

**Dell OpenManage
SNMP Reference Guide Version 7.2**



Notes, Cautions, and Warnings



NOTE: A NOTE indicates important information that helps you make better use of your computer.



CAUTION: A CAUTION indicates either potential damage to hardware or loss of data and tells you how to avoid the problem.



WARNING: A WARNING indicates a potential for property damage, personal injury, or death.

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Introduction

This reference guide provides information about the Simple Network Management Protocol (SNMP) Management Information Base (MIB) which is applicable for Dell OpenManage Version 7.

 **NOTE:** This guide contains information that may also be applicable to earlier OpenManage supported platforms.

This introduction is divided into two sections. The first section, [Introduction to the SNMP Reference Guide](#), explains the SNMP Reference Guide design. All essential Simple Network Management Protocol (SNMP) terms are defined in this section. Some of the vocabulary may seem complex and unfamiliar to system administrators who are using SNMP for the first time. SNMP experts can skim this section, and beginners can read the section more carefully.

The second section, [Introduction to the Server Administrator SNMP Subagent](#), is a more technical introduction to the management information base (MIB) that underlies Server Administrator services.

Supported SNMP Versions

Operating System	Supported OMSA SNMP version
Windows	SNMP v1
Linux	SNMP v1

Introduction to the SNMP Reference Guide

This reference guide provides a formatted version of the following Management Information Base that are released with the current version of Dell OpenManage.

Sections in this guide follow MIB groups and provide explanations and definitions for the terms used to define MIB objects. Content in this reference guide is organized as documented in the following subsections.

Server Administrator Instrumentation MIB

The Server Administrator Instrumentation MIB (filename **10892.mib**) provides instrumentation data that allows you to monitor the health of a system with SNMP management applications. It provides:

- Information about the status of temperatures, power supplies, voltages, currents, fans, and memory at key points in the system
- Rapid access to detailed fault and performance information gathered by industry standard systems management agents
- Version information for Basic Input/Output System (BIOS), firmware, and operating system
- A detailed account of every cost of ownership (COO) detail about your system

In addition, traps are sent to report a change in status of the health of critical components.

The Server Administrator Instrumentation MIB structures its MIB objects into groups of scalar objects or MIB tables that provide related information. The below table describes each Server Administrator Instrumentation MIB group and lists the MIB group number assigned to the MIB group. The Server Administrator Instrumentation MIB groups are

identified by the SNMP OID 1.3.6.1.4.1.674.10892.1.<MIB group number>, where <MIB group number> is the MIB group number assigned to the MIB group. See the relevant section for more information about the MIB objects defined in a MIB group.

Table 1. Server Administrator Instrumentation MIB Sections in This Guide

Section	Topics	MIB Group Numbers
2	Instrumentation MIB Version Group — defines version numbers of the Instrumentation MIB	1
3	Systems Management Software Group — defines information about the systems management software and the supported systems management standards	100
4	System State Group — defines status, state, and redundancy for a system and its components	200
5	Chassis Information Group — defines chassis types, events, and indicators	300
6	Operating System Group — defines variables for name, version, service pack, and other information about a system’s operating system	400
7	System Resource Group — defines variables for input/output ports, memory, interrupts, and direct memory access	500
8	Power Group — defines variables for power units, power supplies, and their current and voltage probes	600
9	Thermal Group — defines variables for temperature probes and cooling devices	700
10	User Security Group — defines variables for creating and modifying user accounts	800
11	Remote Flash BIOS Group — defines variables for updating the system’s BIOS remotely	900
12	Port Group — defines variables for major port types such as keyboard, monitor, small computer system interface (SCSI), Universal Serial Bus (USB), and parallel and serial ports	1000
13	Device Group — defines variables for pointing, keyboard, processor, cache, memory, and personal computer interface devices	1100
14	Slot Group — defines variables for the system’s slots	1200
15	Memory Group — defines variables for the system’s physical memory	1300
16	BIOS Setup Control Group — defines variables for BIOS functions such as boot sequence, speakers, Wake on the local area network (LAN), diskettes, ports, and network interface controllers (NIC)	1400
17	Local Response Agent Group — defines variables for global settings and actions. These variables allow users to predetermine how the system responds to a particular type of event	1500
18	Cost of Ownership Group — defines variables for tracking data on the system’s service contract, lease, repair records, trouble tickets, and so on	1600

Section	Topics	MIB Group Numbers
20	Cluster Group — defines variables for systems that operate as a cluster	1800
21	Baseboard Management Controller Group — provides information about the Baseboard Management Controller (BMC) that may be present in your system. In addition to providing general information about the BMC, this group provides information about the serial and local area network (LAN) interfaces of the BMC	1900
26	Traps — defines the types of alerts that can be sent to report the status of critical components	5000

Server Administrator Remote Access MIB

The Server Administrator Remote Access MIB (filename **dcs3rmt.mib**) provides in-band information about remote access hardware that may be present in your system.

The Server Administrator Remote Access MIB structures its MIB objects into groups of scalar objects or MIB tables that provide related information. Table below describes each Server Administrator Remote Access MIB group and lists the MIB group number assigned to the MIB group. The Server Administrator Remote Access MIB groups are identified by the SNMP OID 1.3.6.1.4.1.674.10892.1.<MIB group number> where <MIB group number> is the MIB group number assigned to the MIB group. See the relevant section for more information about the MIB objects defined in a MIB group.

Table 2. Server Administrator Remote Access MIB Sections in This Guide

Section	Topic	MIB Group Numbers
19	Remote Access Group — provides information about remote access hardware that may be present in your system and defines variables for administrative users, SNMP trap destinations, modem configuration for dial-up networking, dial-in configuration, and dial-out destinations	1700

Server Administrator Baseboard Management Controller, ASF MIB

The Server Administrator BMC MIB (filename **DcAsfSrv.mib**) provides information about the traps sent by BMC. The Server Administrator BMC MIB structures its MIB objects that provide related information. The BMC MIB groups are identified by the SNMP OID 1.3.6.1.4.1.3183.1.1.<MIB group number>. The BMC MIB adheres to ASF 2.0 standard and hence the enterprise ID is wired for management (3183).

Server Administrator Field Replaceable Unit MIB

The Server Administrator Field Replaceable Unit MIB (filename **dcs3fru.mib**) provides information about field replaceable unit (FRU) hardware that may be present in your system.

The Server Administrator Field Replaceable Unit MIB structures its MIB objects into groups of scalar objects or MIB tables that provide related information. The following table describes each Server Administrator Field Replaceable Unit MIB group and lists the MIB group number assigned to the MIB group. The Server Administrator Field Replaceable Unit MIB groups are identified by the SNMP OID 1.3.6.1.4.1.674.10892.1.<MIB group number> where <MIB group number> is the MIB group number assigned to the MIB group. See the relevant section for more information about the MIB objects defined in a MIB group.

Table 3. Server Administrator Field Replaceable Unit MIB Sections in This Guide

Section	Topic	MIB Group Numbers
22	Field Replaceable Unit Group — provides information about field replaceable units that may be present in your system	2000

Server Administrator Storage Management MIB

The Server Administrator Storage Management MIB (filename **dcstorag.mib**) provides storage management data that allows you to monitor the health of storage resources with SNMP management applications.

The following table describes each Server Administrator Storage Management MIB group and lists the MIB group number assigned to the MIB group. The Server Administrator Storage Management MIB groups are identified by the SNMP OID 1.3.6.1.4.1.674.<MIB group number> where <MIB group number> is the MIB group number assigned to the MIB group. See the relevant section for more information about the MIB objects defined in a MIB group.

Table 4. Server Administrator Storage Management MIB Sections in This Guide

Section	Topics	MIB Group Numbers
23	Storage Management Group — consists of definitions for the following MIB groups:	10893
		NA
	• Storage Management Group	20
	• Storage Management Information Group	NA
	• Global Data Group	NA
	• Physical Devices Group	130
	• Logical Devices Group	140
	• Storage Management Event Group	NA
• Software Group	1	
27	Storage Management Alert Reference — lets you monitor the health of storage resources such as controllers, connectors, array disks, and virtual disks	NA

Server Administrator Change Management MIB

The Server Administrator Change Management MIB (filename **dellcm.mib**) provides management data that allows you to monitor the inventory of devices and applications with SNMP management applications.

The following table describes each Server Administrator Change Management MIB group and lists the MIB group number assigned to the MIB group. The Server Administrator Change Management MIB groups are identified by the SNMP OID 1.3.6.1.4.1.674.<MIB group number> where <MIB group number> is the MIB group number assigned to the MIB group. See the relevant section for more information about the MIB objects defined in a MIB group.

Table 5. Server Administrator Change Management MIB Sections in This Guide

Section	Topics	MIB Group Number
24	Change Management Group - describes the inventory data provided by the Change Management MIB that allows users to monitor devices and software present on a particular managed computer chassis	10899

Dell Remote Access Controller Out-of-Band MIB

The Dell Remote Access Controller Out-of-Band MIB (filename **dellRAC.mib**) provides management data that allows you to monitor the Chassis Management Controller. This MIB also contains information on RAC legacy alerting. The following table describes each Dell RAC Out-of-Band group and lists the MIB group number assigned to the MIB group. See the relevant section for more information about the MIB objects defined in a MIB group.

Table 6. Dell RAC Out-of-Band MIB

Section	Topics	MIB Group Number
25	The Dell RAC Out-of-Band MIB consists of information for the following groups: <ul style="list-style-type: none">• Product Information• Chassis Status• Chassis Power• CMC Power Information• CMC PSU Information• Chassis Alerts• Legacy Alerting	2

How This Guide Defines Technical Terms

The following table provides information about where to find definitions for technical terms in this reference guide.

Table 7. Where to Find Definitions for Technical Terms

Type of Definition	See
Basic SNMP vocabulary.	Introduction
MIB-group-specific variable values. MIB-group-specific MIB variables contain links to the tables that define these values in the last section of the section in which these variables are used.	Sections 3, 5, 7, 8, 9, and 11 through 18.
Systems management terms, acronyms, and commonly managed components referred to in this reference guide.	<i>Glossary</i> available on the Dell Support web site at dell.com/support/manuals .
Server Administrator-standard data types that specify variable values in this reference guide.	Appendix A, Standard Data Type Definitions.

Basic Terminology

It is important to have a good understanding of the key technical terms used in this guide. This guide provides definitions for all essential terms used in describing the Server Administrator MIBs. For definitions on all essential terms and acronyms, see the *Glossary* available on the Dell Support website at dell.com/support/manuals.

Frequently Used Terms in Variable Names

The following terms are frequently used in the name of a MIB variable:

Capability refers to the actions an object can perform, or to actions that can be taken by the object. Hot-pluggable is an example of a capability. If a card is hot-pluggable, it can be replaced while a system is running. Capability settings refer

to the capabilities of the object that the user can select from and activate if desired. Capability settings allow users of the server administrator to predetermine how an object behaves under specific conditions.

Settings are the conditions of a manageable object that determine what happens when a certain value is detected in a component. For example, a user can set the upper critical threshold of a temperature probe to 75 degrees Celsius. If the probe reaches that temperature, the setting causes an alert to be sent to the management console. Some settings, when reached, can trigger a system shutdown or other response to prevent damage to the system.

State refers to the condition of an object that has more than one condition. For example, an object may be in a *not ready* or in an *enabled* state.

Status refers to the health of an object or how the object is functioning. For example, the status of a temperature probe that is measuring acceptable temperatures would be reported as normal. When the probe begins reading temperatures that exceed limits set by the user, it reports a critical status.

Tables

This reference guide contains two types of tables: tables that are used to organize and define variable values and tables that define MIB objects. Readers must understand the difference between these two types of tables.

SNMP Tables

Most of the MIB objects defined in this reference guide are organized into SNMP tables. SNMP tables organize data into two-dimensional structural arrays. In SNMP, objects that have a relationship to other objects are called columnar objects. Columnar objects are objects used to form lists and tables. When a MIB group is divided into one or more discrete tables, the word *table* has a technical meaning. An example is the section of this reference guide entitled Universal Unique Identifier (UUID). The UUID object has a type and a value that uniquely identifies an object such as a chassis. The table defines all of the variables that comprise the managed object UUID.

The following table is an example of an SNMP table. The table contains variables that must occur in a definite sequence. In the example table the defined variables are UUID Chassis Index, UUID Index, UUID Type, and UUID Value.

These objects comprise the Server Administrator definitions for the UUID.

Table 8. UUID Table

Name	uUIDTable
Object ID	1.3.6.1.4.1.674.10892.1.300.20
Description	Defines the UUID table.
Syntax	SEQUENCE OF UUIDTableEntry
Access	Not accessible

Table 9. UUID Table Entry

Name	uUIDTableEntry
Object ID	1.3.6.1.4.1.674.10892.1.300.20.1
Description	Defines the UUID table entry.
Syntax	UUIDTableEntry
Access	Not accessible
Index	uUIDIndex

uUIDchassisIndex

Table 10. UUID Chassis Index

Name	uUIDchassisIndex
Object ID	1.3.6.1.4.1.674.10892.1.300.20.1.1
Description	Defines the index (one-based) of this chassis.
Syntax	DellObjectRange
Access	Read-only

Table 11. UUID Index

Name	uUIDIndex
Object ID	1.3.6.1.4.1.674.10892.1.300.20.1.2
Description	Defines the index of the UUID in a specified chassis.
Syntax	DellObjectRange
Access	Read-only

Table 12. UUID Type

Name	uUIDType
Object ID	1.3.6.1.4.1.674.10892.1.300.20.1.3
Description	Defines the type of the UUID for this chassis.
Syntax	DellUUIDType
Access	Read-only

Table 13. UUID Value

Name	uUIDValue
Object ID	1.3.6.1.4.1.674.10892.1.300.20.1.4
Description	Defines the value of the UUID for this chassis.
Syntax	Octet String (SIZE[16])
Access Read-only	Read-only

Section Organization

Sections in this reference guide are based on the Server Administrator MIBs, so the complexity of each section depends on the complexity of each MIB group. The first section provides a high-level introduction to the MIB group. If the group is defined by one or more tables, the second section lists these tables. The third section documents the variables that comprise the group, and if applicable, the variables that comprise the tables. The fourth section contains definitions for any Server Administrator-specific variables that are used in the section. The following example shows the typical content of these four sections:

1. BIOS Setup Control Group — This section explains the purpose of the MIB group and summarizes the major features of the component groups.
2. BIOS Group Tables — If there is more than one SNMP table for a group, this section lists all of the tables. For this BIOS group example, there are eight tables listed. In each section, double-clicking any table on the list takes you to that table.
 - BIOS Setup Control Table
 - SCSI Control Table
 - Parallel Port Control Table
 - Serial Port Control Table
 - USB Control Table
 - IDE Control Table
 - Diskette Control Table
 - Network Interface Control Table
3. Variables that make up each table in the group — This section documents the variables for the eight tables that comprise the BIOS group.
4. BIOS Variable Values — This section explains any Server Administrator-specific variables and data types that are used in this section. In the BIOS group example, there are 17 unique, Server Administrator-specific variable meanings. Information on each Server Administrator-specific variable is presented in a formatted table.

Other Documents You May Need

In addition to this guide, you can access the following guides available on the Dell Support website at dell.com/support/manuals. On the **Manuals** page, click **Software Systems Management**. Click the appropriate product link on the right-side to access the documents.

- The *Server Administrator Messages Reference Guide* lists the messages that you can receive on your systems management console or on your operating system's event viewer. This guide explains the text, severity, and cause of each message that the server administrator issues.
- The *Server Administrator CIM Reference Guide* documents the Common Information Model (CIM) provider, an extension of the standard management object format (MOF) file. The Server-Administrator CIM provider documents supported classes of management objects.
- The *Glossary* provides information on the terms used in this document.

Introduction to the Server Administrator SNMP Subagent

This guide provides formatted information drawn primarily from the MIB files written for the Server Administrator services that support the SNMP protocol.

For each of the variables defined in the MIBs, the following fields are specified:

- Variable name
- OID or unique identifying number
- Description
- Data type of the variable (for example: integer, string, octet string)
- Whether the variable is accessible, not accessible, read-only, or read-write
- Index or indexes, if applicable

For each MIB group that has unique variable definitions, tables are included in the last section of the section to explain the meaning of the terms.

Standards for writing MIBs are defined by the Internet Engineering Task Force (IETF). Structure of Management Information (SMI) is a standard that specifies the rules for defining the structure and type of managed objects and

events in a MIB. SMIv1 is specified in Request For Comments (RFC) 1155. The Server Administrator MIB conforms to the SMIv1 standard.

SNMP is a systems management standard originally designed for network management. SNMP manages much more than networks. Information Technology (IT) professionals use SNMP for monitoring and managing computer systems and the various components and peripherals supported by their systems.

SNMP standards are defined by the Internet Engineering Task Force (IETF). SNMP version 1 was published in August 1988 and is the most commonly supported version of SNMP. SNMP version 2 was first published in May 1993, but has not gained widespread market acceptance. SNMP version 3 was recently completed and has addressed security issues that exist in version 1.

All SNMP systems consist of one or more managed systems that provide data through an SNMP agent to a management system. The management system provides a user interface to view data from the managed systems. The management system and managed systems communicate over a network (typically through User Datagram Protocol/Internet Protocol [UDP/IP]).

The management system and a managed system communicate by means of a common data schema. SNMP MIB files define the structure, type, and values of the SNMP data. While MIBs can be standardized or enterprise specific, most operating systems supply SNMP agents for the standard MIB-I and MIB-II schemas. MIB-I defines a base set of standard management information for systems implementing the Internet Protocol (IP) suite. MIB-II defines characteristics of the system, characteristics of network interfaces, and characteristics of components of the IP on the system. In addition to the standard MIBs, many hardware vendors have defined MIBs that provide management data specific to their systems and peripheral devices.

Monitored data can be retrieved through SNMP using the Get command. Typically, this command requires the host name or IP address of the target machine as well as the OID of the data to retrieve. Exact details are dependent on the operating system and the development tools being used to create the management application. The Get command has a variant known as GetNext.

Management Information Base Object Identifiers

Each data class within a Management Information Base (MIB) is defined by an Object Identifier (OID). OIDs are unique across all MIBs. An OID consists of a series of digits separated by periods. The OID functions in a similar fashion to a phone number. The phone number 011-512-471-0000 uniquely identifies a single phone. The phone number can be broken down into a number of components to uniquely identify a phone. The first component, 011, is the country code for the United States. The second component, 512, identifies the area code for central Texas. The third component, 471, is the phone exchange for a large state university in the city of Austin. The final component, 0000, is the main switchboard.

There are two main differences between the phone number example and an actual OID. The first difference is that there are many more components in an OID, up to 128. The combination of these components is called an OID prefix. The second difference is that OIDs support the concept of indexes or keys. The OID prefix specifies the data class but does not specify an instance of the data within the class. Indexes can be used to identify the instances of a data class. These indexes are referred to as the OID suffix.

The assignment of values for each OID prefix component can be illustrated by using a tree structure. The following is an example of an OID assignment:

Table 14. ROOT

```
CCITT(0)
ISO(1)
    ORG(3)
        DOD(6)
```

```

INTERNET(1)
    MGMT(2)
        MIB(1)
            EXPERIMENTA
            L(3)
                PRIVATE(4)
                    ENTERPRISES(
                    1)
                        DELL (674)
                            SNMPv2(6)


```


In the preceding example, the OID prefix for the Dell enterprise would be 1.3.6.1.4.1.674.

The numbers in boldface type show the categories and numbers that apply to Server Administrator. All Server Administrator-defined OIDs consist of 1.3.6.1.4.1.674 followed by additional component values.

SNMP Security

SNMP version 1 has a very limited security mechanism. SNMP agents support the use of a community string, which is configured at each SNMP agent and is passed as a part of all SNMP request messages. There is no verification that the requester is actually a member of the specified community. As most system and network management data is not confidential, this limited security is acceptable for Get types of requests. On the other hand, this security is not acceptable for Set types of operations where an SNMP request could power off a system, reconfigure a redundant array of independent disks (RAID) card, and so on. Some vendors have chosen not to support SNMP Set operations for this reason. Server Administrator is able to support SNMP Set operations because its SNMP agents implement a hash/digest mechanism to prevent unauthorized SNMP Set operations. One limitation of this practice is that only server administrator-developed SNMP management applications have the capability to support the hash/digest mechanism.

 **NOTE:** The default SNMP agent configuration usually includes a SNMP community name such as public. For security reasons, change the SNMP community names from their default values. For information about changing SNMP community names, see the *Dell OpenManage Server Administrator User's Guide* available on the Dell Support website at dell.com/support/manuals. For additional guidelines, see the Securing an SNMP Environment article, dated May 2003, in the Dell Power Solutions magazine. This magazine is also available at dell.com/powersolutions.

 **NOTE:** Server Administrator provides support to enable or disable SNMP Set operations. For more information on enabling or disabling SNMP Set operations in Server Administrator, see the *Dell OpenManage Server Administrator User's Guide* or the *Dell OpenManage Server Administrator Command Line Interface User's Guide* on the Dell Support web site at dell.com/support/manuals.

Management Actions

Management actions can be performed using the SNMP Set command. These actions can consist of configuring a phone number for the system's owner, rebooting a system, or changing the asset tag of the system. See the previous section, [Security](#), for limitations on Set operations.

SNMP Traps

SNMP is frequently used to monitor systems for fault conditions such as temperature violations, hard drive failures, and so on. Management applications can monitor for these conditions by polling the appropriate OIDs with the Get command and analyzing the returned data. This method has its drawbacks. If it is done frequently, significant amounts of network bandwidth can be consumed. If it is done infrequently, the response to the fault condition may not occur in a timely fashion. SNMP traps avoid these limitations of the polling method.

An SNMP trap is an asynchronous event indicating that something significant has occurred. This is analogous to a pager receiving an important message, except that the SNMP trap frequently contains all the information needed to diagnose a fault.

Two drawbacks to SNMP traps are that they are sent using UDP, which is not a guaranteed delivery mechanism, and that they are not acknowledged by the receiver.

An SNMP trap message contains the trap's enterprise OID, the agent IP address, a generic trap ID, the specific trap ID, a time stamp, and zero or more variable bindings (varbinds). The combination of an enterprise OID and a specific trap ID uniquely identifies each Server Administrator-defined trap. A varbind consists of an OID and its value and provides additional information about the trap.

In order for a management system to receive SNMP traps from a managed system, the node must be configured to send traps to the management system. Trap destination configuration is dependent on the operating system. When this configuration is done, a management application on the management system can wait for traps and act on them when received.

For a list of traps supported by the Server Administrator Instrumentation Service, see Instrumentation Traps. For information on Server Administrator Storage Management traps, see Storage Management Alert Reference.

For a list of traps supported by the Remote Access Controller, see RAC Traps, BMC Traps and iDRAC7 Traps.

Dell OpenManage SNMP Version 7.2

This section contains information added or updated for the current release.

What's New in This Release

- Added support for Enhanced Messaging (EEMI), which includes unique system identifiers (system service tag, chassis service tag, and system FQDN) and message identifier, (Message ID) for enhanced SNMP trap varbinds. You can associate an event to the respective server using the unique system identifiers. For more information, see the *Dell Event Message Reference Guide*
- Added new varbinds for **OpenManage Server Administrator Storage Management**:
 - Added the following new table for Tape Drive:
 - Storage Management Group MIB**
 - * tapeDriveTable
 - * tapeDriveEntry
 - * tapeDriveNumber
 - * tapeDriveName
 - * tapeDriveVendor
 - * tapeDriveProductID
 - * tapeDriveNexusID
 - * tapeDriveBusType
 - * tapeDriveSASAddress
 - * tapeDriveMediaType
 - Added MIB table for **Traditional** Trap Varbinds: **Storage Management Alert MIB**
 - * messageIDEvent
 - * descriptionEvent
 - * locationEvent
 - * objectNameEvent
 - * objectOIDEvent
 - * objectNexusEvent
 - * currentStatusEvent
 - * previousStatusEvent
 - Added MIB table for Trap **Enhanced** Varbinds:
 - * enhancedMessageIDEvent
 - * systemFQDNEvent
 - * serviceTagEvent
 - * chassisServiceTagEvent
- Added new enhanced varbinds for **OpenManage Server Administrator** :

- Added the following tables for Trap on Traditional and Enhanced Varbinds.

SNMP Traps: Traditional Varbinds:

- * alertSystem
- * alertTableIndexOID
- * alertMessage
- * alertCurrentStatus
- * alertPreviousStatus
- * alertData

Enhanced Varbinds:

- * alertMsgID
- * alertSystemFQDN
- * alertServiceTag
- * alertChassisServiceTag

- Added support for an additional feature — DIMM ranking, in Memory Module.

- Added new enhancements in **iDRAC** :

- Added new enhancements in iDRAC with SNMP supported version of v2c and v3.

– **iDRAC7 MIB**

- * The iDRAC7 MIB file is now published in both types of SMI (Structure of Managed Information) notations: SMIv1 and SMIv2. Previously it was only published in SMIv1 notation. Also, the name of the SMIv1 copy of the MIB file has changed. Previously it was named iDRAC-MIB.txt. Now it is named iDRAC-SMIv1.mib. The SMIv2 copy of the MIB file is named iDRAC-SMIv2.mib.
- * Updated the lists in the iDRAC7 Supported SNMP Versions section. SNMPv3 queries are now supported. And the SNMP v2c trap format is now supported.
- * Added a new section on iDRAC7 SNMP Data Security Features.
- * Added the following three additional new Trap variables:
 - alertDeviceDisplayNamex
 - alertMessageArguments
 - alertChassisServiceTag
- * Added the following two new subgroups:
 - System Details Group
 - Storage Details Group
- * Added the following five new objects under the System Information Group:
 - systemSystemID
 - systemOSVersion
 - systemRoomName
 - systemChassisSystemHeight
 - systemBladeGeometry
- * Added the following one new object under the Status Group:
 - systemPowerState
- * Added the following two new sets of System Trap Group traps:
 - Fiber Channel Traps

- Temperature Statistics Traps

Instrumentation MIB Version Group

The Instrumentation Management Information Base (MIB) Version Group defines the attributes that identify the version of the Instrumentation MIB supported by the systems management software.

The `mIBMajorVersionNumber`, `mIBMinorVersionNumber`, and `mIBMaintenanceVersionNumber` attributes are scalar objects, meaning that they are not related to other MIB objects and are thus not placed in a table.

Management Information Base Major Version Number

Name	<code>mIBMajorVersionNumber</code>
Object ID	1.3.6.1.4.1.674.10892.1.1.1.0
Description	<p>Defines the major version number of the version of this MIB supported by the systems management software. For example, if the MIB version is 1.2.3, the major version number is 1.</p> <p>A major version number change indicates a major change in object functionality.</p>
Syntax	<code>DellUnsigned8BitRange</code>
Access	Read-only

Management Information Base Minor Version Number

Name	<code>mIBMinorVersionNumber</code>
Object ID	1.3.6.1.4.1.674.10892.1.1.2.0
Description	<p>Defines the minor version number of the version of this MIB supported by the systems management software. For example, if the MIB version is 1.2.3, the minor version number is 2.</p> <p>A minor revision provides additional support for new objects as well as problem fixes.</p>
Syntax	<code>DellUnsigned8BitRange</code>
Access	Read-only

Management Information Base Maintenance Version Number

Name	<code>mIBMaintenanceVersionNumber</code>
Object ID	1.3.6.1.4.1.674.10892.1.1.3.0
Description	<p>Defines the maintenance version number for the version of this MIB supported by the systems management software. For example, if the MIB version is 1.2.3, the maintenance version number is 3.</p>

Syntax

DellUnsigned8BitRange


Access

Read-only

Systems Management Software Group

The Systems Management Software Group allows users to see information about the standards and software that are supported by the agent of a particular managed computer chassis. The Systems Management Software Group classifies each computer chassis according to the systems management standard that the agent supports.

Additional objects define the universal resource locator (URL) of the systems management software and the language in which systems management information displays. Defining these objects enables users to manage a system using an internet browser. You can access Server Administrator using the secure hypertext transfer protocol (https) and a pre-assigned port number of 1311, or you can specify a port number of your own choosing.

 **NOTE:** Using the **Software** → **Server Preferences** menu of Server Administrator, you can bind to either one IP address or to all IP addresses.

To manage a system locally using Server Administrator, type the following in the address field of your browser: **https://localhost:<1311 or user-specified port number>**

To manage a system remotely using Server Administrator, type one of the following in the address field of your browser: **https://<systemname>:<1311 or user specified port number>** or **https://<IP address>:<1311 or user specified port number>**

Systems Management Software

The following objects describe the fields for server administrator systems management information. The systems management software variables are scalar objects, meaning that they are not related to other management information base (MIB) objects and are thus not placed in a table.

Table 15. Systems Management Software Name

Name	systemManagementSoftwareName
Object ID	1.3.6.1.4.1.674.10892.1.100.1
Description	Defines the systems management software product name.
Syntax	DellString
Access	Read-only

Table 16. Systems Management Software Version Number Name

Name	systemManagementSoftwareVersionName
Object ID	1.3.6.1.4.1.674.10892.1.100.2
Description	Defines the version number of the systems management software.
Syntax	DellString
Access	Read-only

Table 17. Systems Management Software Build Number

Name	systemManagementSoftwareBuildNumber
Object ID	1.3.6.1.4.1.674.10892.1.100.3
Description	Defines the build number of the systems management software.
Syntax	DellUnsigned16BitRange
Access	Read-only

Table 18. Systems Management Software Description Name

Name	systemManagementSoftwareDescriptionName
Object ID	1.3.6.1.4.1.674.10892.1.100.4
Description	Defines the description of the systems management software.
Syntax	DellString
Access	Read-only

Table 19. Systems Management Software Supported Protocol

Name	systemManagementSoftwareSupportedProtocol
Object ID	1.3.6.1.4.1.674.10892.1.100.5
Description	Defines the systems management standards (SNMP or CIM) supported by the systems management software.
Syntax	SMSSupportedTypes (Systems Management Software Supported Standards)
Access	Read-only

Table 20. Systems Management Software Preferred Protocol

Name	systemManagementSoftwarePreferredProtocol
Object ID	1.3.6.1.4.1.674.10892.1.100.6
Description	Defines the preferred systems management standard for the systems management software.
Syntax	SMSSupportedTypes (Systems Management Software Supported Standards)
Access	Read-only

Table 21. Systems Management Software Update Level Name

Name	systemManagementSoftwareUpdateLevelName
Object ID	1.3.6.1.4.1.674.10892.1.100.7
Description	Defines the update level of the system management software.
Syntax	DellString
Access	Read-only

Table 22. Systems Management Software URL Name

Name	systemManagementSoftwareURLName
Object ID	1.3.6.1.4.1.674.10892.1.100.8
Description	Defines the universal resource locator (URL) of the systems management software.
Syntax	DisplayString (SIZE (0..1024))
Access	Read-only

Table 23. Systems Management Software Language Name

Name	systemManagementSoftwareLanguageName
Object ID	1.3.6.1.4.1.674.10892.1.100.9
Description	Defines the language of the systems management software.
Syntax	DisplayString (SIZE (0..255))
Access	Read-only

Table 24. Systems Management Software Global Version Name

Name	systemManagementSoftwareGlobalVersionName
Object ID	1.3.6.1.4.1.674.10892.1.100.10
Description	Defines the global version of the systems management software.
Syntax	DellString
Access	Read-only

Table 25. Systems Management Software Feature Flags

Name	systemManagementSoftwareFeatureFlags
Object ID	1.3.6.1.4.1.674.10892.1.100.11
Description	Defines the features of the systems management software.
Syntax	SMSFeatureFlags (Systems Management Software Feature Flags)
Access	Read-only

Table 26. Systems Management Software SNMP Agent Feature Flags

Name	systemManagementSoftwareSNMPAgentFeatureFlags
Object ID	1.3.6.1.4.1.674.10892.1.100.12
Description	Defines the features of the SNMP agent software provided by the operating system.
Syntax	SMSSNMPAgentFeatureFlags (Systems Management Software SNMP Agent Feature Flags)
Access	Read-only

Table 27. Systems Management Software Manufacturer Name

Name	systemManagementSoftwareManufacturerName
Object ID	1.3.6.1.4.1.674.10892.1.100.13
Description	Defines the manufacturer of the systems management software.
Syntax	DellString
Access	Read-only

Systems Management Software Variable Values

This section includes definitions of server administrator-specific variable values used in this section.

Table 28. Systems Management Software Supported Standards

Variable Name: SMSSupportedTypes

Data Type: Integer

Possible Data Values	Meaning of Data Value
supportsSNMP (1)	This system supports SNMP.
supportsDMI (2)	This system supports DMI.
supportsSNMPandDMI (3)	This system supports SNMP and DMI.
supportsCIMOM (4)	This system supports CIM.
supportsSNMPandCIMOM (5)	This system supports SNMP and CIM.

Table 29. Systems Management Software Feature Flags

Variable Name: SMSFeatureFlags

Data Type: Integer

Possible Data Values	Meaning of Data Value
none (0)	The Systems Management Software features are not enabled.
webOneToOneManagementPreferred (1)	The web 1:1 management preferred feature is enabled

Table 30. Systems Management Software SNMP Agent Feature Flags

Variable Name: SMSSNMPAgentFeatureFlags

Data Type: Integer

Possible Data Values	Meaning of Data Value
none (0)	The Systems Management Software SNMP agent features are not enabled.
supportsSparseTables (1)	The SNMP agent supports sparse tables.

System State Group

The Management Information Base (MIB) variables presented in this section enable you to track various attributes that describe the state of the critical components supported by your system. Components monitored under the System State Group include power supplies, AC power cords, AC power switches, and cooling devices, as well as temperature, fan, amperage, and voltage probes.

System State Group Table

The System State Group defines objects in the System State MIB table.

System State Table

The **systemStateGlobalSystemStatus** variable provides overall system health status and includes rolled-up (that is, worst) status for Instrumentation and Storage. This variable monitors the overall system health status. It reflects changes to **systemStateChassisStatus** variable, which represents Instrumentation health status and **agentGlobalSystemStatus (dcstorag.mib)**, which represents Storage health status.

The **systemStateChassisStatus** variable provides the rolled-up health status for the subsystems associated with the chassis that is represented by the row in the **systemStateTable**. Changes to the variables in [List 1](#), each of which indicates the rolled-up health status of all the components of the corresponding subsystem, are reflected in **systemStateChassisStatus** variable.

For example, **systemStatePowerSupplyStatusCombined** provides the rolled up status of all power supplies for the chassis.

The variables in [List 2](#) provide the health status of each component of the corresponding subsystem. Each octet of the value represents a component. If a power supply fails, the corresponding entry in **systemStatePowerSupplyStatusDetails**, **systemStatePowerSupplyStatusCombined**, **systemStateChassisStatus** and **systemStateGlobalSystemStatus** transitions to critical.

List 1

Variables that provide rolled-up health status for all components in associated subsystem in chassis:

- systemStatePowerSupplyStatusCombined
- systemStateVoltageStatusCombined
- systemStateAmperageStatusCombined
- systemStateCoolingDeviceStatusCombined
- systemStateTemperatureStatusCombined
- systemStateMemoryDeviceStatusCombined
- systemStateChassisIntrusionStatusCombined
- systemStateACPowerCordStatusCombined
- systemStateEventLogStatus
- systemStatePowerUnitStatusCombined

- systemStateCoolingUnitStatusCombined
- systemStateACPowerSwitchStatusCombined
- systemStateRedundantMemoryUnitStatusCombined
- systemStateProcessorDeviceStatusCombined
- systemStateBatteryStatusCombined
- systemStateSDCardUnitStatusCombined
- systemStateSDCardDeviceStatusCombined

List 2

Variables that provide health status of each component in associated subsystem in chassis:

- systemStatePowerSupplyStatusDetails
- systemStateVoltageStatusDetails
- systemStateAmperageStatusDetails
- systemStateCoolingDeviceStatusDetails
- systemStateTemperatureStatusDetails
- systemStateMemoryDeviceStatusDetails
- systemStateChassisIntrusionStatusDetails
- systemStateACPowerCordStatusDetails
- systemStatePowerUnitStatusList
- systemStateCoolingUnitStatusList
- systemStateACPowerSwitchStatusList
- systemStateRedundantMemoryUnitStatusList
- systemStateProcessorDeviceStatusList
- systemStateBatteryStatusList
- systemStateSDCardUnitStatusList
- systemStateSDCardDeviceStatusList

System State Table

The following object sets up the System State Table:

Table 31. System State Table

Name	systemStateTable
Object ID	1.3.6.1.4.1.674.10892.1.200.10
Description	Defines the System State Table.
Syntax	SEQUENCE OF SystemStateTableEntry
Access	Not accessible

Table 32. System State Table Entry

Name	systemStateTableEntry
Object ID	1.3.6.1.4.1.674.10892.1.200.10.1

Description	Defines the System State Table entry.
Syntax	SystemStateTableEntry
Access	Not accessible
Index	systemStatechassisIndex

Table 33. System State Chassis Index

Name	systemStatechassisIndex
Object ID	1.3.6.1.4.1.674.10892.1.200.10.1.1
Description	Defines the index (one-based) of this chassis.
Syntax	DellObjectRange
Access	Read-only

Table 34. System State Global System Status

Name	systemStateGlobalSystemStatus
Object ID	1.3.6.1.4.1.674.10892.1.200.10.1.2
Description	Defines the global system status of all chassis being monitored by this instrumentation instance.
Syntax	DellStatus
Access	Read-only

Table 35. System State Chassis State

Name	systemStateChassisState
Object ID	1.3.6.1.4.1.674.10892.1.200.10.1.3
Description	Defines the system state of this chassis.
Syntax	DellStateSettings
Access	Read-only

Table 36. System State Chassis Status

Name	systemStateChassisStatus
Object ID	1.3.6.1.4.1.674.10892.1.200.10.1.4
Description	Defines the system status of this chassis.
Syntax	DellStatus
Access	Read-only

Table 37. System State Power Unit State Details

Name	<code>systemStatePowerUnitStateDetails</code>
Object ID	1.3.6.1.4.1.674.10892.1.200.10.1.5
Description	Defines the state of all power units in this chassis. The results are returned as a binary octet string. Each byte of the octet string represents the state of a specific power unit. The first byte returned represents the state of the first power unit, the second byte returned represents the state of the second power unit, and so on. The bytes have the same definition type as DellStateSettings.
Syntax	Octet String (Size (1..128))
Access	Read-only

Table 38. System State Power Unit Status Redundancy

Name	<code>systemStatePowerUnitStatusRedundancy</code>
Object ID	1.3.6.1.4.1.674.10892.1.200.10.1.6
Description	Defines the system status of the power unit(s) in this chassis.
Syntax	DellStatus
Access	Read-only

Table 39. System State Power Unit Status Details

Name	<code>systemStatePowerUnitStatusDetails</code>
Object ID	1.3.6.1.4.1.674.10892.1.200.10.1.7
Description	Defines the status of all power units in this chassis. The results are returned as a binary octet string. Each byte of the octet string represents the status of a specific power unit. The first byte returned represents the status of the first power unit, the second byte returned represents the status of the second power unit, and so on. The bytes have the same definition type as DellStatusRedundancy.
Syntax	Octet String (Size (1..128))
Access	Read-only

Table 40. System State Power Supply State Details

Name	<code>systemStatePowerSupplyStateDetails</code>
Object ID	1.3.6.1.4.1.674.10892.1.200.10.1.8
Description	Defines the state of all power supplies in this chassis. The results are returned as a binary octet string. Each byte of the octet string represents the state of a specific power supply. The first byte returned represents the state of the first power supply, the second byte returned represents the state of the second power supply, and so on. The bytes have the same definition type as DellStateSettings.
Syntax	Octet String (Size (1..128))

Access Read-only

Table 41. System State Power Supply Status Combined

Name `systemStatePowerSupplyStatusCombined`
Object ID 1.3.6.1.4.1.674.10892.1.200.10.1.9
Description Defines the status of all power supplies in this chassis.
Syntax `DellStatus`
Access Read-only

Table 42. System State Power Supply Status Details

Name `systemStatePowerSupplyStatusDetails`
Object ID 1.3.6.1.4.1.674.10892.1.200.10.1.10
Description Defines the status of all power supplies in this chassis. The results are returned as a binary octet string, Each byte of the octet string represents the status of a specific power supply. The first byte returned represents the status of the first power supply, the second byte returned represents the status of the second power supply, and so on. The bytes have the same definition type as `DellStatus`.
Syntax Octet String (Size (1..128))
Access Read-only

Table 43. System State Voltage State Details

Name `systemStateVoltageStateDetails`
Object ID 1.3.6.1.4.1.674.10892.1.200.10.1.11
Description Defines the state of all voltage probes in this chassis. The results are returned as a binary octet string. Each byte of the octet string represents the status of a specific voltage probe. The first byte returned represents the status of the first voltage probe, the second byte returned represents the status of the second voltage probe, and so on. The bytes have the same definition type as `DellStateSettings`.
Syntax Octet String (Size (1..128))
Access Read-only

Table 44. System State Voltage Status Combined

Name `systemStateVoltageStatusCombined`
Object ID 1.3.6.1.4.1.674.10892.1.200.10.1.12
Description Defines the status of all voltage probes in this chassis.
Syntax `DellStatus`
Access Read-only

Table 45. System State Voltage Status Details

Name	<code>systemStateVoltageStatusDetails</code>
Object ID	1.3.6.1.4.1.674.10892.1.200.10.1.13
Description	Defines the status of all voltage probes in this chassis.
Syntax	Octet String (Size (1..128))
Access	Read-only

Table 46. System State Amperage State Details

Name	<code>systemStateAmperageStateDetails</code>
Object ID	1.3.6.1.4.1.674.10892.1.200.10.1.14
Description	Defines the state of all current probes in this chassis. The results are returned as a binary octet string. Each byte of the octet string represents the status of a specific current probe. The first byte returned represents the state of the first current probe, the second byte returned represents the state of the second current probe, and so on. The bytes have the same definition type as <code>DellStateSettings</code> .
Syntax	Octet String (Size (1..128))
Access	Read-only

Table 47. System State Amperage Status Combined

Name	<code>systemStateAmperageStatusCombined</code>
Object ID	1.3.6.1.4.1.674.10892.1.200.10.1.15
Description	Defines the status of all amperage probes in this chassis. The result is returned as a combined status value. The value has the same definition type as <code>DellStatus</code> .
Syntax	<code>DellStatus</code>
Access	Read-only

Table 48. System State Amperage Status Details

Name	<code>systemStateAmperageStatusDetails</code>
Object ID	1.3.6.1.4.1.674.10892.1.200.10.1.16
Description	Defines the status of all amperage probes in this chassis. The results are returned as a binary octet string. Each byte of the octet string represents the status of a specific amperage probe. The first byte returned represents the status of the first amperage probe, the second byte returned represents the status of the second amperage probe, and so on. The bytes have the same definition type as <code>DellStatus</code> .
Syntax	Octet String (Size (1..128))
Access	Read-only

Table 49. System State Cooling Unit State Details

Name	statesystemStateCoolingUnitStateDetails
Object ID	1.3.6.1.4.1.674.10892.1.200.10.1.17
Description	Defines the state of all cooling units in this chassis. The results are returned as a binary octet string. Each byte of the octet string represents the state of a specific cooling unit. The first byte returned represents the state of the first cooling unit, the second byte returned represents the state of the second cooling unit, and so on. The bytes have the same definition type as DellStateSettings.
Syntax	Octet String (Size (1..128))
Access	Read-only

Table 50. System State Cooling Unit Status Redundancy

Name	systemStateCoolingUnitStatusRedundancy
Object ID	1.3.6.1.4.1.674.10892.1.200.10.1.18
Description	Defines the state of all cooling units in this chassis.
Syntax	DellStatusRedundancy
Access	Read-only

Table 51. System State Cooling Unit State Details

Name	systemStateCoolingUnitstateDetails
Object ID	1.3.6.1.4.1.674.10892.1.200.10.1.19
Description	Defines the state of all cooling units in this chassis. The results are returned as a binary octet string. Each byte of the octet string represents the state of a specific cooling unit. The first byte returned represents the state of the first cooling unit, the second byte returned represents the state of the second cooling unit, and so on. The bytes have the same definition type as DellStateSettings.
Syntax	Octet String (Size (1..128))
Access	Read-only

Table 52. System State Cooling Device State Details

Name	systemStateCoolingDeviceStateDetails
Object ID	1.3.6.1.4.1.674.10892.1.200.10.1.20
Description	Defines the state of all cooling devices in this chassis. The results are returned as a binary octet string. Each byte of the octet string represents the state of a specific cooling device. The first byte returned represents the state of the first cooling device, the second byte returned represents the state of the second cooling device, and so on. The bytes have the same definition type as DellStateSettings.
Syntax	Octet String (Size (1..128))

Access Read-only

Table 53. System State Cooling Device Status Combined

Name systemStateCoolingDeviceStatusCombined
Object ID 1.3.6.1.4.1.674.10892.1.200.10.1.21
Description This attribute defines the cooling device status of all cooling devices in this chassis. The results is returned as a combined status value. The value has the same definition type as DellStatus.
Syntax DellStatus
Access Read-only

Table 54. System State Cooling Device Status Details

Name systemStateCoolingDeviceStatusDetails
Object ID 1.3.6.1.4.1.674.10892.1.200.10.1.22
Description Defines the status of all cooling devices in this chassis. The results are returned as a binary octet string. Each byte of the octet string represents the status of a specific cooling device. The first byte returned represents the status of the first cooling device, the second byte returned represents the status of the second cooling device, and so on. The bytes have the same definition type as DellStatus.
Syntax Octet String (Size (1..128))
Access Read-only

Table 55. System State Temperature State Details

Name systemStateTemperatureStateDetails
Object ID 1.3.6.1.4.1.674.10892.1.200.10.1.23
Description Defines the state of all temperature probes in this chassis. The results are returned as a binary octet string. Each byte of the octet string represents the state of a specific temperature probe. The first byte returned represents the state of the first temperature probe, the second byte returned represents the status of the second temperature probe, and so on. The bytes have the same definition type as DellStateSettings.
Syntax Octet String (Size(1..128))
Access Read-only

Table 56. System State Temperature Status Combined

Name systemStateTemperatureStatusCombined
Object ID 1.3.6.1.4.1.674.10892.1.200.10.1.24
Description Defines the status of all temperature probes in this chassis. The result is returned as a combined status value. The value has the same definition type as DellStatus.

Syntax	DellStatus
Access	Read-only

Table 57. System State Temperature Status Details

Name	systemStateTemperatureStatusDetailsly
Object ID	1.3.6.1.4.1.674.10892.1.200.10.1.25
Description	Defines the status of all temperature probes in this chassis. The first byte returned represents the status of the first temperature probe, the second byte returned represents the status of the second temperature probe, and so on.
Syntax	Octet String (Size(1..128))
Access	Read-on

Table 58. System State Memory Device State Details

Name	systemStateMemoryDeviceStateDetails
Object ID	1.3.6.1.4.1.674.10892.1.200.10.1.26
Description	Defines the state of all memory devices in this chassis. The results are returned as a binary octet string. Each byte of the octet string represents the state of the specific memory device. The first byte returned represents the state of the first memory device, the second byte returned represents the status of the second memory device, and so on. The bytes have the same definition type as DellStateSettings.
Syntax	Octet String (Size(1..128))
Access	Read-only

Table 59. System State Memory Device Status Combined

Name	systemStateMemoryDeviceStatusCombined
Object ID	1.3.6.1.4.1.674.10892.1.200.10.1.27
Description	Defines the status of all memory devices in this chassis.
Syntax	DellStatus
Access	Read-only

Table 60. System State Memory Device Status Details

Name	systemStateMemoryDeviceStatusDetails
Object ID	1.3.6.1.4.1.674.10892.1.200.10.1.28
Description	Defines the status of all memory devices in this chassis. The results are returned as a binary octet string. Each byte of the octet string represents the status of a specific memory device. The first byte returned represents the status of the first memory device, the second byte returned represents the status of the second memory device, and so on. The bytes have the same definition type as DellStatus.

Syntax	Octet String (Size(1..128))
Access	Read-only

Table 61. System State Chassis Intrusion State Details

Name	systemStateChassisIntrusionStateDetails
Object ID	1.3.6.1.4.1.674.10892.1.200.10.1.29
Description	Defines the intrusion state of all intrusion detection devices in this chassis. The results are returned as a binary octet string. Each byte of the octet string represents the status of a specific intrusion detection device. The first byte returned represents the status of the first intrusion detection device, the second byte returned represents the status of the second intrusion detection device, and so on. The bytes have the same definition type as DellStateSettings.
Syntax	Octet String (Size(1..128))
Access	Read-only

Table 62. System State Chassis Intrusion Status Combined

Name	systemStateChassisIntrusionStatusCombined
Object ID	1.3.6.1.4.1.674.10892.1.200.10.1.30
Description	Defines the intrusion status of all intrusion detection devices in this chassis. The result is returned as a combined status value. The value has the same definition type as DellStatus.
Syntax	DellStatus
Access	Read-only

Table 63. System State Chassis Intrusion Status Details

Name	systemStateChassisIntrusionStatusDetails
Object ID	1.3.6.1.4.1.674.10892.1.200.10.1.31
Description	Defines the intrusion status of all intrusion detection devices in this chassis. The first byte returned represents the status of the first intrusion detection device, the second byte returned represents the status of the second intrusion detection device, and so on.
Syntax	Octet String (Size(1..128))
Access	Read-only

Table 64. System State AC Power Switch State Details

Name	systemStateACPowerSwitchStateDetails
Object ID	1.3.6.1.4.1.674.10892.1.200.10.1.32

Description	Defines the individual state of all AC power switches in this chassis. The first byte returned represents the state of the first AC power switch, the second byte returned represents the state of the second AC power switch, and so on.
Syntax	Octet String (Size(1..128))
Access	Read-only

Table 65. System State AC Power Switch Status Redundancy

Name	<code>systemStateACPowerSwitchStatusRedundancy</code>
Object ID	1.3.6.1.4.1.674.10892.1.200.10.1.33
Description	Defines the overall redundancy status of the AC power switches in this chassis.
Syntax	DellStatusRedundancy
Access	Read-only

Table 66. System State AC Power Switch Status Details

Name	<code>systemStateACPowerSwitchStatusDetails</code>
Object ID	1.3.6.1.4.1.674.10892.1.200.10.1.34
Description	Defines the individual status of all AC power switches in this chassis. The first byte returned represents the status of the first AC power switch, the second byte returned represents the status of the second AC power switch, and so on.
Syntax	Octet String (Size(1..128))
Access	Read-only

Table 67. System State AC Power Cord State Details

Name	<code>systemStateACPowerCordStateDetails</code>
Object ID	1.3.6.1.4.1.674.10892.1.200.10.1.35
Description	Defines the individual state of all AC power cords for any AC power switches in this chassis. The first byte returned represents the state of the first AC power cord, the second byte returned represents the state of the second AC power cord, and so on.
Syntax	Octet String (Size(1..128))
Access	Read-only

Table 68. System State AC Power Cord Status Combined

Name	<code>systemStateACPowerCordStatusCombined</code>
Object ID	1.3.6.1.4.1.674.10892.1.200.10.1.36
Description	Defines the overall status of all AC power cords for any AC power switches in this chassis.
Syntax	DellStatus

Access Read-only

Table 69. System State AC Power Cord Status Details

Name systemStateACPowerCordStatusDetails
Object ID 1.3.6.1.4.1.674.10892.1.200.10.1.37
Description Defines the individual status of all AC power cords for any AC power switches in this chassis. The first byte returned represents the status of the first AC power cord, the second byte returned represents the status of the second AC power cord, and so on.
Syntax Octet String (SIZE(1..128))
Access Read-only

Table 70. System State Redundant Memory Unit State Details

Name systemStateRedundantMemoryUnitStateDetails
Object ID 1.3.6.1.4.1.674.10892.1.200.10.1.38
Description Defines the state of all redundant memory units in this chassis. The results are returned as a binary octet string, each byte of the octet string represents the state of the specific object. The first byte returned represents the state of the first object, and so on. The bytes have the same definition type as DellStateSettings.
Syntax Octet String (Size(1..128))
Access Read-only

Table 71. System State Redundant Memory Unit Status Redundancy

Name systemStateRedundantMemoryUnitStatusRedundancy
Object ID 1.3.6.1.4.1.674.10892.1.200.10.1.39
Description Defines the overall redundancy status for redundant memory.
Syntax DellStatusRedundancy
Access Read-only

Table 72. System State Redundant Memory Unit Status Details

Name systemStateRedundantMemoryUnitStatusDetails
Object ID 1.3.6.1.4.1.674.10892.1.200.10.1.40
Description Defines the status of all redundant memory units in this chassis. The results are returned as a binary octet string, each byte of the octet string represents the status of the specific object. The first byte returned represents the status of the first object, and so on. The bytes have the same definition type as DellStatusRedundancy.
Syntax Octet String (Size(1..128))

Access Read-only

Table 73. System State Event Log Status

Name `systemStateEventLogStatus`
Object ID 1.3.6.1.4.1.674.10892.1.200.10.1.41
Description Defines the overall status of this chassis (ESM) event log.
Syntax DellStatus
Access Read-only

Table 74. System State Power Unit Status Combined

Name `systemStatePowerUnitStatusCombined`
Object ID 1.3.6.1.4.1.674.10892.1.200.10.1.42
Description Defines the combined status of all power units of this chassis.
Syntax DellStatus
Access Read-only

Table 75. System State Power Unit Status List

Name `systemStatePowerUnitStatusList`
Object ID 1.3.6.1.4.1.674.10892.1.200.10.1.43
Description Lists the status of each power unit of this chassis. The results are returned as a binary octet string where each byte of the octet string represents the status of a power unit. The first byte returned represents the status of the first power unit, and so on. The bytes have the same definition type as DellStatus.
Syntax Octet String (Size(1..128))
Access Read-only

Table 76. System State Cooling Unit Status Combined

Name `systemStateCoolingUnitStatusCombined`
Object ID 1.3.6.1.4.1.674.10892.1.200.10.1.44
Description Defines the combined status of all cooling units of this chassis.
Syntax DellStatus
Access Read-only

Table 77. System State Cooling Unit Status List

Name `systemStateCoolingUnitStatusList`
Object ID 1.3.6.1.4.1.674.10892.1.200.10.1.45

Description	Lists the status of each cooling unit of this chassis. The results are returned as a binary octet string where each byte of the octet string represents the status of a cooling unit. The first byte returned represents the status of the first cooling unit, and so on. The bytes have the same definition type as DellStatus.
Syntax	Octet String (Size(1..128))
Access	Read-only

Table 78. System State AC Power Switch Status Combined

Name	<code>systemStateACPowerSwitchStatusCombined</code>
Object ID	1.3.6.1.4.1.674.10892.1.200.10.1.46
Description	Defines the combined status of all AC power switches of this chassis.
Syntax	DellStatus
Access	Read-only

Table 79. System State AC Power Switch Status List

Name	<code>systemStateACPowerSwitchStatusList</code>
Object ID	1.3.6.1.4.1.674.10892.1.200.10.1.47
Description	Lists the status of each AC power switch of this chassis. The results are returned as a binary octet string where each byte of the octet string represents the status of an AC power switch. The first byte returned represents the status of the first AC power switch, and so on. The bytes have the same definition type as DellStatus.
Syntax	Octet String (Size(1..128))
Access	Read-only

Table 80. System State Redundant Memory Unit Status Combined

Name	<code>systemStateRedundantMemoryUnitStatusCombined</code>
Object ID	1.3.6.1.4.1.674.10892.1.200.10.1.48
Description	Defines the combined status of all redundant memory units of this chassis.
Syntax	DellStatus
Access	Read-only

Table 81. System State Redundant Memory Unit Status List

Name	<code>systemStateRedundantMemoryUnitStatusList</code>
Object ID	1.3.6.1.4.1.674.10892.1.200.10.1.49
Description	Lists the status of each redundant memory unit of this chassis. The results are returned as a binary octet string where each byte of the octet string represents the status of a redundant memory unit. The first byte returned represents the status of the first redundant memory unit, and so on. The bytes have the same definition type as DellStatus.

Syntax	Octet String (Size(1..128))
Access	Read-only

Table 82. System State Processor Device Status Combined

Name	systemStateProcessorDeviceStatusCombined
Object ID	1.3.6.1.4.1.674.10892.1.200.10.1.50
Description	Defines the combined status of all processor devices of this chassis.
Syntax	DellStatus
Access	Read-only

Table 83. System State Processor Device Status List

Name	systemStateProcessorDeviceStatusList
Object ID	1.3.6.1.4.1.674.10892.1.200.10.1.51
Description	Lists the status of each processor device of this chassis. The results are returned as a binary octet string where each byte of the octet string represents the status of a processor device. The first byte returned represents the status of the first processor device, and so on. The bytes have the same definition type as DellStatus.
Syntax	Octet String (Size(1..128))
Access	Read-only

Table 84. System State Battery Status Combined

Name	systemStateBatteryStatusCombined
Object ID	1.3.6.1.4.1.674.10892.1.200.10.1.52
Description	Defines the combined status of all batteries of this chassis.
Syntax	DellStatus
Access	Read-only

Table 85. System State Battery Status List

Name	systemStateBatteryStatusList
Object ID	1.3.6.1.4.1.674.10892.1.200.10.1.53
Description	Lists the status of each battery of this chassis. The results are returned as a binary octet string where each byte of the octet string represents the status of a battery. The first byte returned represents the status of the first battery, and so on. The bytes have the same definition type as DellStatus.
Syntax	Octet String (Size(1..128))
Access	Read-only

Table 86. System State SD Card Unit Status Combined

Name	<code>systemStateSDCardUnitStatusCombined</code>
Object ID	1.3.6.1.4.1.674.10892.1.200.10.1.54
Description	Defines the combined status of all SD Card units of this chassis.
Syntax	DellStatus
Access	Read-only

Table 87. System State SD Card Unit Status List

Name	<code>systemStateSDCardUnitStatusList</code>
Object ID	1.3.6.1.4.1.674.10892.1.200.10.1.55
Description	Lists the status of each SD Card unit of this chassis. The results are returned as a binary octet string where each byte of the octet string represents the status of a SD Card unit. The first byte returned represents the status of the first SD Card unit, and so on. The bytes have the same definition type as DellStatus.
Syntax	Octet String (Size(1..128))
Access	Read-only

Table 88. System State SD Card Device Status Combined

Name	<code>systemStateSDCardDeviceStatusCombined</code>
Object ID	1.3.6.1.4.1.674.10892.1.200.10.1.56
Description	Defines the combined status of all SD Card devices of this chassis.
Syntax	DellStatus
Access	Read-only

Table 89. System State SD Card Device Status List

Name	<code>systemStateSDCardDeviceStatusList</code>
Object ID	1.3.6.1.4.1.674.10892.1.200.10.1.57
Description	Lists the status of each SD Card device of this chassis. The results are returned as a binary octet string where each byte of the octet string represents the status of a SD Card device. The first byte returned represents the status of the first SD Card device, and so on. The bytes have the same definition type as DellStatus.
Syntax	Octet String (Size(1..128))
Access	Read-only

Chassis Information Group

The Chassis Information Group objects provide information about the modular chassis in which a blade system resides.


 **NOTE:** This Chassis information is only available for modular/blade systems. For Rack and Tower systems, the information is empty. Currently there is just one object under the Chassis Information Group.

Table 90. Chassis Service Tag

Name	chassisServiceTag
Object ID	1.3.6.1.4.1.674.10892.5.1.2.1.0
	This attribute defines the service tag of the enclosing chassis.
	StringType
	Read-only

Chassis Information Group Tables

The following management information base (MIB) tables define the objects in the Chassis Information Group:

- [Chassis Information Table](#)
- [UUID Table](#)
- [POST Log Table](#)
- [Event Log Table](#)
- [System BIOS Table](#)
- [Firmware Table](#)
- [Intrusion Table](#)
- [Baseboard Table](#)

Chassis Information Table

The following object sets up the Chassis Information Table.

Table 91. Chassis Information Table

Name	chassisInformationTable
Object ID	1.3.6.1.4.1.674.10892.1.300.10
Description	Defines the chassis information table.
Syntax	SEQUENCE OF ChassisInformationTableEntry
Access	Not accessible

Chassis Information Table Entry

Name	chassisInformationTableEntry
Object ID	1.3.6.1.4.1.674.10892.1.300.10.1
Description	Defines the chassis information table entry.
Syntax	ChassisInformationTableEntry
Access	Not accessible
Index	chassisIndexChassisInformation

Chassis Index Chassis Information

Name	chassisIndexChassisInformation
Object ID	1.3.6.1.4.1.674.10892.1.300.10.1.1
Description	Defines the index (one-based) of this chassis. The first chassis is numbered one.
Syntax	DellObjectRange
Access	Read-only

Chassis State Capabilities

Name	chassisStateCapabilities
Object ID	1.3.6.1.4.1.674.10892.1.300.10.1.2
Description	Defines the capabilities of the chassis.
Syntax	DellStateCapabilities
Access	Read-only

Chassis State Settings

Name	chassisStateSettings
Object ID	1.3.6.1.4.1.674.10892.1.300.10.1.3
Description	Defines the state settings for the chassis.
Syntax	DellStateSettings
Access	Read-write

Chassis Status

Name	chassisStatus
Object ID	1.3.6.1.4.1.674.10892.1.300.10.1.4
Description	Defines the status of the chassis.
Syntax	DellStatus
Access	Read-only

Chassis Parent Index Reference

Name	chassisparentIndexReference
Object ID	1.3.6.1.4.1.674.10892.1.300.10.1.4
Description	Defines the index (one-based) of the parent chassis of this chassis, if any. A zero (0) means that this chassis is the parent of all other chassis managed by the Server Administrator.
Syntax	DellObjectRange
Access	Read-only

Chassis Type

Name	chassisType
Object ID	1.3.6.1.4.1.674.10892.1.300.10.1.6
Description	Defines the chassis type.
Syntax	DellChassisType (See)
Access	Read-only

Chassis Name

Name	chassisName
Object ID	1.3.6.1.4.1.674.10892.1.300.10.1.7
Description	Defines the user-assigned chassis name of the chassis.
Syntax	DellString
Access	Read-write

Chassis Manufacturer Name

Name	chassisManufacturerName
Object ID	1.3.6.1.4.1.674.10892.1.300.10.1.8
Description	Defines the manufacturer's name for this chassis.
Syntax	DellString
Access	Read-only

Chassis Model Name

Name	chassisModelName
Object ID	1.3.6.1.4.1.674.10892.1.300.10.1.9
Description	Defines the system model type for this chassis.
Syntax	DellString
Access	Read-only

Chassis Asset Tag Name

Name	chassisAssetTagName
Object ID	1.3.6.1.4.1.674.10892.1.300.10.1.10
Description	Defines the user-assigned asset tag name for this chassis.
Syntax	DisplayString (SIZE (0..10))
Access	Read-write

Chassis Service Tag Name

Name	chassisServiceTagName
Object ID	1.3.6.1.4.1.674.10892.1.300.10.1.11
Description	Defines the service tag name for this chassis.
Syntax	DisplayString (SIZE (0..7))
Access	Read-only

Chassis ID

Name	chassisID
Object ID	1.3.6.1.4.1.674.10892.1.300.10.1.12
Description	Defines the asset tag name for this chassis.
Syntax	DellUnsigned8BitRange
Access	Read-only

Chassis ID Extension

Name	chassisIDExtension
Object ID	1.3.6.1.4.1.674.10892.1.300.10.1.13
Description	Defines the SMBIOS machine ID of this chassis.
Syntax	DellUnsigned16BitRange
Access	Read-only

Chassis System Class

Name	chassisSystemClass
Object ID	1.3.6.1.4.1.674.10892.1.300.10.1.14
Description	Defines the chassis class of this chassis.
Syntax	DellChassisSystemClass (See Chassis Type)
Access	Read-only

Chassis System Name

Name	chassisSystemName
Object ID	1.3.6.1.4.1.674.10892.1.300.10.1.15
Description	Defines the system name of this chassis.
Syntax	DellString
Access	Read-only

Chassis System Boot Date Name

Name	chassisSystemBootDateName
Object ID	1.3.6.1.4.1.674.10892.1.300.10.1.16
Description	Defines the boot time of this system.
Syntax	DellDateName
Access	Read-only

Chassis System Date Name

Name	chassisSystemDateName
Object ID	1.3.6.1.4.1.674.10892.1.300.10.1.17
Description	Defines the current time on this system.
Syntax	DellDateName
Access	Read-only

Chassis System Location Name

Name	chassisSystemLocationName
Object ID	1.3.6.1.4.1.674.10892.1.300.10.1.18
Description	Defines the user-assigned location for this chassis.
Syntax	DellString
Access	Read-write

Chassis System Primary User Name

Name	chassisSystemPrimaryUserName
Object ID	1.3.6.1.4.1.674.10892.1.300.10.1.19
Description	Defines the user-assigned primary user name for this chassis.
Syntax	DellString
Access	Read-write

Chassis System User Phone Number Name

Name	chassisSystemUserPhoneNumberName
Object ID	1.3.6.1.4.1.674.10892.1.300.10.1.20
Description	Defines the user-assigned phone number of the primary user of the system.
Syntax	DellString
Access	Read-write

Chassis Connection Status Unique

Name	chassisConnectionStatusUnique
Object ID	1.3.6.1.4.1.674.10892.1.300.10.1.21
Description	Defines the status of the connection from the system chassis to an expansion chassis.
Syntax	DellConnectionStatus (See Connection Status)
Access	Read-only

Chassis Fan Control Capabilities Unique

Name	chassisFanControlCapabilitiesUnique
Object ID	1.3.6.1.4.1.674.10892.1.300.10.1.22
Description	Defines the capabilities of the fan control function in this chassis.
Syntax	DellFanControlCapabilities (See Fan Control Capabilities)
Access	Read-only

Chassis Fan Control Settings Unique

Name	chassisFanControlSettingsUnique
Object ID	1.3.6.1.4.1.674.10892.1.300.10.1.23
Description	Defines the readings and settings of the fan control hardware in the chassis.
Syntax	DellFanControlSettings
Access	Read-write

Chassis LED Control Capabilities Unique

Name	chassisLEDControlCapabilitiesUnique
Object ID	1.3.6.1.4.1.674.10892.1.300.10.1.24
Description	Defines the capabilities of the LED control function in the chassis.
Syntax	DellLEDControlCapabilities (See Front-Panel LED Control CapabilitiesVariable)
Access	Read-only

Chassis LED Control Settings Unique

Name	chassisLEDControlSettingsUnique
Object ID	1.3.6.1.4.1.674.10892.1.300.10.1.25
Description	Defines the readings and settings of the LED control hardware in the chassis.
Syntax	DellLEDControlSettings (See Front-Panel LED Control Settings)
Access	Read-write

Chassis Hard-Drive (HD) Fault Clear Control Capabilities

Name	chassisHDFaultClearControlCapabilities
Object ID	1.3.6.1.4.1.674.10892.1.300.10.1.26
Description	Specifies whether the chassis allows reset of the chassis hard-drive fault LED.
Syntax	DellHDFaultLEDControlCapabilities (See Hard-Drive Fault LED Control Capabilities)
Access	Read-only

Chassis HD Fault Clear Control Settings

Name	chassisHDFaultClearControlSettings
Object ID	1.3.6.1.4.1.674.10892.1.300.10.1.27
Description	Allows reset of the chassis hard-drive fault LED.
Syntax	DellHDFaultLEDControlSettings (See Hard-Drive Fault LED Control Settings)
Access	Read-write

Chassis Identify Flash Control Capabilities

Name	chassisIdentifyFlashControlCapabilities
Object ID	1.3.6.1.4.1.674.10892.1.300.10.1.28
Description	Specifies whether the chassis front-panel LED can be set to flash.
Syntax	DellChassisIdentifyControlCapabilities (See Chassis Identification Control Capabilities)
Access	Read-only

Chassis Identify Flash Control Settings

Name	chassisIdentifyFlashControlSettings
Object ID	1.3.6.1.4.1.674.10892.1.300.10.1.29
Description	Causes the chassis front-panel LED to flash.
Syntax	DellChassisIdentifyControlSettings (See Chassis Identification Control Capabilities)
Access	Read-write

Chassis Lock Present

Name	chassisLockPresent
Object ID	1.3.6.1.4.1.674.10892.1.300.10.1.30
Description	Specifies whether a chassis lock is present on the chassis.
Syntax	DellBoolean
Access	Read-only

Chassis Host Control Capabilities Unique

Name	chassishostControlCapabilitiesUnique
Object ID	1.3.6.1.4.1.674.10892.1.300.10.1.31
Description	Defines the capabilities of the host control object.
Syntax	DellHostControlCapabilities (See Host Control Capabilities)
Access	Read-only

Chassis Host Control Settings Unique

Name	chassishostControlSettingsUnique
Object ID	1.3.6.1.4.1.674.10892.1.300.10.1.32
Description	Defines the current settings of the host control object.
Syntax	DellHostControlSettings (See Host Control Settings)
Access	Read-write

Chassis Watchdog Control Capabilities Unique

Name	chassiswatchDogControlCapabilitiesUnique
Object ID	1.3.6.1.4.1.674.10892.1.300.10.1.33
Description	Defines the capabilities of the watchdog timer object.
Syntax	DellWatchDogControlCapabilities (See Watchdog Control Capabilities)
Access	Read-only

Chassis Watchdog Control Settings Unique

Name	chassiswatchDogControlSettingsUnique
Object ID	1.3.6.1.4.1.674.10892.1.300.10.1.34
Description	Defines the current settings and the values allowed to be set for the watchdog timer object.
Syntax	DellWatchDogControlCapabilities (See Watchdog Control Capabilities)
Access	Read-write

Chassis Watchdog Control Expiry Time Capabilities Unique

Name	chassiswatchDogControlExpiryTimeCapabilitiesUnique
Object ID	1.3.6.1.4.1.674.10892.1.300.10.1.35
Description	Defines the capabilities of the watchdog expiry timer object.
Syntax	DellWatchDogTimerCapabilities (See Watchdog Timer Capabilities)
Access	Read-only

Chassis Watchdog Control Expiry Time

Name	chassiswatchDogControlExpiryTime
Object ID	1.3.6.1.4.1.674.10892.1.300.10.1.36
Description	Defines the current reading and allows setting of the nonrecoverable watchdog expiry timer object.
Syntax	DellUnsigned16BitRange
Access	Read-write

Chassis Allow Set Commands From SNMP

Name	chassisallowSETCommandsfromSNMP
Object ID	1.3.6.1.4.1.674.10892.1.300.10.1.37
Description	Specifies whether Simple Network Management Protocol (SNMP) Set type commands are allowed by Server Administrator. This attribute does not reflect whether SNMP Set type commands are allowed by the SNMP master agent.
Syntax	DellBoolean
Access	Read-only

Chassis Power Button Control Capabilities Unique

Name	chassisPowerButtonControlCapabilitiesUnique
Object ID	1.3.6.1.4.1.674.10892.1.300.10.1.38
Description	Defines the capabilities of the power button control function.
Syntax	DellPowerButtonControlCapabilities (See Power Button Control Capabilities)
Access	Read-only

Chassis Power Button Control Settings Unique

Name	chassisPowerButtonControlSettingsUnique
Object ID	1.3.6.1.4.1.674.10892.1.300.10.1.39
Description	Defines the current reading and allows setting of the power button control hardware

Syntax DellPowerButtonControlSettings (See [Power Button Control Settings](#))
Access Read-write

Chassis Reseller Name

Name chassisResellerName
Object ID 1.3.6.1.4.1.674.10892.1.300.10.1.40
Description Defines the name of the chassis reseller.
Syntax DisplayString (SIZE (0..128))
Access Read-only

Chassis Reseller Contact Information Name

Name chassisResellerContactInformationName
Object ID 1.3.6.1.4.1.674.10892.1.300.10.1.41
Description Defines the chassis reseller contact information name.
Syntax DisplayString (SIZE (0..128))
Access Read-only

Chassis Reseller Product Name

Name chassisResellerProductName
Object ID 1.3.6.1.4.1.674.10892.1.300.10.1.42
Description Defines the chassis reseller product name.
Syntax DisplayString (SIZE (0..128))
Access Read-only

Chassis Reseller System ID

Name chassisResellerSystemID
Object ID 1.3.6.1.4.1.674.10892.1.300.10.1.43
Description Defines the chassis reseller system ID.
Syntax DellUnsigned16BitRange
Access Read-only

Chassis NMI Button Control Capabilities Unique

Name chassisNMIButtonControlCapabilitiesUnique
Object ID 1.3.6.1.4.1.674.10892.1.300.10.1.44
Description Defines the capabilities of the NMI button control function.
Syntax DellNMIButtonControlCapabilities (See [NMI Button Control Capabilities](#))

Access Read-only

Chassis NMI Button Control Settings Unique

Name chassisNMIButtonControlSettingsUnique
Object ID 1.3.6.1.4.1.674.10892.1.300.10.1.45
Description Defines the current reading and allows setting of the NMI button control hardware.
Syntax DellNMIButtonControlSettings (See [NMI Button Control Settings](#))
Access Read-write

Chassis System Properties

Name chassisSystemProperties
Object ID 1.3.6.1.4.1.674.10892.1.300.10.1.46
Description Defines the properties of the system.
Syntax DellSystemProperties (See [System Properties](#))
Access Read-only

Chassis System Revision Number

Name chassisSystemRevisionNumber
Object ID 1.3.6.1.4.1.674.10892.1.300.10.1.47
Description Defines the revision number of the system where zero indicates the original version of the system. The revision number is not available on all systems.
Syntax DellUnsigned8BitRange
Access Read-only

Chassis System Revision Name

Name chassisSystemRevisionName
Object ID 1.3.6.1.4.1.674.10892.1.300.10.1.48
Description Defines the revision name of the system, if applicable.
Syntax DellString
Access Read-only

Chassis Express Service Code Name

Name chassisExpressServiceCodeName
Object ID 1.3.6.1.4.1.674.10892.1.300.10.1.49
Description Defines the express service code of the chassis.
Syntax DellString

Access Read-only

UUID Table

These objects comprise the server administrator definitions for the Universal Unique Identifier (UUID).

Table 92. UUID Table

Name	uUIDTable
Object ID	1.3.6.1.4.1.674.10892.1.300.20
Description	Defines the UUID table.
Syntax	SEQUENCE OF UUIDTableEntry
Access	Not accessible

Table 93. UUID Table Entry

Name	uUIDTableEntry
Object ID	1.3.6.1.4.1.674.10892.1.300.20.1
Description	Defines the UUID table entry.
Syntax	UUIDTableEntry
Access	Not accessible
Index	uUIDIndex , uUIDchassisIndex

Table 94. UUID Chassis Index

Name	uUIDchassisIndex
Object ID	1.3.6.1.4.1.674.10892.1.300.20.1.1
Description	Defines the index (one-based) of this chassis.
Syntax	DellObjectRange
Access	Read-only

Table 95. UUID Index

Name	uUIDIndex
Object ID	1.3.6.1.4.1.674.10892.1.300.20.1.2
Description	Defines the index of the UUID in a specified chassis.
Syntax	DellObjectRange
Access	Read-only

Table 96. UUID Type

Name	uUUIDType
Object ID	1.3.6.1.4.1.674.10892.1.300.20.1.3
Description	Defines the type of the UUID for this chassis.
Syntax	DellUUIDType
Access	Read-only

Table 97. UUID Value

Name	uUUIDValue
Object ID	1.3.6.1.4.1.674.10892.1.300.20.1.4
Description	Defines the value of the UUID for this chassis.
Syntax	Octet String (SIZE(16))
Access	Read-only

POST Log Table

This section defines attributes for the power-on self-test (POST) log. When you turn on your computer, the POST checks various system components before the operating system loads. The POST tests the random-access memory (RAM), the hard drives, and the keyboard, for example. While the POST is running, it makes a log file that system administrators can view. The variables in this section also contribute to managing the POST log.

Table 98. POST Log Table

Name	postLogTable
Object ID	1.3.6.1.4.1.674.10892.1.300.30
Description	Defines the POST Log Table.
Syntax	SEQUENCE OF PostLogTableEntry
Access	Not accessible

Table 99. POST Log Table Entry

Name	postLogTableEntry
Object ID	1.3.6.1.4.1.674.10892.1.300.30.1
Description	Defines the POST Log Table entry.
Syntax	PostLogTableEntry
Access	Not accessible
Index	postLogchassisIndex , postLogRecordIndex

Table 100. POST Log Chassis Index

Name	postLogchassisIndex
Object ID	1.3.6.1.4.1.674.10892.1.300.30.1.1
Description	Defines the index (one-based) of this chassis.
Syntax	DellObjectRange
Access	Read-only

Table 101. POST Log Record Index

Name	postLogRecordIndex
Object ID	1.3.6.1.4.1.674.10892.1.300.30.1.2
Description	Defines the record number (one-based) of the POST log.
Syntax	DellUnsigned32BitRange
Access	Read-only

Table 102. POST Log State Capabilities Unique

Name	postLogStateCapabilitiesUnique
Object ID	1.3.6.1.4.1.674.10892.1.300.30.1.3
Description	Defines the capabilities of the object that is writing the POST log.
Syntax	DellStateCapabilitiesLogUnique
Access	Read-only

Table 103. POST Log State Settings Unique

Name	postLogStateSettingsUnique
Object ID	1.3.6.1.4.1.674.10892.1.300.30.1.4
Description	Defines the state of the object that is writing the POST log.
Syntax	DellStateSettingsLogUnique
Access	Read-write

Table 104. POST Log Record

Name	postLogRecord
Object ID	1.3.6.1.4.1.674.10892.1.300.30.1.5
Description	Defines the data for the specified chassis and record index in the POST log being returned.
Syntax	DisplayString (SIZE (0..1024))
Access	Read-only

Table 105. POST Log Format

Name	postLogFormat
Object ID	1.3.6.1.4.1.674.10892.1.300.30.1.5
Description	Defines format of the POST log.
Syntax	DellLogFormat (See Log Format)
Access	Read-only

Event Log Table

Table 106. Event Log Table

Name	eventLogTableEntry
Object ID	1.3.6.1.4.1.674.10892.1.300.40
Description	Defines the Event Log Table.
Syntax	SEQUENCE OF EventLogTableEntry
Access	Not accessible

Table 107. Event Log Table Entry

Name	eventLogTableEntry
Object ID	1.3.6.1.4.1.674.10892.1.300.40.1
Description	Defines the event Log Table Entry.
Syntax	EventLogTableEntry
Access	Not accessible
Index	eventLogchassisIndex , eventLogRecordIndex

Table 108. Event Log Chassis Index

Name	eventLogchassisIndex
Object ID	1.3.6.1.4.1.674.10892.1.300.40.1.1
Description	Defines the index (one-based) of this chassis.
Syntax	DellObjectRange
Access	Read-only

Table 109. Event Log Record Index

Name	eventLogRecordIndex
Object ID	1.3.6.1.4.1.674.10892.1.300.40.1.2

Description	Defines the record index of the event log.
Syntax	DellUnsigned32BitRange
Access	Read-only

Table 110. Event Log State Capabilities Unique

Name	eventLogStateCapabilitiesUnique
Object ID	1.3.6.1.4.1.674.10892.1.300.40.1.3
Description	Defines the capabilities of the object that is writing the event log.
Syntax	DellStateCapabilitiesLogUnique
Access	Read-only

Table 111. Event Log State Settings Unique

Name	eventLogStateSettingsUnique
Object ID	1.3.6.1.4.1.674.10892.1.300.40.1.4
Description	Defines the state settings for the object that is writing the event log.
Syntax	DellStateSettingsLogUnique
Access	Read-write

Table 112. Event Log Record

Name	eventLogRecord
Object ID	1.3.6.1.4.1.674.10892.1.300.40.1.5
Description	Defines the data for the specified chassis and log record index in the event log being returned.
Syntax	DisplayString (SIZE (0..1024))
Access	Read-only

Table 113. Event Log Format

Name	eventLogFormat
Object ID	1.3.6.1.4.1.674.10892.1.300.40.1.6
Description	Defines the format of the event log.
Syntax	DellLogFormat (See Log Format)
Access	Read-only

Table 114. Event Log Severity Status

Name	eventLogSeverityStatus
Object ID	1.3.6.1.4.1.674.10892.1.300.40.1.7

Description	Defines the severity of the event log record.
Syntax	DellStatus
Access	Read-only
Status	Mandatory

Table 115. Event Log Date Name

Name	eventLogDateName
Object ID	1.3.6.1.4.1.674.10892.1.300.40.1.8
Description	Defines the date and time of the event log record.
Syntax	DellDateName
Access	Read-only
Status	Mandatory

System BIOS Table

This table lists objects that define the system's basic input/output system (BIOS).

Table 116. System BIOS Table

Name	systemBIOSTable
Object ID	1.3.6.1.4.1.674.10892.1.300.50
Description	Defines the System BIOS Table.
Syntax	SEQUENCE OF SystemBIOSTableEntry
Access	Not accessible

Table 117. System BIOS Table Entry

Name	systemBIOSTableEntry
Object ID	1.3.6.1.4.1.674.10892.1.300.50.1
Description	Defines the System BIOS Table entry.
Syntax	SystemBIOSTableEntry
Access	Not accessible
Index	systemBIOSchassisIndex , systemBIOSIndex

Table 118. System BIOS Chassis Index

Name	systemBIOSchassisIndex
Object ID	1.3.6.1.4.1.674.10892.1.300.50.1.1

Description	Defines the index (one-based) of this chassis.
Syntax	DellObjectRange
Access	Read-only

Table 119. System BIOS Index

Name	systemBIOSIndex
Object ID	1.3.6.1.4.1.674.10892.1.300.50.1.2
Description	Defines the index (one-based) of the system BIOS of this object.
Syntax	DellObjectRange
Access	Read-only

Table 120. System BIOS State Capabilities

Name	systemBIOSStateCapabilities
Object ID	1.3.6.1.4.1.674.10892.1.300.50.1.3
Description	Defines the capabilities of the system BIOS of this object.
Syntax	DellStateCapabilities
Access	Read-only

Table 121. System BIOS State Settings

Name	systemBIOSStateSettings
Object ID	1.3.6.1.4.1.674.10892.1.300.50.1.4
Description	Defines the state of the system BIOS of this object.
Syntax	DellStateSettings
Access	Read-write

Table 122. System BIOS Status

Name	systemBIOSStatus
Object ID	1.3.6.1.4.1.674.10892.1.300.50.1.5
Description	Defines the status of the system BIOS of this object.
Syntax	DellStatus
Access	Read-only

Table 123. System BIOS Size

Name	systemBIOSSize
Object ID	1.3.6.1.4.1.674.10892.1.300.50.1.6

Description	Defines the image size of the system BIOS in kilobytes (KB). A zero (0) indicates that the image size of the BIOS is unknown.
Syntax	DellUnsigned32BitRange
Access	Read-only

Table 124. System BIOS Release Date Name

Name	systemBIOSReleaseDateName
Object ID	1.3.6.1.4.1.674.10892.1.300.50.1.7
Description	Defines the release date of the system BIOS.
Syntax	DellDateName
Access	Read-only

Table 125. System BIOS Version Name

Name	systemBIOSVersionName
Object ID	1.3.6.1.4.1.674.10892.1.300.50.1.8
Description	Defines the version name of the system BIOS.
Syntax	DellString
Access	Read-only

Table 126. System BIOS Starting Address

Name	systemBIOSStartingAddress
Object ID	1.3.6.1.4.1.674.10892.1.300.50.1.9
Description	Defines the starting address of the system BIOS. A zero (0) indicates that the address is unknown.
Syntax	DellUnsigned64BitRange
Access	Read-only

Table 127. System BIOS Ending Address

Name	systemBIOSEndingAddress
Object ID	1.3.6.1.4.1.674.10892.1.300.50.1.10
Description	Defines the ending address of the system BIOS. A zero (0) indicates that the address is unknown.
Syntax	DellUnsigned64BitRange
Access	Read-only

Table 128. System BIOS Manufacturer Name

Name	systemBIOSManufacturerName
Object ID	1.3.6.1.4.1.674.10892.1.300.50.1.11
Description	Defines the system BIOS manufacturer's name.
Syntax	DellString
Access	Read-only

Table 129. System BIOS Characteristics

Name	systemBIOSCharacteristics
Object ID	1.3.6.1.4.1.674.10892.1.300.50.1.12
Description	<p>Defines characteristics of the system BIOS. This attribute is a bit field where a bit has the meaning defined below when set to 1 (one). Bit 63 is the first bit in the value, and bit 0 is the last bit in the value. See the description of DellUnsigned64BitRange at the beginning of this file for more information on the format of the value.</p> <p>Bits 48-63 need to be examined in the context of the system ID. The system ID is available in the attribute chassisID. If the value for chassisID is non-zero, bits 48-63 have the meaning defined below</p>

Bit Position	Meaning if Set
Bit 0	Reserved
Bit 1	Reserved
Bit 2	Unknown
Bit 3	BIOS Characteristics Not Supported
Bit 4	ISA is supported
Bit 5	MCA is supported
Bit 6	EISA is supported
Bit 7	PCI is supported
Bit 8	PC Card (PCMCIA) is supported
Bit 9	Plug and Play is supported
Bit 10	APM is supported
Bit 11	BIOS is Upgradeable (Flash)
Bit 12	BIOS shadowing is allowed
Bit 13	VL-VESA is supported
Bit 14	ESCD support is available
Bit 15	Boot from CD is supported
Bit 16	Selectable Boot is supported
Bit 17	BIOS ROM is socketed
Bit 18	Boot From PC Card (PCMCIA) is supported

Bit 19	EDD (Enhanced Disk Drive) Specification is supported
Bit 20	Int 13h - Japanese Floppy for NEC 9800 1.2mb (3.5 in, 1k Bytes/Sector, 360 RPM) is supported
Bit 21	Int 13h - Japanese Floppy for Toshiba 1.2mb (3.5 in, 360 RPM) is supported
Bit 22	Int 13h - 5.25 in / 360 KB Floppy Services are supported
Bit 23	Int 13h - 5.25 in / 1.2MB Floppy Services are supported
Bit 24	Int 13h - 3.5 in / 720 KB Floppy Services are supported
Bit 25	Int 13h - 3.5 in / 2.88 MB Floppy Services are supported
Bit 26	Int 5h, Print Screen Service is supported
Bit 27	Int 9h, 8042 Keyboard services are supported
Bit 28	Int 14h, Serial Services are supported
Bit 29	Int 17h, Printer Services are supported
Bit 30	Int 10h, CGA/Mono Video Services are supported
Bit 31	NEC PC-98
Bit 32	-47Reserved
Bit 48	Built-in NIC supports Magic Packet
Bit 49	System supports Wake-on-LAN
Bit 50	System supports chassis intrusion
Bit 51	Built-in NIC supports pattern-matching
Bit 52	System BIOS supports a 7-character service tag
Bit 53	-63 Reserved

Syntax DellUnsigned64BitRange

Table 130. System BIOS Characteristics Ext 1

Name	systemBIOSCharacteristicsExt1	
Object ID	1.3.6.1.4.1.674.10892.1.300.50.1.13	
Description	Defines additional characteristics of the system basic input/output system (BIOS). This attribute is a bit field where a bit has the meaning defined below when set to 1 (one).	
	Bit Position	Meaning if Set
	Bit 0	ACPI supported

Bit 1	USB Legacy is supported
Bit 2	AGP is supported
Bit 3	I2O boot is supported
Bit 4	LS-120 boot is supported
Bit 5	ATAPI ZIP Drive boot is supported
Bit 6	1394 boot is supported
Bit 7	Smart Battery supported

Syntax DellUnsigned8BitRange
Access Read-only

Table 131. System BIOS Characteristics Ext 2

Name	systemBIOSCharacteristicsExt2	
Object ID	1.3.6.1.4.1.674.10892.1.300.50.1.14	
Description	Defines additional characteristics of the system BIOS. This attribute is a bit field where a bit has the meaning defined below when set to 1 (one).	
	Bit Position	Meaning if Set
	Bit 0	BIOS Boot Specification supported
	Bit 1	Function key-initiated Network Service boot supported
	Bit 2	Targeted Content Distribution supported
	Bit 3	7Reserved
Syntax	DellUnsigned8BitRange	
Access	Read-only	

Firmware Table

Table 132. Firmware Table

Name	firmwareTable
Object ID	1.3.6.1.4.1.674.10892.1.300.60
Description	Defines the Firmware Table.
Syntax	SEQUENCE OF FirmwareTableEntry
Access	Not accessible

Table 133. Firmware Table Entry

Name	firmwareTableEntry
Object ID	1.3.6.1.4.1.674.10892.1.300.60.1

Description	Defines the Firmware Table entry
Syntax	FirmwareTableEntry
Access	Not accessible
Index	firmwarechassisIndex , firmwareIndex

Table 134. Firmware Chassis Index

Name	firmwarechassisIndex
Object ID	1.3.6.1.4.1.674.10892.1.300.60.1.1
Description	Defines the index (one-based) of this chassis.
Syntax	DellObjectRange
Access	Read-only

Table 135. Firmware Index

Name	firmwareIndex
Object ID	1.3.6.1.4.1.674.10892.1.300.60.1.2
Description	Defines the index (one-based) of the firmware in this chassis.
Syntax	DellObjectRange
Access	Read-only

Table 136. Firmware State Capabilities

Name	firmwareStateCapabilities
Object ID	1.3.6.1.4.1.674.10892.1.300.60.1.3
Description	Defines the capabilities of the firmware states.
Syntax	DellStateCapabilities
Access	Read-only

Table 137. Firmware State Capabilities

Name	firmwareStateCapabilities
Object ID	1.3.6.1.4.1.674.10892.1.300.60.1.4
Description	Defines the state of the firmware and allows for the setting of the firmware.
Syntax	DellStateCapabilities
Access	Read-write

Table 138. Firmware Status

Name	firmwareStatus
Object ID	1.3.6.1.4.1.674.10892.1.300.60.1.5

Description	Defines the status of the firmware.
Syntax	DellStateSettings
Access	Read-only

Table 139. Firmware Size

Name	<code>firmwareSize</code>
Object ID	1.3.6.1.4.1.674.10892.1.300.60.1.6
Description	Defines the image size of the firmware in KB. A zero (0) indicates that the size is unknown.
Syntax	DellUnsigned16BitRange
Access	Read-only

Table 140. Firmware Type

Name	<code>firmwareType</code>
Object ID	1.3.6.1.4.1.674.10892.1.300.60.1.7
Description	Defines the type of the firmware.
Syntax	DellFirmwareType
Access	Read-only

Table 141. Firmware Type Name

Name	<code>firmwareTypeName</code>
Object ID	1.3.6.1.4.1.674.10892.1.300.60.1.8
Description	Defines the name of firmware type.
Syntax	DellString
Access	Read-only

Table 142. Firmware Update Capabilities

Name	<code>firmwareUpdateCapabilities</code>
Object ID	1.3.6.1.4.1.674.10892.1.300.60.1.9
Description	Defines the bitmap of supported methods for firmware update.
Syntax	DellUnsigned16BitRange
Access	Read-only

Table 143. Firmware Date Name

Name	<code>firmwareDateName</code>
Object ID	1.3.6.1.4.1.674.10892.1.300.60.1.10
Description	Defines the date of the firmware.
Syntax	DellDateName

Access Read-only

Table 144. Firmware Version Name

Name `firmwareVersionName`
Object ID 1.3.6.1.4.1.674.10892.1.300.60.1.11
Description Defines the version name of the firmware.
Syntax `DellString`
Access Read-only

Intrusion Table

The following objects and attributes describe the different forms of chassis intrusion, a situation that occurs when the cover of a computer is removed.

Table 145. Intrusion Table

Name `intrusionTable`
Object ID 1.3.6.1.4.1.674.10892.1.300.70
Description Defines the Intrusion Table.
Syntax SEQUENCE OF `IntrusionTableEntry`
Access Not accessible

Table 146. Intrusion Table Entry

Name `intrusionTableEntry`
Object ID 1.3.6.1.4.1.674.10892.1.300.70.1
Description Defines the Intrusion Table entry.
Syntax `IntrusionTableEntry`
Access Not accessible
Index `intrusionchassisIndex`
,
`intrusionIndex`

Table 147. Intrusion Chassis Index

Name `intrusionchassisIndex`
Object ID 1.3.6.1.4.1.674.10892.1.300.70.1.1
Description Defines the index (one-based) of this chassis.
Syntax `DellObjectRange`
Access Read-only

Table 148. Intrusion Index

Name	<code>intrusionIndex</code>
Object ID	1.3.6.1.4.1.674.10892.1.300.70.1.2
Description	Defines the index of the intrusion objects in this subgroup.
Syntax	<code>DellObjectRange</code>
Access	Read-only

Table 149. Intrusion State Capabilities

Name	<code>intrusionStateCapabilities</code>
Object ID	1.3.6.1.4.1.674.10892.1.300.70.1.3
Description	Defines the capabilities of the intrusion object.
Syntax	<code>DellStateCapabilities</code>
Access	Read-only

Table 150. Intrusion State Settings

Name	<code>intrusionStateSettings</code>
Object ID	1.3.6.1.4.1.674.10892.1.300.70.1.4
Description	Defines the settings of the intrusion object.
Syntax	<code>DellStateSettings</code>
Access	Read-write

Table 151. Intrusion Status

Name	<code>intrusionStatus</code>
Object ID	1.3.6.1.4.1.674.10892.1.300.70.1.5
Description	Defines the status of the intrusion object.
Syntax	<code>DellStatus</code>
Access	Read-only

Table 152. Intrusion Reading

Name	<code>intrusionReading</code>
Object ID	1.3.6.1.4.1.674.10892.1.300.70.1.6
Description	Defines the reading of the intrusion object.
Syntax	<code>DellIntrusionReading</code>
Access	Read-only

Table 153. Intrusion Type

Name	<code>intrusionType</code>
Object ID	1.3.6.1.4.1.674.10892.1.300.70.1.7

Description	Defines the type of the intrusion object.
Syntax	DellIntrusionType
Access	Read-only

Table 154. Intrusion Location Name

Name	intrusionLocationName
Object ID	1.3.6.1.4.1.674.10892.1.300.70.1.8
Description	Defines the location name of the intrusion object in this subgroup.
Syntax	DellString
Access	Read-only

Baseboard Table

This table lists objects that define the baseboard of a system.

Table 155. Baseboard Table

Name	baseBoardTable
Object ID	1.3.6.1.4.1.674.10892.1.300.80
Description	Defines the Baseboard Table.
Syntax	SEQUENCE OF BaseBoardTableEntry
Access	Not accessible

Table 156. Baseboard Table Entry

Name	baseBoardTableEntry
Object ID	1.3.6.1.4.1.674.10892.1.300.80.1
Description	Defines the Baseboard Table entry.
Syntax	BaseBoardTableEntry
Access	Not accessible
Index	baseBoardChassisIndex , baseBoardIndex

Table 157. Baseboard Chassis Index

Name	baseBoardchassisIndex
Object ID	1.3.6.1.4.1.674.10892.1.300.80.1.1
Description	Defines the index (one-based) of this chassis.
Syntax	DellObjectRange
Access	Read-only

Table 158. Baseboard Index

Name	baseBoardIndex
Object ID	1.3.6.1.4.1.674.10892.1.300.80.1.2
Description	Defines the index (one-based) of the base board.
Syntax	DellObjectRange
Access	Read-only

Table 159. Baseboard State Capabilities

Name	baseBoardStateCapabilities
Object ID	1.3.6.1.4.1.674.10892.1.300.80.1.3
Description	Defines the state capabilities of the baseboard.
Syntax	DellStateCapabilities
Access	Read-only

Table 160. Baseboard State Settings

Name	baseBoardStateSettings
Object ID	1.3.6.1.4.1.674.10892.1.300.80.1.4
Description	Defines the state settings of the baseboard.
Syntax	DellStateSettings
Access	Read-write

Table 161. Baseboard Status

Name	baseBoardStatus
Object ID	1.3.6.1.4.1.674.10892.1.300.80.1.5
Description	Defines the status of the baseboard.
Syntax	DellStatus
Access	Read-only

Table 162. Baseboard Feature Flags

Name	baseBoardFeatureFlags
Object ID	1.3.6.1.4.1.674.10892.1.300.80.1.6
Description	Defines the features of the baseboard..
Syntax	DellBaseBoardFeatureFlags
Access	Read-only

Table 163. Baseboard Type

Name	baseBoardType
Object ID	1.3.6.1.4.1.674.10892.1.300.80.1.7

Description	Defines the type of the baseboard.
Syntax	DellBaseBoardType
Access	Read-only

Table 164. Baseboard Type Name

Name	baseBoardTypeName
Object ID	1.3.6.1.4.1.674.10892.1.300.80.1.8
Description	Defines the name of the type of baseboard.
Syntax	DellString
Access	Read-only

Table 165. Baseboard Location Name

Name	baseBoardLocationName
Object ID	1.3.6.1.4.1.674.10892.1.300.80.1.9
Description	Defines the location name of the baseboard.
Syntax	DellString
Access	Read-only

Table 166. Baseboard Manufacturer Name

Name	baseBoardManufacturerName
Object ID	1.3.6.1.4.1.674.10892.1.300.80.1.10
Description	Defines the baseboard manufacturer's name.
Syntax	DellString
Access	Read-only

Table 167. Baseboard Product Name

Name	baseBoardProductName
Object ID	1.3.6.1.4.1.674.10892.1.300.80.1.11
Description	Defines the baseboard product's name.
Syntax	DellString
Access	Read-only

Table 168. Baseboard Version Name

Name	baseBoardVersionName
Object ID	1.3.6.1.4.1.674.10892.1.300.80.1.12
Description	Defines the baseboard version name..
Syntax	DellString
Access	Read-only

Table 169. Baseboard Service Tag Name

Name	baseBoardServiceTagName
Object ID	1.3.6.1.4.1.674.10892.1.300.80.1.13
Description	Defines the baseboard service tag name.
Syntax	DellString
Access	Read-only

Table 170. Baseboard Piece Part ID (PPID) Name

Name	baseBoardPiecePartIDName
Object ID	1.3.6.1.4.1.674.10892.1.300.80.1.14
Description	Defines the baseboard PPID.
Syntax	DellString
Access	Read-only

Table 171. Baseboard Asset Tag Name

Name	baseBoardAssetTagName
Object ID	1.3.6.1.4.1.674.10892.1.300.80.1.15
Description	Defines the baseboard asset tag name.
Syntax	DellString
Access	Read-only

Table 172. Baseboard Express Service Code Name

Name	baseBoardExpressServiceCodeName
Object ID	1.3.6.1.4.1.674.10892.1.300.80.1.16
Description	Defines the express service code of the baseboard.
Syntax	DellString
Access	Read-only

Chassis Information Group Variable Values

This section includes definitions for server administrator-specific variable values used in this section.

Table 173. Log Format

Variable Name: DellLogFormat

Data Type: Integer

Possible Data Values	Meaning of Data Value
raw (1)	The log is in the format received from the firmware.
ascii (2)	The log is in ASCII format.
unicode (3)	The log is in Unicode format.

Table 174. Chassis Type**Variable Name :** DellChassisType**Data Type:** Integer

Possible Data Values	Meaning of Data Value
other (1)	The chassis type is not one of the following:
unknown (2)	The chassis type is unknown.
desktop (3)	The chassis type is a desktop.
lowProfileDesktop (4)	The chassis type is a low-profile desktop.
pizzaBox (5)	The chassis type is a pizza box.
miniTower (6)	The chassis type is a minitower.
tower (7)	The chassis type is a tower.
portable (8)	The chassis type is a portable.
lapTop (9)	The chassis type is a laptop.
noteBook (10)	The chassis type is a notebook.
handHeld (11)	The chassis type is a handheld.
dockingStation (12)	The chassis type is a docking station.
allInOne (13)	The chassis type is an all-in-one.
subNoteBook (14)	The chassis type is a subnotebook.
spaceSaving (15)	The chassis type is a spacesaver.
lunchBox (16)	The chassis type is a lunch box.
mainSystemChassis (17)	The chassis type is the main system chassis.
expansionChassis (18)	The chassis type is an expansion chassis.
subChassis (19)	The chassis type is a subchassis.
busExpansionChassis (20)	The chassis type is a bus-expansion chassis.
peripheralChassis (21)	The chassis type is a peripheral chassis.
raidChassis (22)	The chassis type is a disk RAID chassis.
rackMountChassis (23)	The chassis type is a rack-mounted chassis.
sealedCasePC (24)	The chassis type is a sealed-case chassis.
multiSystemChassis (25)	The chassis type is a multisystem chassis.

Table 175. Connection Status**Variable Name :** DellConnectionStatus**Data Type:** Integer

Possible Data Values	Meaning of Data Value
unknown (2)	The status of the chassis connection is unknown.
ok (3)	The status of the chassis connection is OK.
failure (4)	The status of the chassis connection is failure.

Table 176. Fan Control Capabilities

Variable Name: DellFanControlCapabilities

Data Type: Integer

Possible Data Values	Meaning of Data Value
unknown (1)	The fan's capabilities are unknown.
lowSpeedCapable (2)	The fan can be set to low speed.
highSpeedCapable (4)	The fan can be set to high speed.
lowOrhighSpeedCapable (6)	The fan can be set to low or high speed.

Table 177. Front-Panel LED Control Capabilities

Variable Name: DellLEDControlCapabilities

Data Type: Integer

Possible Data Values	Meaning of Data Value
unknown (1)	The LED control capabilities are unknown.
alertOnErrorCapable (2)	The LED control can be set to alert on an error condition.
alertOnWarningAndErrorCapable (4)	The LED control can be set to alert on an error and a warning condition.
alertOnWarningOrErrorCapable (6)	The LED control can be set to alert on an error or a warning condition.

Table 178. Front-Panel LED Control Settings

Variable Name: DellLEDControlSettings

Data Type: Integer

Possible Data Values	Meaning of Data Value
unknown (1)	The LED control setting is unknown.
alertOnError (2)	The LED control is set to alert on an error condition.
alertOnWarningAndError (4)	The LED control is set to alert on an error or a warning condition.

Table 179. Hard-Drive Fault LED Control Capabilities

Variable Name: DellHDFaultLEDControlCapabilities

Data Type: Integer

Possible Data Values	Meaning of Data Value
none (0)	The hard drive has no fault LED capabilities.
unknownCapabilities (1)	The hard-drive fault LED capabilities are unknown.
enableCapable (2)	The hard-drive fault LED can be disabled (offline, a binary 0 value) or enabled (online, a binary 1 value).
notReadyCapable (4)	The hard-drive fault LED can indicate not ready.
resetCapable (8)	The hard-drive fault LED can be reset.

Table 180. Hard-Drive Fault LED Control Settings

Variable Name: DellHDFaultLEDControlSettings

Data Type: Integer

Possible Data Values	Meaning of Data Value
none (0)	The LEDs do not have any fault settings capabilities.
unknown (1)	The hard-drive fault LEDs' state is unknown.
enabled (2)	The hard-drive fault LEDs' state is disabled (offline, a binary 0 value) or enabled (online, a binary 1 value).
notReady (4)	The hard-drive fault LEDs' state is not ready.
reset (8)	The hard-drive fault LEDs have been reset.
resetAndEnable (10)	The hard-drive fault LEDs have been reset and enabled.

Table 181. Chassis Identification Control Capabilities

Variable Name: DellChassisIdentifyControlCapabilities

Data Type: Integer

Possible Data Values	Meaning of Data Value
none (0)	The LEDs do not have any chassis identification capabilities.
unknownCapabilities (1)	The chassis identification control's capabilities are unknown.
enableCapable (2)	The chassis identification controls can be disabled (offline, a binary 0 value) or enabled (online, a binary 1 value).
notReadyCapable (4)	The chassis identification control's capabilities are not ready.
identifyCapable (8)	The chassis identification control's LEDs can be made to identify the chassis.
resetAndEnable (10)	The hard-drive fault LEDs have been reset and enabled.


 **NOTE:** Chassis identification capabilities allow system administrators to set front panel light-emitting diodes (LEDs) to blink when the chassis has malfunctioning components. When enabled, the blinking lights help administrators locate the problem chassis.

Table 182. Chassis Identification Control Settings


Variable Name: DellChassisIdentifyControlSettings

Data Type: Integer

Possible Data Values	Meaning of Data Value
unknown (1)	The chassis identification control's state is unknown..
enabled (2)	The chassis identification control's state is disabled (offline, a binary 0 value) or enabled (online, a binary 1 value).
notReady (4)	The chassis identification control's state is not ready.
identifyChassis (8)	The chassis identification control's LEDs may be returned to (normal) 0, or (identify chassis) 1.
identifyChassisAndEnable (10)	The chassis identification control's LEDs may be returned to normal (a binary 0 value), or identify chassis and enabled (a binary 1 value).

Table 183. Host Control Capabilities

Variable Name: DellHostControlCapabilities

 **NOTE:** An operator can manually enable these actions using SNMP.


Data Type: Integer

Possible Data Values	Meaning of Data Value
manualRebootCapable (1)	The operator can reboot capable host.
manualPowerOFFCapable (2)	The operator can power off capable host.
manualPowerCycleCapable (4)	The operator can power-cycle capable host.
manualAllExceptOperatingSystemShutdownCapable (7)	The operator can reboot and power off capable host.
manualOperatingSystemShutdownCapable (8)	The operator can shut down the operating-system-shutdown capable host.
manualFullyCapable (15)	The operator can reboot, power on and off the power-cycle capable host, and shut down the operating-system-shutdown capable host.
manualRebootWithOSShutdownCapable (16)	The operator can reboot with operating system shutdown.

manualRebootWithoutOSShutdownCapable (32)	The operator can reboot without operating system shutdown.
manualPowerOffWithOSShutdownCapable (64)	The operator can power off with operating system shutdown.
manualPowerOffWithoutOSShutdownCapable (128)	The operator can power off without operating system shutdown.
manualPowerCycleWithOSShutdownCapable (256)	The operator can power cycle with operating system shutdown.
manualPowerCycleWithoutOSShutdownCapable (512)	The operator can power cycle without operating system shutdown.

Table 184. Host Control Settings

Variable Name: DellHostControlSettings


 **NOTE:** An operator can manually cause these actions using SNMP.

Data Type: Integer

Possible Data Values	Meaning of Data Value
manualReboot (1)	The operator can reboot the host.
manualPowerOFF (2)	The operator can power off the host.
manualPowerCycle (4)	Power cycle the host.
manualOperatingSystemShutdown (8)	The operator can shut down the operating system on the host.
manualOperatingSystemShutdownThenPowerCycle (12)	The operator can shut down the operating system on the host then power cycle machine.

Table 185. Watchdog Control Capabilities

Variable Name: DellWatchDogControlCapabilities

 **NOTE:** When the system determines that the operating system is not responding, it automatically performs the selected action without operator intervention.


Data Type: Integer

Possible Data Values	Meaning of Data Value
automaticRebootCapable (1)	Watchdog controls can be set to reboot capable host.
automaticPowerCycleCapable (2)	Watchdog controls can be set to power cycle capable host.

<code>automaticNotificationCapable(4)</code>	Watchdog controls can be set to notify capable host
<code>automaticWatchdogTimerCapable(8)</code>	Watchdog controls can be set to function automatically.
<code>automaticPowerOffCapable(16)</code>	Watchdog controls can be set to automatically power off host.
<code>automaticAllExceptNotificationCapable(27)</code>	Watchdog controls can be set to automatically perform all functions except notification capable.
<code>automaticFullyCapable(31)</code>	Watchdog controls can be set to automatically perform all functions.

Table 186. Watchdog Control Settings

Variable Name: `DellWatchControlSettings`

 **NOTE:** The watchdog timer is the mechanism used by a chassis to determine if the operating system has stopped responding.

Data Type: Integer

Possible Data Values	Meaning of Data Value
<code>automaticRebootEnabled(1)</code>	Automatic reboot is enabled for this host.
<code>automaticPowerCycleEnabled(2)</code>	Automatic power cycleable is enabled for this host.
<code>automaticNotificationEnabled(4)</code>	Automatic notification is enabled for this host.
<code>automaticPowerOffEnabled(8)</code>	Automatic power off is enabled for this host.

Table 187. Watchdog Timer Capabilities

Variable Name: `DellWatchDogTimerCapabilities`

Data Type: Integer

Possible Data Values	Meaning of Data Value
<code>type1Capable(1)</code>	Watchdog timer can time in intervals from 20–480 seconds.
<code>type2Capable(2)</code>	Watchdog timer can time in 30-, 60-, 120-, and 480-second intervals.
<code>type3Capable(4)</code>	Watchdog timer can time in 60-second intervals.

Table 188. Power Button Control Capabilities

Variable Name: `DellPowerButtonControlCapabilities`

Data Type: Integer

Possible Data Values	Meaning of Data Value
<code>none(0)</code>	The power button has no capabilities.
<code>unknownCapabilities(1)</code>	The power button capabilities are unknown.

enableCapable (2) The power button can be enabled (online) or disabled (offline).

Table 189. Power Button Control Settings

Variable Name: DellPowerButtonControlSettings

Data Type: Integer

Possible Data Values	Meaning of Data Value
none (0)	The power button has no settings capabilities.
unknown (1)	The power button settings are unknown.
enabled (2)	The power button state is enabled.
disabled (4)	The power button state is disabled.

Table 190. NMI Button Control Capabilities

Variable Name: DellNMIButtonControlCapabilities

Data Type: Integer

Possible Data Values	Meaning of Data Value
none (0)	The NMI button has no capabilities.
unknownCapabilities (1)	The NMI button capabilities are unknown.
enableCapable (2)	The NMI button can be enabled (online) or disabled (offline).

Table 191. System Properties

Variable Name: DellSystemProperties



NOTE: These values are bit masks, so combination values are possible.

Data Type: Integer

Possible Data Values	Meaning of Data Value
none (0)	No properties.
energySmart (1)	The system is an Energy Smart System.

Table 192. NMI Button Control Settings

Variable Name: DellNMIButtonControlSettings

Data Type: Integer

Possible Data Values	Meaning of Data Value
none (0)	The NMI button has no settings capabilities.
unknown (1)	The NMI button settings are unknown.
enabled (2)	The NMI button state is enabled.
disabled (4)	The NMI button state is disabled.

Table 193. Baseboard Type**Variable Name :** DellBaseBoardType**Data Type:** Integer

Possible Data Values	Meaning of Data Value
unknown (1)	The baseboard type is unknown.
other (2)	The baseboard type is not one of the following types.
serverBlade (3)	The baseboard type is a server blade.
connectivitySwitch (4)	The baseboard type is a connectivity switch.
systemManagementModule (5)	The baseboard type is a system management module.
processorModule (6)	The baseboard type is a processor module.
ioModule (7)	The baseboard type is an I/O module.
memoryModule (8)	The baseboard type is a memory module
daughterBoard (9)	The baseboard type is a daughter board.
motherboard (10)	The baseboard type is a mother board.
processorMemoryModule (11)	The baseboard type is a processor or memory module
processorIOModule (12)	The baseboard type is a processor or I/O module
interconnectBoard (13)	The baseboard type is an interconnect board.

Table 194. Chassis System Class**Variable Name :** DellChassisSystemClass**Data Type:** Integer

Possible Data Values	Meaning of Data Value
other (1)	The chassis system class is not one of the following:
unknown (2)	The chassis system class is unknown.
workstationClasses (3)	The chassis system class is a workstation.
serverClass (4)	The chassis system class is a server.
desktopClass (5)	The chassis system class is a desktop.
portableClass (6)	The chassis system class is a portable.
netPCClass (7)	The chassis system class is a Net PC.
storageClass (8)	The chassis system class is storage.

Table 195. Firmware Type**Variable Name :** DellFirmwareType

Data Type: Integer


Possible Data Values	Meaning of Data Value
other (1)	The firmware type is other than following values.
unknown (2)	The firmware type is unknown.
systemBIOS (3)	The firmware type is System BIOS
embeddedSystemManagementController (4)	The firmware type is Embedded System Management Controller.
powerSupplyParallelingBoard (5)	The firmware type is Power Supply Paralleling Board.
systemBackPlane (6)	The firmware type is System (Primary) Backplane.
powerVault2XXSKernel (7)	The firmware type is Dell PowerVault 2XXS Kernel.
powerVault2XXSApplication (8)	The firmware type is PowerVault 2XXS Application.
frontPanel (9)	The firmware type is Front Panel Controller.
baseboardManagementController (10)	The firmware type is Baseboard Management Controller.
hotPlugPCI (11)	The firmware type is Hot Plug Peripheral Component Interconnect (PCI) Controller.
sensorData (12)	The firmware type is Sensor Data Records.
peripheralBay (13)	The firmware type is Peripheral Bay Backplane.
secondaryBackPlane (14)	The firmware type is Secondary Backplane for ESM 2 systems.
secondaryBackPlaneESM3And4 (15)	The firmware type is Secondary Backplane for ESM 3 and 4 systems.
rac (16)	The firmware type is Remote Access Controller.
iDRAC (17)	The firmware type is Integrated Dell Remote Access Controller.
unifiedServerConfigurator (19)	The firmware type is Unified Server Configurator.
lifecycleController (20)	The firmware type is Lifecycle Controller.

Table 196. Baseboard Feature Flags

Variable Name: DellBaseBoardFeatureFlags

Data Type: Integer

Possible Data Values	Meaning of Data Value
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 **NOTE:** These values are bit fields, so combination values are possible.

no features (0)	This baseboard has no feature flags.
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boardIsHostingBoard(1)	This baseboard is a hosting board.
boardRequiresDaughterBoard (2)	This baseboard requires at least one daughter board or auxiliary card.
boardIsRemovable(4)	This baseboard is removable.
boardIsReplaceable(8)	This baseboard is replaceable.
boardIsHotSwappable(16)	This baseboard is hot swappable.

Operating System Group

The Operating System Group provides status and identifying information about a system's operating system. Identifying information includes the name, version, and service pack of the installed operating system.

The following objects describe the fields for Operating System Group.

Operating System Memory Table

Table 197. Operating System Memory Table

Name	<code>operatingSystemMemoryTable</code>
Object ID	1.3.6.1.4.1.674.10892.1.400.20
Description	Defines the Operating System Memory Table.
Syntax	SEQUENCE OF <code>OperatingSystemMemoryTableEntry</code>
Access	Not accessible

Table 198. Operating System Memory Table Entry

Name	<code>operatingSystemTableEntry</code>
Object ID	1.3.6.1.4.1.674.10892.1.400.20.1
Description	Defines the Operating System Memory Table entry.
Syntax	<code>OperatingSystemMemoryTableEntry</code>
Access	Not accessible
Index	<code>operatingSystemMemorychassisIndex</code>

Table 199. Operating System Memory Chassis Index

Name	<code>operatingSystemMemorychassisIndex</code>
Object ID	1.3.6.1.4.1.674.10892.1.400.20.1.1
Description	Defines the index (one-based) of this chassis.
Syntax	<code>DellObjectRange</code>
Access	Read-only

Table 200. Operating System Memory State Capabilities

Name	<code>operatingSystemMemoryStateCapabilities</code>
Object ID	1.3.6.1.4.1.674.10892.1.400.20.1.2
Description	Defines the capabilities of the operating system memory.
Syntax	<code>DellStateCapabilities</code>

Access Read-only

Table 201. Operating System Memory State Settings

Name `operatingSystemMemoryStateSettings`
Object ID 1.3.6.1.4.1.674.10892.1.400.20.1.3
Description Defines the state and allows the setting of the operating system memory.
Syntax `DellStateSettings`
Access Read-write

Table 202. Operating System Memory Status

Name `operatingSystemMemoryStatus`
Object ID 1.3.6.1.4.1.674.10892.1.400.20.1.4
Description Defines the status of the operating system memory.
Syntax `DellStatus`
Access Read-only

Table 203. Operating System Memory Total Physical Size

Name `operatingSystemMemoryTotalPhysicalSize`
Object ID 1.3.6.1.4.1.674.10892.1.400.20.1.5
Description Defines the total physical memory size in kilobytes.
Syntax `DellUnsigned32BitRange`
Access Read-only

Table 204. Operating System Memory Available Physical Size

Name `operatingSystemMemoryAvailablePhysicalSize`
Object ID 1.3.6.1.4.1.674.10892.1.400.20.1.6
Description Defines the available physical memory size in kilobytes.
Syntax `DellUnsigned32BitRange`
Access Read-only

Table 205. Operating System Memory Total Page File Size

Name `operatingSystemMemoryTotalPageFileSize`
Object ID 1.3.6.1.4.1.674.10892.1.400.20.1.7
Description Defines the total page file memory size in kilobytes.
Syntax `DellUnsigned32BitRange`
Access Read-only

Table 206. Operating System Memory Available Page File Size

Name	<code>operatingSystemMemoryAvailablePageFileSize</code>
Object ID	1.3.6.1.4.1.674.10892.1.400.20.1.8
Description	Defines the available page file memory size in kilobytes.
Syntax	DellUnsigned32BitRange
Access	Read-only

Table 207. Operating System Memory Total Virtual Size

Name	<code>operatingSystemMemoryTotalVirtualSize</code>
Object ID	1.3.6.1.4.1.674.10892.1.400.20.1.9
Description	Defines the total virtual memory size in kilobytes.
Syntax	DellUnsigned32BitRange
Access	Read-only

Table 208. Operating System Memory Available Virtual Size

Name	<code>operatingSystemMemoryAvailableVirtualSize</code>
Object ID	1.3.6.1.4.1.674.10892.1.400.20.1.10
Description	Defines the available virtual memory size in kilobytes.
Syntax	DellUnsigned32BitRange
Access	Read-only

System Resource Group

The Management Information Base (MIB) variables presented in this section enable you to track various attributes of your system resources. This section includes System Resource Group Tables that track variables such as the owner, ports, system memory, interrupts, and direct memory access.

System Resource Group Tables

The following MIB tables define objects for the System Resource Group:

- [System Resource Map Table](#)
- [System Resource Owner Table](#)
- [System Resource Input/Output \(I/O\) Port Table](#)
- [System Resource Memory Table](#)
- [System Resource Interrupt Table](#)
- [System Resource Direct Memory Access \(DMA\) Table](#)

System Resource Map Table

Table 209. System Resource Map Table

Name	<code>systemResourceMapTable</code>
Object ID	1.3.6.1.4.1.674.10892.1.500.10
Description	Defines the System Resource Map Table.
Syntax	SEQUENCE OF SystemResourceMapTableEntry
Access	Not accessible

Table 210. System Resource Map Table Entry

Name	<code>systemResourceMapTableEntry</code>
Object ID	1.3.6.1.4.1.674.10892.1.500.10.1
Description	Defines the System Resource Map Table entry.
Syntax	SystemResourceMapTableEntry
Access	Not accessible
Index	<code>systemResourceMapchassisIndex</code> , <code>systemResourceMapIndex</code>

Table 211. System Resource Map Chassis Index

Name	<code>systemResourceMapChassisIndex</code>
Object ID	1.3.6.1.4.1.674.10892.1.500.10.1.1
Description	Defines the index (one-based) of this chassis.
Syntax	DellObjectRange
Access	Read-only

Table 212. System Resource Map Index

Name	<code>systemResourceMapIndex</code>
Object ID	1.3.6.1.4.1.674.10892.1.500.10.1.2
Description	Defines the index of system resource maps in this chassis.
Syntax	DellObjectRange
Access	Read-only

Table 213. System Resource Map State Capabilities

Name	<code>systemResourceMapStateCapabilities</code>
Object ID	1.3.6.1.4.1.674.10892.1.500.10.1.3
Description	Defines the capabilities of this system map.
Syntax	DellStateCapabilities
Access	Read-only

Table 214. System Resource Map State Settings

Name	<code>systemResourceMapStateSettings</code>
Object ID	1.3.6.1.4.1.674.10892.1.500.10.1.4
Description	Defines the state and allows the setting of this system map.
Syntax	DellStateSettings
Access	Read-write

Table 215. System Resource Map Status

Name	<code>systemResourceMapStatus</code>
Object ID	1.3.6.1.4.1.674.10892.1.500.10.1.5
Description	Defines the status of this system map.
Syntax	DellStatus
Access	Read-only

Table 216. System Resource Map Type

Name	<code>systemResourceMapType</code>
Object ID	1.3.6.1.4.1.674.10892.1.500.10.1.6

Description	Defines the type of this system map.
Syntax	DellSystemResourceMapType (System Resource Map Type)
Access	Read-only

System Resource Owner Table

Table 217. System Resource Owner Table

Name	<code>systemResourceOwnerTable</code>
Object ID	1.3.6.1.4.1.674.10892.1.500.20
Description	Defines the System Resource Owner Table.
Syntax	SEQUENCE OF SystemResourceOwnerTableEntry
Access	Not accessible

Table 218. System Resource Owner Table Entry

Name	<code>systemResourceOwnerTable</code>
Object ID	1.3.6.1.4.1.674.10892.1.500.20.1
Description	Defines the System Resource Owner Table entry. Variables in this group reference the System Resource Map index.
Syntax	SystemResourceOwnerTableEntry
Access	Not accessible
Index	<code>systemResourceOwnerchassisIndex</code> , <code>systemResourceOwnerIndex</code>

Table 219. System Resource Owner Chassis Index

Name	<code>systemResourceOwnerchassisIndex</code>
Object ID	1.3.6.1.4.1.674.10892.1.500.20.1.1
Description	Defines the index (one-based) of this chassis.
Syntax	DellObjectRange
Access	Read-only

Table 220. System Resource Owner Index

Name	<code>systemResourceOwnerIndex</code>
Object ID	1.3.6.1.4.1.674.10892.1.500.20.1.2
Description	Defines the index of system resource owners for this chassis.
Syntax	DellObjectRange
Access	Read-only

Table 221. System Resource Owner State Capabilities

Name	<code>systemResourceOwnerStateCapabilities</code>
Object ID	1.3.6.1.4.1.674.10892.1.500.20.1.3
Description	Defines the capabilities of this system resource owner.
Syntax	DellStateCapabilities
Access	Read-only

Table 222. System Resource Owner State Settings

Name	<code>systemResourceOwnerStateSettings</code>
Object ID	1.3.6.1.4.1.674.10892.1.500.20.1.4
Description	Defines the state settings of this system resource owner.
Syntax	DellStateSettings
Access	Read-write

Table 223. System Resource Owner Status

Name	<code>systemResourceOwnerStatus</code>
Object ID	1.3.6.1.4.1.674.10892.1.500.20.1.5
Description	Defines the status of this system resource owner.
Syntax	DellStatus
Access	Read-write

Table 224. System Resource Owner Interface Type

Name	<code>systemResourceOwnerInterfaceType</code>
Object ID	1.3.6.1.4.1.674.10892.1.500.20.1.6
Description	Defines the interface type for this system resource owner.
Syntax	DellResourceOwnerInterfaceType (Resource Owner Interface Type)
Access	Read-only

Table 225. System Resource Map Index Reference

Name	<code>systemResourceMapIndexReference</code>
Object ID	1.3.6.1.4.1.674.10892.1.500.20.1.7
Description	Defines the index to the associated system resource map in this chassis.
Syntax	DellObjectRange
Access	Read-only

Table 226. System Resource Owner Description Name

Name	<code>systemResourceOwnerDescriptionName</code>
Object ID	1.3.6.1.4.1.674.10892.1.500.20.1.8

Description	Defines the description name of the system resource owner.
Syntax	DellString
Access	Read-only

Table 227. System Resource Owner Interface Instance

Name	<code>systemResourceOwnerInterfaceInstance</code>
Object ID	1.3.6.1.4.1.674.10892.1.500.20.1.9
Description	Defines the associated system resource owner interface instance in this chassis.
Syntax	DellObjectRange
Access	Read-only

System Resource Input/Output (I/O) Port Table

Table 228. System Resource Input/Output (I/O) Port Table

Name	<code>systemResourceIOPortTable</code>
Object ID	1.3.6.1.4.1.674.10892.1.500.30
Description	Defines the System Resource I/O Port Table.
Syntax	SEQUENCE OF SystemResourceIOPortTableEntry
Access	Not accessible

Table 229. System Resource I/O Port Table Entry

Name	<code>systemResourceIOPortTableEntry</code>
Object ID	1.3.6.1.4.1.674.10892.1.500.30.1
Description	Defines the System Resource I/O Port Table entry.
Syntax	SystemResourceIOPortTableEntry
Access	Not accessible
Index	<code>systemResourceIOPortchassisIndex</code> , <code>systemResourceIOPortIndex</code>

Table 230. System Resource I/O Port Chassis Index

Name	<code>systemResourceIOPortchassisIndex</code>
Object ID	1.3.6.1.4.1.674.10892.1.500.30.1.1
Description	Defines the index (one-based) of this chassis.
Syntax	DellObjectRange
Access	Read-only

Table 231. System Resource I/O Port Index

Name	systemResourceIOPortIndex
Object ID	1.3.6.1.4.1.674.10892.1.500.30.1.2
Description	Defines the index (one-based) of the system resource I/O ports in this chassis.
Syntax	DellObjectRange
Access	Read-only

Table 232. System Resource I/O Port State Capabilities

Name	systemResourceIOPortStateCapabilities
Object ID	1.3.6.1.4.1.674.10892.1.500.30.1.3
Description	Defines the capabilities of the system resource I/O port.
Syntax	DellStateCapabilities
Access	Read-only

Table 233. System Resource I/O Port State Settings

Name	systemResourceIOPortStateSettings
Object ID	1.3.6.1.4.1.674.10892.1.500.30.1.4
Description	Defines the state and allows the setting of the system resource I/O port.
Syntax	DellStateSettings
Access	Read-write

Table 234. System Resource I/O Port Status

Name	systemResourceIOPortStatus
Object ID	1.3.6.1.4.1.674.10892.1.500.30.1.5
Description	Defines the status of the system resource I/O port.
Syntax	DellStateSettings
Access	Read-only

Table 235. System Resource I/O Port Owner Index Reference

Name	systemResourceIOPortOwnerIndexReference
Object ID	1.3.6.1.4.1.674.10892.1.500.30.1.6
Description	Defines the index to the associated system resource owner in this chassis.
Syntax	DellObjectRange
Access	Read-only

Table 236. System Resource I/O Port Share Disposition

Name	systemResourceIOPortShareDisposition
Object ID	1.3.6.1.4.1.674.10892.1.500.30.1.7

Description	Defines the share disposition of the system resource I/O port.
Syntax	DellResourceShareDisposition (Resource Share Disposition)
Access	Read-only

Table 237. System Resource I/O Port Starting Address

Name	<code>systemResourceIOPortStartingAddress</code>
Object ID	1.3.6.1.4.1.674.10892.1.500.30.1.8
Description	Defines the 64 bits of the starting address of the system resource I/O port.
Syntax	DellUnsigned64BitRange
Access	Read-only

Table 238. System Resource I/O Port Ending Address

Name	<code>systemResourceIOPortEndingAddress</code>
Object ID	1.3.6.1.4.1.674.10892.1.500.30.1.9
Description	Defines the 64 bits of the ending address of the system resource I/O port.
Syntax	DellUnsigned64BitRange
Access	Read-only

System Resource Memory Table

Table 239. System Resource Memory Table

Name	<code>systemResourceMemoryTable</code>
Object	1.3.6.1.4.1.674.10892.1.500.40
Description	Defines the System Resource Memory Table.
Syntax	SEQUENCE OF SystemResourceMemoryTableEntry
Access	Not accessible

Table 240. System Resource Memory Table Entry

Name	<code>systemResourceMemoryTableEntry</code>
Object ID	1.3.6.1.4.1.674.10892.1.500.40.1
Description	Defines the System Resource Memory Table entry.
Syntax	SystemResourceMemoryTableEntry
Access	Not accessible
Index	<code>systemResourceMemorychassisIndex</code> , <code>systemResourceMemoryIndex</code>

Table 241. System Resource Memory Chassis Index

Name	<code>systemResourceMemorychassisIndex</code>
Object ID	1.3.6.1.4.1.674.10892.1.500.40.1.1
Description	Defines the index (one-based) of this chassis.
Syntax	<code>DellObjectRange</code>
Access	Read-only

Table 242. System Resource Memory Index

Name	<code>systemResourceMemoryIndex</code>
Object ID	1.3.6.1.4.1.674.10892.1.500.40.1.2
Description	Defines the index of system resource memory in this chassis.
Syntax	<code>DellObjectRange</code>
Access	Read-only

Table 243. System Resource Memory State Capabilities

Name	<code>systemResourceMemoryStateCapabilities</code>
Object ID	1.3.6.1.4.1.674.10892.1.500.40.1.3
Description	Defines the capabilities of this system resource memory.
Syntax	<code>DellObjectRange</code>
Access	Read-only

Table 244. System Resource Memory State Settings

Name	<code>systemResourceMemoryStateSettings</code>
Object ID	1.3.6.1.4.1.674.10892.1.500.40.1.4
Description	Defines the state of this system resource memory.
Syntax	<code>DellObjectRange</code>
Access	Read-write

Table 245. System Resource Memory Status

Name	<code>systemResourceMemoryStatus</code>
Object ID	1.3.6.1.4.1.674.10892.1.500.40.1.5
Description	Defines the status of this system resource memory.
Syntax	<code>DellStatus</code>
Access	Read-only

Name	<code>systemResourceMemoryOwnerIndexReference</code>
Object ID	1.3.6.1.4.1.674.10892.1.500.40.1.6
Description	Defines the index to the associated system resource owner in this chassis.

Syntax	DellObjectRange
Access	Read-only

Table 246. System Resource Memory Share Disposition

Name	systemResourceMemoryShareDisposition
Object ID	1.3.6.1.4.1.674.10892.1.500.40.1.7
Description	Defines the share disposition of the system resource memory.
Syntax	DellResourceShareDisposition (Resource Share Disposition)
Access	Read-only

Table 247. System Resource Memory Starting Address

Name	systemResourceMemoryStartingAddress
Object ID	1.3.6.1.4.1.674.10892.1.500.40.1.8
Description	Defines the 64 bits of the starting address of the system resource memory.
Syntax	DellUnsigned64BitRange
Access	Read-only

Table 248. System Resource Memory Ending Address

Name	systemResourceMemoryEndingAddress
Object ID	1.3.6.1.4.1.674.10892.1.500.40.1.9
Description	Defines the 64 bits of the ending address of the system resource memory.
Syntax	DellUnsigned64BitRange
Access	Read-only

Table 249. System Resource Memory Flags

Name	systemResourceMemoryFlags
Object ID	1.3.6.1.4.1.674.10892.1.500.40.1.10
Description	Defines the permission flags for the system resource memory.
Syntax	DellResourceMemoryFlags (Resource Memory Flags)
Access	Read-only

System Resource Interrupt Table

Table 250. System Resource Interrupt Table

Name	systemResourceInterruptTable
Object ID	1.3.6.1.4.1.674.10892.1.500.50
Description	Defines the System Resource Interrupt Table.
Syntax	SEQUENCE OF SystemResourceInterruptTableEntry

Access Not accessible

Table 251. System Resource Interrupt Table Entry

Name systemResourceInterruptTableEntry
Object ID 1.3.6.1.4.1.674.10892.1.500.50.1
Description Defines the System Resource Interrupt Table entry.
Syntax SystemResourceInterruptTableEntry
Access Not accessible
Index systemResourceInterruptchassisIndex
,
systemResourceInterruptIndex

Table 252. System Resource Interrupt Chassis Index

Name systemResourceInterruptchassisIndex
Object ID 1.3.6.1.4.1.674.10892.1.500.50.1.1
Description Defines the index (one-based) of this chassis.
Syntax DellObjectRange
Access Not accessible

Table 253. System Resource Interrupt Index

Name systemResourceInterruptIndex
Object ID 1.3.6.1.4.1.674.10892.1.500.50.1.2
Description Defines the index (one-based) of this interrupt resource.
Syntax DellObjectRange
Access Read-only

Table 254. System Resource Interrupt State Capabilities

Name systemResourceInterruptStateCapabilities
Object ID 1.3.6.1.4.1.674.10892.1.500.50.1.3
Description Defines the capabilities of this system resource interrupt.
Syntax DellStateCapabilities
Access Read-only

Table 255. System Resource Interrupt State Settings

Name systemResourceInterruptStateSettings
Object ID 1.3.6.1.4.1.674.10892.1.500.50.1.4
Description Defines the state of this system resource interrupt.
Syntax DellStateSettings

Access Read-write

Table 256. System Resource Interrupt Status

Name systemResourceInterruptStatus
Object ID 1.3.6.1.4.1.674.10892.1.500.50.1.5
Description Defines the status of this system resource interrupt.
Syntax DellStatus
Access Read-only

Table 257. System Resource Interrupt Owner Index Reference

Name systemResourceInterruptOwnerIndexReference
Object ID 1.3.6.1.4.1.674.10892.1.500.50.1.6
Description Defines the index for the associated system resource owner in this chassis.
Syntax DellObjectRange
Access Read-only

Table 258. System Resource Interrupt Owner Share Disposition

Name systemResourceInterruptShareDisposition
Object ID 1.3.6.1.4.1.674.10892.1.500.50.1.7
Description Defines the share disposition of the system resource interrupt.
Syntax DellResourceShareDisposition ([Resource Share Disposition](#))
Access Read-only

Table 259. System Resource Interrupt Level

Name systemResourceInterruptLevel
Object ID 1.3.6.1.4.1.674.10892.1.500.50.1.8
Description Defines the interrupt request (IRQ) level of the system resource interrupt.
Syntax DellUnsigned32BitRange
Access Read-only

Table 260. System Resource Interrupt Type

Name systemResourceInterruptType
Object ID 1.3.6.1.4.1.674.10892.1.500.50.1.9
Description Defines the interrupt type of the system resource interrupt.
Syntax DellResourceInterruptType ([Resource Interrupt Type](#))
Access Read-only

Table 261. System Resource Interrupt Trigger

Name	systemResourceInterruptTrigger
Object ID	1.3.6.1.4.1.674.10892.1.500.50.1.10
Description	Defines the interrupt trigger of the system resource interrupt.
Syntax	DellResourceInterruptTrigger (Resource Interrupt Trigger)
Access	Read-only

System Resource Direct Memory Access (DMA) Table

Table 262. System Resource Direct Memory Access (DMA) Table

Name	systemResourceDMATable
Object ID	1.3.6.1.4.1.674.10892.1.500.60
Description	Defines the System Resource DMA Table.
Syntax	SEQUENCE OF SystemResourceDMATableEntry
Access	Not accessible

Table 263. System Resource DMA Table Entry

Name	systemResourceDMATable
Object ID	1.3.6.1.4.1.674.10892.1.500.60.1
Description	Defines the System Resource DMA Table entry.
Syntax	SystemResourceDMATableEntry
Access	Not accessible
Index	systemResourceDMAchassisIndex , systemResourceDMAIndex

Table 264. System Resource DMA Chassis Index

Name	systemResourceDMAchassisIndex
Object ID	1.3.6.1.4.1.674.10892.1.500.60.1.1
Description	Defines the index (one-based) of this chassis.
Syntax	DellObjectRange
Access	Read-only

Table 265. System Resource DMA Index

Name	systemResourceDMAIndex
Object ID	1.3.6.1.4.1.674.10892.1.500.60.1.2
Description	Defines the index of system resource DMAs in this chassis.
Syntax	DellObjectRange

Access Read-only

Table 266. System Resource DMA State Capabilities

Name systemResourceDMAStateCapabilities
Object ID 1.3.6.1.4.1.674.10892.1.500.60.1.3
Description Defines the capabilities of this system resource DMA.
Syntax DellStateCapabilities
Access Read-only

Table 267. System Resource DMA State Settings

Name systemResourceDMAStateSettings
Object ID 1.3.6.1.4.1.674.10892.1.500.60.1.4
Description Defines the state and setting of this system resource DMA.
Syntax DellStateSettings
Access Read-write

Table 268. System Resource DMA Status

Name systemResourceDMAStatus
Object ID 1.3.6.1.4.1.674.10892.1.500.60.1.5
Description Defines the status of this system resource DMA.
Syntax DellStatus
Access Read-only

Table 269. System Resource DMA Owner Index Reference

Name systemResourceDMAOwnerIndexReference
Object ID 1.3.6.1.4.1.674.10892.1.500.60.1.6
Description Defines the index to the associated system resource owner in this chassis.
Syntax DellObjectRange
Access Read-only

Table 270. System Resource DMA Share Disposition

Name systemResourceDMAShareDisposition
Object ID 1.3.6.1.4.1.674.10892.1.500.60.1.7
Description Defines the share disposition of the system resource DMA.
Syntax DellResourceShareDisposition ([Resource Share Disposition](#))
Access Read-only

Table 271. System Resource DMA Maximum Transfer Size

Name	systemResourceDMAMaximumTransferSize
Object ID	1.3.6.1.4.1.674.10892.1.500.60.1.8
Description	Defines the maximum size of a memory transfer in bytes for the system resource DMA.
Syntax	DellUnsigned32BitRange
Access	Read-only

Table 272. System Resource DMA Transfer Width

Name	systemResourceDMATransferWidth
Object ID	1.3.6.1.4.1.674.10892.1.500.60.1.9
Description	Defines the transfer width of the system resource DMA.
Syntax	DellResourceDMATransferWidth (Resource DMA Transfer Width)
Access	Read-only

Table 273. System Resource DMA Bus Master

Name	systemResourceDMABusMaster
Object ID	1.3.6.1.4.1.674.10892.1.500.60.1.10
Description	Defines the bus mastering capabilities of the system resource DMA.
Syntax	DellResourceDMABusMaster (Resource DMA Bus Master)
Access	Read-only

System Resource Group Variable Values

This section includes definitions for server administrator-specific variable values used in this section.

Table 274. System Resource Map Type

Variable Name: DellSystemResourceMapType

Data Type: Integer

Possible Data Values	Meaning of Data Value
other (1)	The system resource map type is not one of the following:
unknown (2)	The system resource map type is unknown (not known or not monitored).
typeOne (3)	The system resource map is type 1 (one).

Table 275. Resource Owner Interface Type

Variable Name: DellResourceOwnerInterfaceType

Data Type: Integer

Possible Data Values	Meaning of Data Value
typeIsOther (1)	The interface type is not one of the following:

<code>typeIsUnknown (2)</code>	The interface type is unknown.
<code>typeIsInternal (3)</code>	The interface type is internal.
<code>typeIsISA (4)</code>	The interface type is an Industry Standard Architecture (ISA) bus.
<code>typeIsEISA (5)</code>	The interface type is an Extended Industry Standard Architecture (EISA) bus.
<code>typeIsMCA (6)</code>	The interface type is a microchannel architecture (MCA) bus.
<code>typeIsTurboChannel (7)</code>	The interface type is a turbo-channel bus.

Table 276. Resource Share Disposition

Variable Name: `DellResourceShareDisposition`

Data Type: Integer

Possible Data Values	Meaning of Data Value
<code>shareIsOther (1)</code>	The share disposition is not one of the following:
<code>shareIsUnknown (2)</code>	The share disposition is unknown (not known or not monitored).
<code>shareIsDeviceExclusive (3)</code>	The share disposition is device exclusive.
<code>shareIsDriverExclusive (4)</code>	The share disposition is driver exclusive.
<code>shareIsShared (5)</code>	The share disposition is shared.

Table 277. Resource Memory Flags

Variable Name: `DellResourceMemoryFlags`

Data Type: Integer

Possible Data Values	Meaning of Data Value
<code>memoryIsReadOnly (1)</code>	The resource memory is read-only.
<code>memoryIsWriteOnly (2)</code>	The resource memory is write-only.
<code>memoryIsPreFetchable (4)</code>	The resource memory is prefetchable.
<code>memoryIsCombinedWritable (8)</code>	The resource memory is read-write.
<code>memoryIsF24 (16)</code>	The resource memory is F24.

Table 278. Resource Interrupt Type

Variable Name: `DellResourceInterruptType`

Data Type: Integer

Possible Data Values	Meaning of Data Value
<code>interruptIsLevelSensitive (1)</code>	The interrupt type is level sensitive.

`interruptIsLatched(2)` The interrupt type is latched.

Table 279. Resource Interrupt Trigger

Variable Name: `DellResourceInterruptTrigger`

Data Type: Integer

Possible Data Values	Meaning of Data Value
<code>interruptIsActiveWhenLow(1)</code>	The interrupt trigger is active on a low signal.
<code>interruptIsActiveWhenHigh(2)</code>	The interrupt trigger is active on a high signal.

Table 280. Resource DMA Bus Master

Variable Name: `DellResourceDMABusMaster`

Data Type: Integer

Possible Data Values	Meaning of Data Value
<code>dmaIsOther(1)</code>	The DMA bus master capability is not one of the following:
<code>dmaIsUnknown(2)</code>	The DMA bus master capability is unknown.
<code>dmaIsNotABusmaster(3)</code>	The DMA does not have bus master capability.

Table 281. Resource DMA Transfer Width


Variable Name: `DellResourceDMATransferWidth`

Data Type: Integer

Possible Data Values	Meaning of Data Value
<code>dmaTransferWidthIsOther(1)</code>	The DMA transfer width is not one of the following:
<code>dmaTransferWidthIsunknown(2)</code>	The DMA transfer width is unknown.
<code>dmaTransferWidthIs8Bits(3)</code>	The DMA transfer width is 8 bits.
<code>dmaTransferWidthIs16Bits(4)</code>	The DMA transfer width is 16 bits.
<code>dmaTransferWidthIs32Bits(5)</code>	The DMA transfer width is 32 bits.
<code>dmaTransferWidthIs64Bits(6)</code>	The DMA transfer width is 64 bits.
<code>dmaTransferWidthIs128Bits(7)</code>	The DMA transfer width is 128 bits.

Power Group

The Power Group provides information about power units (a group of power supplies in a system chassis), power supplies, and voltage and amperage probes.

 **NOTE:** Power Management features are only available for PowerEdge systems that have hot-swappable power supplies and not systems that have a fixed, nonredundant power supply installed.

Power Group Tables

The following management information base (MIB) tables define objects for the Power Group:

- [Power Unit Table](#)
- [Power Supply Table](#)
- [Voltage Probe Table](#)
- [Amperage Probe Table](#)
- [AC Power Switch Table](#)
- [AC Power Cord Table](#)
- [Battery Table](#)
- [Power Usage Table](#)
- [Power ProfileTable](#)

Power Unit Table

Table 282. Power Unit Table

Name	powerUnitTable
Object ID	1.3.6.1.4.1.674.10892.1.600.10
Description	Defines the Power Unit Table.
Syntax	PowerUnitTableEntry
Access	Not accessible

Table 283. Power Unit Table Entry

Name	powerUnitTableEntry
Object ID	1.3.6.1.4.1.674.10892.1.600.10.1
Description	Defines the Power Unit Table entry.
Syntax	DelObjectRange
Access	Read-only

Index powerUnitChassisIndex, powerUnitIndex

Table 284. Power Unit Chassis Index

Name	powerUnitChassisIndex
Object ID	1.3.6.1.4.1.674.10892.1.600.10.1.1
Description	Defines the index (one-based) of this chassis.
Syntax	DellObjectRange
Access	Read-only

Table 285. Power Unit Index

Name	powerUnitIndex
Object ID	1.3.6.1.4.1.674.10892.1.600.10.1.2
Description	Defines the index of the power unit in this chassis.
Syntax	DellObjectRange
Access	Read-only

Table 286. Power Unit State Capabilities

Name	powerUnitStateCapabilities
Object ID	1.3.6.1.4.1.674.10892.1.600.10.1.3
Description	Defines the capabilities of the power unit.
Syntax	DellStateCapabilities
Access	Read-only

Table 287. Power Unit State Settings

Name	powerUnitStateSettings
Object ID	1.3.6.1.4.1.674.10892.1.600.10.1.4
Description	Defines the state and settings of the power unit.
Syntax	DellStateSettings
Access	Read-write

Table 288. Power Unit Redundancy Status

Name	powerUnitRedundancyStatus
Object ID	1.3.6.1.4.1.674.10892.1.600.10.1.5
Description	Defines the redundancy status of the power unit.
Syntax	DellStatusRedundancy
Access	Read-only

Table 289. Power Supply Count for Redundancy

Name	<code>powerSupplyCountForRedundancy</code>
Object ID	1.3.6.1.4.1.674.10892.1.600.10.1.6
Description	Defines the total number of power supplies required for this power unit to have redundancy.
Syntax	DellString
Access	Read-only

Table 290. Power Unit Name

Name	<code>powerUnitName</code>
Object ID	1.3.6.1.4.1.674.10892.1.600.10.1.7
Description	Defines the name of the power unit in this chassis.
Syntax	DellString
Access	Read-only

Table 291. Power Unit Status

Name	<code>powerUnitStatus</code>
Object ID	1.3.6.1.4.1.674.10892.1.600.10.1.8
Description	Defines the status of the power unit in this chassis.
Syntax	DellStatus
Access	Read-only

Power Supply Table

Table 292. Power Supply Table

Name	<code>powerSupplyTable</code>
Object ID	1.3.6.1.4.1.674.10892.1.600.12
Description	Defines the Power Supply Table.
Syntax	PowerSupplyTableEntry
Access	Not accessible

Table 293. Power Supply Table Entry

Name	<code>powerSupplyTableEntry</code>
Object ID	1.3.6.1.4.1.674.10892.1.600.12.1
Description	Defines the Power Supply Table entry.
Syntax	PowerSupplyTableEntry
Access	Not accessible
Index	<code>powerSupplychassisIndex</code> , <code>powerSupplyIndex</code>

Table 294. Power Supply Chassis Index

Name	powerSupplychassisIndex
Object ID	1.3.6.1.4.1.674.10892.1.600.12.1.1
Description	Defines the index (one-based) of this chassis.
Syntax	DellObjectRange
Access	Read-only

Table 295. Power Supply Index

Name	powerSupplyIndex
Object ID	1.3.6.1.4.1.674.10892.1.600.12.1.2
Description	Defines the index of power supply.
Syntax	DellObjectRange
Access	Read-only

Table 296. Power Supply State Capabilities Unique

Name	powerSupplyStateCapabilitiesUnique
Object ID	1.3.6.1.4.1.674.10892.1.600.12.1.3
Description	Defines the capabilities of the power supply.
Syntax	DellPowerSupplyStateCapabilitiesUnique (Power Supply State Capabilities Unique)
Access	Read-only

Table 297. Power Supply State Settings Unique

Name	powerSupplyStateSettingsUnique
Object ID	1.3.6.1.4.1.674.10892.1.600.12.1.4
Description	Defines the state and settings of the power supply.
Syntax	DellPowerSupplyStateSettingsUnique (Power Supply State Settings Unique)
Access	Read-write

Table 298. Power Supply Status

Name	powerSupplyStatus
Object ID	1.3.6.1.4.1.674.10892.1.600.12.1.5
Description	Defines the status of the power supply.
Syntax	DellStatus
Access	Read-only

Table 299. Power Supply Output Watts

Name	powerSupplyOutputWatts
Object ID	1.3.6.1.4.1.674.10892.1.600.12.1.6

Description	Defines the maximum sustained output wattage of the power supply in tenths of watts.
Syntax	DellSigned32BitRange
Access	Read-only

Table 300. Power Supply Type

Name	powerSupplyType
Object ID	1.3.6.1.4.1.674.10892.1.600.12.1.7
Description	Defines the type of power supply.
Syntax	DellPowerSupplyType (Power Supply Type Definitions)
Access	Read-only

Table 301. Power Supply Location Name

Name	powerSupplyLocationName
Object ID	1.3.6.1.4.1.674.10892.1.600.12.1.8
Description	Defines the location name of the power supply.
Syntax	DellString
Access	Read-only

Table 302. Power Supply Input Voltage

Name	powerSupplyInputVoltage
Object ID	1.3.6.1.4.1.674.10892.1.600.12.1.9
Description	Defines the input voltage to the power supply in volts.
Syntax	DellSigned32BitRange
Access	Read-only

Table 303. Power Supply Power Unit Index Reference

Name	powerSupplyPowerUnitIndexReference
Object ID	1.3.6.1.4.1.674.10892.1.600.12.1.10
Description	Defines the index to the associated system power unit in this chassis.
Syntax	DellObjectRange
Access	Read-only

Table 304. Power Supply Sensor State

Name	powerSupplySensorState
Object ID	1.3.6.1.4.1.674.10892.1.600.12.1.11
Description	Defines the state reported by the power supply sensor, and supplements the state and settings of the power supply.
Syntax	DellPowerSupplySensorState (Power Supply Sensor State)

Access Read-only

Table 305. Power Supply Configuration Error Type

Name powerSupplyConfigurationErrorType
Object ID 1.3.6.1.4.1.674.10892.1.600.12.1.12
Description Defines the type of configuration error reported by the power supply sensor.
Syntax DellPowerSupplyConfigurationErrorType ([Power Supply Configuration Error Type](#))
Access Read-only

Table 306. Power Supply Power Monitor Capable

Name powerSupplyPowerMonitorCapable
Object ID 1.3.6.1.4.1.674.10892.1.600.12.1.13
Description Defines a boolean value that reports whether the power supply is capable of monitoring power consumption.
Syntax DellBoolean
Access Read-only

Table 307. Power Supply Rated Input Wattage

Name powerSupplyRatedInputWattage
Object ID 1.3.6.1.4.1.674.10892.1.600.12.1.14
Description Defines the rated input wattage of the power supply (in tenths of Watts.)
Syntax DellSigned32BitRange
Access Read-only

Voltage Probe Table

Table 308. Voltage Probe Table

Name voltageProbeTable
Object ID 1.3.6.1.4.1.674.10892.1.600.20
Description Defines the Voltage Probe Table.
Syntax VoltageProbeTableEntry
Access Not accessible

Table 309. Voltage Probe Table Entry

Name voltageProbeTableEntry
Object ID 1.3.6.1.4.1.674.10892.1.600.20.1
Description Defines the Voltage Probe Table entry.
Syntax VoltageProbeTableEntry
Access Not accessible

Index voltageProbechassisIndex, voltageProbeIndex

Table 310. Voltage Probe Chassis Index

Name	voltageProbechassisIndex
Object ID	1.3.6.1.4.1.674.10892.1.600.20.1.1
Description	Defines the index (one-based) of this chassis.
Syntax	DellObjectRange
Access	Read-only

Table 311. Voltage Probe Index

Name	voltageProbeIndex
Object ID	1.3.6.1.4.1.674.10892.1.600.20.1.2
Description	Defines the index of voltage probes in this chassis.
Syntax	DellObjectRange
Access	Read-only

Table 312. Voltage Probe State Capabilities

Name	voltageProbeStateCapabilities
Object ID	1.3.6.1.4.1.674.10892.1.600.20.1.3
Description	Defines the capabilities of the voltage probe.
Syntax	DellStateCapabilities
Access	Read-only

Table 313. Voltage Probe State Settings

Name	voltageProbeStateSettings
Object ID	1.3.6.1.4.1.674.10892.1.600.20.1.4
Description	Defines the state and settings of the voltage probe.
Syntax	DellStateSettings
Access	Read-write

Table 314. Voltage Probe Status

Name	voltageProbeStatus
Object ID	1.3.6.1.4.1.674.10892.1.600.20.1.5
Description	Defines the status of the voltage probe.
Syntax	DellStatusProbe
Access	Read-only

Table 315. Voltage Probe Reading

Name	voltageProbeReading
Object ID	1.3.6.1.4.1.674.10892.1.600.20.1.6
Description	Defines the value of the voltage probe reading. The value is an integer representing the voltage in millivolts that the probe is reading. When the value for voltageProbeType is voltageProbeTypeIsDiscrete, a value is not returned for this attribute.
Syntax	DellSigned32BitRange
Access	Read-only

Table 316. Voltage Probe Type

Name	voltageProbeType
Object ID	1.3.6.1.4.1.674.10892.1.600.20.1.7
Description	Defines the type of the voltage probe.
Syntax	DellVoltageType
Access	Read-only

Table 317. Voltage Probe Location Name

Name	voltageProbeLocationName
Object ID	1.3.6.1.4.1.674.10892.1.600.20.1.8
Description	Defines the location of the voltage probe in this chassis.
Syntax	DellString
Access	Read-only

Table 318. Voltage Probe Upper Nonrecoverable Threshold

Name	voltageProbeUpperNonRecoverableThreshold
Object ID	1.3.6.1.4.1.674.10892.1.600.20.1.9
Description	Defines the value of the voltage probe's upper nonrecoverable threshold.
Syntax	DellSigned32BitRange
Access	Read-only

Table 319. Voltage Probe Upper Critical Threshold

Name	voltageProbeUpperCriticalThreshold
Object ID	1.3.6.1.4.1.674.10892.1.600.20.1.10
Description	Defines the value of the voltage probe's upper critical threshold.
Syntax	DellSigned32BitRange
Access	Read-only

Table 320. Voltage Probe Upper Noncritical Threshold

Name	voltageProbeUpperNonCriticalThreshold
Object ID	1.3.6.1.4.1.674.10892.1.600.20.1.11
Description	Defines the user-assigned value of the voltage probe's upper noncritical threshold.
Syntax	DellSigned32BitRange
Access	Read-write

Table 321. Voltage Probe Lower Noncritical Threshold

Name	voltageProbeLowerNonCriticalThreshold
Object ID	1.3.6.1.4.1.674.10892.1.600.20.1.12
Description	Defines the user-assigned value of the voltage probe's lower noncritical threshold.
Syntax	DellSigned32BitRange
Access	Read-write

Table 322. Voltage Probe Lower Critical Threshold

Name	voltageProbeLowerCriticalThreshold
Object ID	1.3.6.1.4.1.674.10892.1.600.20.1.13
Description	Defines the value of the voltage probe's lower critical threshold.
Syntax	DellSigned32BitRange
Access	Read-only

Table 323. Voltage Probe Lower Nonrecoverable Threshold

Name	voltageProbeLowerNonRecoverableThreshold
Object ID	1.3.6.1.4.1.674.10892.1.600.20.1.14
Description	Defines the value of the voltage probe's lower nonrecoverable threshold.
Syntax	DellSigned32BitRange
Access	Read-only

Table 324. Voltage Probe Capabilities

Name	voltageProbeProbeCapabilities
Object ID	1.3.6.1.4.1.674.10892.1.600.20.1.15
Description	Defines the probe capabilities of the voltage probe.
Syntax	DellProbeCapabilities
Access	Read-only

Table 325. Voltage Probe Discrete Reading

Name	voltageProbeDiscreteReading
Object ID	1.3.6.1.4.1.674.10892.1.600.20.1.16

Description	Defines the reading for a voltage probe of type <code>voltageProbeTypesDiscrete</code> . When the value for <code>voltageProbeType</code> is other than <code>voltageProbeTypesDiscrete</code> , a value is not returned for this attribute. When the value for <code>voltageProbeType</code> is <code>voltageProbeTypesDiscrete</code> , the value returned for this attribute is the discrete reading for the probe.
Syntax	<code>DellVoltageDiscreteReading</code>
Access	Read-only

Amperage Probe Table

Table 326. Amperage Probe Table

Name	<code>amperageProbeTable</code>
Object ID	1.3.6.1.4.1.674.10892.1.600.30
Description	Defines the Amperage Probe Table.
Syntax	SEQUENCE OF <code>AmperageProbeTableEntry</code>
Access	Not accessible

Table 327. Amperage Probe Table Entry

Name	<code>amperageProbeTableEntry</code>
Object ID	1.3.6.1.4.1.674.10892.1.600.30.1
Description	Defines the Amperage Probe Table entry.
Syntax	<code>AmperageProbeTableEntry</code>
Access	Not accessible
Index	<code>amperageProbechassisIndex</code> , <code>amperageProbeIndex</code>

Table 328. Amperage Probe Chassis Index

Name	<code>amperageProbechassisIndex</code>
Object ID	1.3.6.1.4.1.674.10892.1.600.30.1.1
Description	Defines the index (one-based) of this chassis.
Syntax	<code>DellObjectRange</code>
Access	Read-only

Table 329. Amperage Probe Index

Name	<code>amperageProbeIndex</code>
Object ID	1.3.6.1.4.1.674.10892.1.600.30.1.2
Description	Defines the index of amperage probes in this chassis.
Syntax	<code>DellObjectRange</code>

Access Read-only

Table 330. Amperage Probe State Capabilities

Name amperageProbeStateCapabilities
Object ID 1.3.6.1.4.1.674.10892.1.600.30.1.3
Description Defines the capabilities of the amperage probe.
Syntax DellStateCapabilities
Access Read-only

Table 331. Amperage Probe State Settings

Name amperageProbeStateSettings
Object ID 1.3.6.1.4.1.674.10892.1.600.30.1.4
Description Defines the state and settings of the amperage probe.
Syntax DellStateSettings
Access Read-write

Table 332. Amperage Probe Status

Name amperageProbeStatus
Object ID 1.3.6.1.4.1.674.10892.1.600.30.1.5
Description Defines the status of the amperage probe.
Syntax DellSigned32BitRange
Access Read-only

Table 333. Amperage Probe Reading

Name amperageProbeReading
Object ID 1.3.6.1.4.1.674.10892.1.600.30.1.6
Description Defines the reading for an amperage probe of type other than amperageProbeTypeIsDiscrete.
When the value for amperageProbeType is amperageProbeTypeIsPowerSupplyAmps or amperageProbeTypeIsSystemAmps, the value returned for this attribute is the power usage that the probe is reading in tenths of Amperes.
When the value for amperageProbeType is amperageProbeTypeIsPowerSupplyWatts or amperageProbeTypeIsSystemWatts, the value returned for this attribute is the power usage that the probe is reading in Watts.
When the value for amperageProbeType is other than amperageProbeTypeIsDiscrete, amperageProbeTypeIsPowerSupplyAmps, amperageProbeTypeIsPowerSupplyWatts, amperageProbeTypeIsSystemAmps, or amperageProbeTypeIsSystemWatts, the value returned for this attribute is the amperage that the probe is reading in Milliamps.
When the value for amperageProbeType is amperageProbeTypeIsDiscrete, a value is not returned for this attribute.
Syntax DellSigned32BitRange

Access Read-only

Table 334. Amperage Probe Type

Name amperageProbeType
Object ID 1.3.6.1.4.1.674.10892.1.600.30.1.7
Description Defines the type of the amperage probe.
Syntax DellAmperageProbeType
Access Read-only

Table 335. Amperage Probe Location Name

Name amperageProbeLocationName
Object ID 1.3.6.1.4.1.674.10892.1.600.30.1.8
Description Defines the location name of the amperage probe in this chassis.
Syntax DellString
Access Read-only

Table 336. Amperage Probe Upper Nonrecoverable Threshold

Name amperageProbeUpperNonRecoverableThreshold
Object ID 1.3.6.1.4.1.674.10892.1.600.30.1.9
Description Defines the value of the amperage probe's upper nonrecoverable threshold. The value is an integer representing the amperage in milliamperes that the probe is reading.
Syntax DellSigned32BitRange
Access Read-only

Table 337. Amperage Probe Upper Critical Threshold

Name amperageProbeUpperCriticalThreshold
Object ID 1.3.6.1.4.1.674.10892.1.600.30.1.10
Description Defines the value of the amperage probe's upper critical threshold.
Syntax DellSigned32BitRange
Access Read-only

Table 338. Amperage Probe Upper Noncritical Threshold

Name amperageProbeUpperNonCriticalThreshold
Object ID 1.3.6.1.4.1.674.10892.1.600.30.1.11
Description Defines the user-assigned value of the amperage probe's upper critical threshold.
Syntax DellSigned32BitRange
Access Read-write

Table 339. Amperage Probe Lower Noncritical Threshold

Name	amperageProbeLowerNonCriticalThreshold
Object ID	1.3.6.1.4.1.674.10892.1.600.30.1.12
Description	Defines the user-assigned value of the amperage probe's lower noncritical threshold.
Syntax	DellSigned32BitRange
Access	Read-write

Table 340. Amperage Probe Lower Critical Threshold

Name	amperageProbeLowerCriticalThreshold
Object ID	1.3.6.1.4.1.674.10892.1.600.30.1.13
Description	Defines the value of the amperage probe's lower critical threshold.
Syntax	DellSigned32BitRange
Access	Read-only

Table 341. Amperage Probe Lower Nonrecoverable Threshold

Name	amperageProbeLowerNonRecoverableThreshold
Object ID	1.3.6.1.4.1.674.10892.1.600.30.1.14
Description	Defines the value of the amperage probe's lower nonrecoverable threshold.
Syntax	DellSigned32BitRange
Access	Read-only

Table 342. Amperage Probe Probe Capabilities

Name	amperageProbeProbeCapabilities
Object ID	1.3.6.1.4.1.674.10892.1.600.30.1.15
Description	Defines the probe capabilities of the amperage probe.
Syntax	DellProbeCapabilities
Access	Read-only

Table 343. Amperage Probe Discrete Reading

Name	amperageProbeDiscreteReading
Object ID	1.3.6.1.4.1.674.10892.1.600.30.1.16
Description	Defines the reading for a amperage probe of type amperageProbeTypesDiscrete. When the value for amperageProbeType is other than amperageProbeTypesDiscrete, a value is not returned for this attribute. When the value for amperageProbeType is amperageProbeTypesDiscrete, the value returned for this attribute is the discrete reading for the probe.
Syntax	DellAmperageDiscreteReading (Amperage Probe Discrete Reading)
Access	Read-only

AC Power Switch Table

Table 344. AC Power Switch Table

Name	aCPowerSwitchTable
Object ID	1.3.6.1.4.1.674.10892.1.600.40
Description	Defines the AC Power Switch Table.
Syntax	SEQUENCE OF ACPowerSwitchTableEntry
Access	Not accessible

Table 345. AC Power Switch Table Entry

Name	aCPowerSwitchTableEntry
Object ID	1.3.6.1.4.1.674.10892.1.600.40.1
Description	Defines the AC Power Switch Table entry.
Syntax	ACPowerSwitchTableEntry
Access	Not accessible
Index	aCPowerSwitchchassisIndex , aCPowerSwitchIndex

Table 346. AC Power Switch Chassis Index

Name	aCPowerSwitchChassisIndex
Object ID	1.3.6.1.4.1.674.10892.1.600.40.1.1
Description	Defines the index (one-based) of the chassis containing this AC power switch.
Syntax	DellObjectRange
Access	Read-only

Table 347. AC Power Switch Index

Name	aCPowerSwitchIndex
Object ID	1.3.6.1.4.1.674.10892.1.600.40.1.2
Description	Defines the index (one-based) of this AC power switch.
Syntax	DellObjectRange
Access	Read-only

Table 348. AC Power Switch Capabilities

Name	aCPowerSwitchCapabilities
Object ID	1.3.6.1.4.1.674.10892.1.600.40.1.3
Description	Defines the capabilities of this AC power switch.

Syntax	DellACPowerSwitchCapabilities
Access	Read-only

Table 349. AC Power Switch Settings

Name	aCPowerSwitchSettings
Object ID	1.3.6.1.4.1.674.10892.1.600.40.1.4
Description	Defines the settings of this AC power switch.
Syntax	DellACPowerSwitchSettings
Access	Read-write

Table 350. AC Power Switch Redundancy Status

Name	aCPowerSwitchRedundancyStatus
Object ID	1.3.6.1.4.1.674.10892.1.600.40.1.5
Description	Defines the redundancy status of this AC power switch.
Syntax	DellStatusRedundancy
Access	Read-only

Table 351. AC Power Cord Count for Redundancy

Name	aCPowerCordCountForRedundancy
Object ID	1.3.6.1.4.1.674.10892.1.600.40.1.6
Description	Defines the total number of AC power cords required for this AC power switch to have redundancy.
Syntax	DellObjectRange
Access	Read-only

Table 352. AC Power Switch Name

Name	aCPowerSwitchName
Object ID	1.3.6.1.4.1.674.10892.1.600.40.1.7
Description	Defines the name of this AC power switch.
Syntax	DellString
Access	Read-only

Table 353. AC Power Switch Redundancy Mode

Name	aCPowerSwitchRedundancyMode
Object ID	1.3.6.1.4.1.674.10892.1.600.40.1.8
Description	Defines the redundancy mode of this AC power switch.
Syntax	DellACPowerSwitchRedundancyMode
Access	Read-write

Table 354. AC Power Switch Status

Name	aCPowerSwitchStatus
Object ID	1.3.6.1.4.1.674.10892.1.600.40.1.9
Description	Defines the status of this AC power switch.
Syntax	DellStatus
Access	Read-only

AC Power Cord Table

Table 355. AC Power Cord Table

Name	aCPowerCordTable
Object ID	1.3.6.1.4.1.674.10892.1.600.42
Description	Defines the AC Power Cord Table.
Syntax	SEQUENCE OF ACPowerCordTableEntry
Access	Not accessible

Table 356. AC Power Cord Table Entry

Name	aCPowerCordTableEntry
Object ID	1.3.6.1.4.1.674.10892.1.600.42.1
Description	Defines the AC Power Cord Table entry.
Syntax	ACPowerCordTableEntry
Access	Not accessible
Index	aCPowerCordchassisIndex , aCPowerCordIndex

Table 357. AC Power Cord Chassis Index

Name	aCPowerCordChassisIndex
Object ID	1.3.6.1.4.1.674.10892.1.600.42.1.1
Description	Defines the index (one-based) of the chassis containing this AC power cord.
Syntax	DellObjectRange
Access	Read-only

Table 358. AC Power Cord Index

Name	aCPowerCordIndex
Object ID	1.3.6.1.4.1.674.10892.1.600.42.1.2
Description	Defines the index (one-based) of this AC power cord.
Syntax	DellObjectRange

Access Read-only

Table 359. AC Power Cord State Capabilities

Name aCPowerCordStateCapabilities
Object ID 1.3.6.1.4.1.674.10892.1.600.42.1.3
Description Defines the capabilities of this AC power cord.
Syntax DellACPowerCordStateCapabilities
Access Read-only

Table 360. AC Power Cord State Settings

Name aCPowerCordStateSettings
Object ID 1.3.6.1.4.1.674.10892.1.600.42.1.4
Description Defines the settings of this AC power cord.
Syntax DellACPowerCordStateSettings
Access Read-write

Table 361. AC Power Cord Status

Name aCPowerCordStatus
Object ID 1.3.6.1.4.1.674.10892.1.600.42.1.5
Description Defines the status of this AC power cord.
Syntax DellStatus
Access Read-only

Table 362. AC Power Cord AC Power Switch Index Reference

Name aCPowerCordaCPowerSwitchIndexReference
Object ID 1.3.6.1.4.1.674.10892.1.600.42.1.6
Description Defines the index (one-based) to the associated AC power switch for this AC power cord.
Syntax DellObjectRange
Access Read-only

Table 363. AC Power Cord Location Name

Name aCPowerCordLocationName
Object ID 1.3.6.1.4.1.674.10892.1.600.42.1.7
Description Defines the location name of this AC power cord.
Syntax DellString
Access Read-only

Battery Table

Table 364. Battery Table

Name	batteryTable
Object ID	1.3.6.1.4.1.674.10892.1.600.50
Description	Defines the Battery Table.
Syntax	SEQUENCE OF BatteryTableEntry
Access	Not accessible

Table 365. Battery Table Entry

Name	batteryTableEntry
Object ID	1.3.6.1.4.1.674.10892.1.600.50.1
Description	Defines the Battery Table Entry.
Syntax	BatteryTableEntry
Access	Not accessible
Index	batteryChassisIndex, batteryIndex

Table 366. Battery Chassis Index

Name	batteryChassisIndex
Object ID	1.3.6.1.4.1.674.10892.1.600.50.1.1
Description	Defines the index (one-based) of the chassis that contains the battery.
Syntax	DellObjectRange
Access	Read-only

Table 367. Battery Index

Name	batteryIndex
Object ID	1.3.6.1.4.1.674.10892.1.600.50.1.2
Description	Defines the index (one-based) of the battery.
Syntax	DellObjectRange
Access	Read-only

Table 368. Battery State Capabilities

Name	batteryStateCapabilities
Object ID	1.3.6.1.4.1.674.10892.1.600.50.1.3
Description	Defines the state capabilities of the battery.
Syntax	DellStateCapabilities
Access	Read-only

Table 369. Battery State Settings

Name	batteryStateSettings
Object ID	1.3.6.1.4.1.674.10892.1.600.50.1.4
Description	Defines the state settings of the battery.
Syntax	DellStateSettings
Access	Read-write

Table 370. Battery Status

Name	batteryStatus
Object ID	1.3.6.1.4.1.674.10892.1.600.50.1.5
Description	Defines the status of the battery.
Syntax	DellStatus
Access	Read-only

Table 371. Battery Reading

Name	batteryReading
Object ID	1.3.6.1.4.1.674.10892.1.600.50.1.6
Description	Defines the reading of the battery.
Syntax	DellBatteryReading (Battery Reading)
Access	Read-only

Table 372. Battery Location Name

Name	batteryLocationName
Object ID	1.3.6.1.4.1.674.10892.1.600.50.1.7
Description	Defines the location of the battery.
Syntax	DellString
Access	Read-only

Power Usage Table

Table 373. Power Usage Table

Name	powerUsageTable
Object ID	1.3.6.1.4.1.674.10892.1.600.60
Description	Defines the Power Usage Table.
Syntax	SEQUENCE OF PowerUsageTableEntry
Access	Not accessible

Table 374. Power Usage Table Entry

Name	powerUsageTableEntry
Object ID	1.3.6.1.4.1.674.10892.1.600.60.1
Description	Defines the Power Usage Table Entry.
Syntax	PowerUsageTableEntry
Access	Not accessible
Index	powerUsageChassisIndex , powerUsageIndex

Table 375. Power Usage Chassis Index

Name	powerUsageChassisIndex
Object ID	1.3.6.1.4.1.674.10892.1.600.60.1.1
Description	Defines the index (one-based) of the associated chassis.
Syntax	DellObjectRange
Access	Read-only

Table 376. Power Usage Index

Name	powerUsageIndex
Object ID	1.3.6.1.4.1.674.10892.1.600.60.1.2
Description	Defines the index (one-based) of the power usage information.
Syntax	DellObjectRange
Access	Read-only

Table 377. Power Usage State Capabilities

Name	powerUsageStateCapabilities
Object ID	1.3.6.1.4.1.674.10892.1.600.60.1.3
Description	Defines the state capabilities of the power usage information.
Syntax	DellStateCapabilities
Access	Read-only

Table 378. Power Usage State Settings

Name	powerUsageStateSettings
Object ID	1.3.6.1.4.1.674.10892.1.600.60.1.4
Description	Defines the state settings of the power usage information.
Syntax	DellStateSettings
Access	Read-write

Table 379. Power Usage Status

Name	powerUsageStatus
Object ID	1.3.6.1.4.1.674.10892.1.600.60.1.5
Description	Defines the status of the power usage information.
Syntax	DellStatus
Access	Read-only

Table 380. Power Usage Entity Name

Name	powerUsageEntityName
Object ID	1.3.6.1.4.1.674.10892.1.600.60.1.6
Description	Defines the name of the entity associated with this power usage information.
Syntax	DellString
Access	Read-only

Table 381. Power Usage Cumulative Wattage

Name	powerUsageCumulativeWattage
Object ID	1.3.6.1.4.1.674.10892.1.600.60.1.7
Description	Defines the total wattage used (in Watt-hours) by this entity since the date and time specified by the powerUsageCumulativeWattageStartDateName attribute.
Syntax	DellUnsigned32BitRange
Access	Read-only

Table 382. Power Usage Cumulative Wattage Start Date Name

Name	powerUsageCumulativeWattageStartDateName
Object ID	1.3.6.1.4.1.674.10892.1.600.60.1.8
Description	Defines the date and time at which the data collection started for the value reported by the powerUsageCumulativeWattage attribute.
Syntax	DellDateName
Access	Read-only

Table 383. Power Usage Peak Watts

Name	powerUsagePeakWatts
Object ID	1.3.6.1.4.1.674.10892.1.600.60.1.9
Description	Defines the peak wattage reading (in Watts) for this entity since the date and time specified by the powerUsagePeakWattsStartDateName attribute.
Syntax	DellUnsigned32BitRange
Access	Read-only

Table 384. Power Usage Peak Watts Start Date Name

Name	powerUsagePeakWattsStartDateName
Object ID	1.3.6.1.4.1.674.10892.1.600.60.1.10
Description	Defines the date and time at which the data collection started for the value reported by the powerUsagePeakWatts attribute.
Syntax	DelIDateName
Access	Read-only

Table 385. Power Usage Peak Watts Reading Date Name

Name	powerUsagePeakWattsReadingDateName
Object ID	1.3.6.1.4.1.674.10892.1.600.60.1.11
Description	Defines the date and time at which the value reported by the powerUsagePeakWatts attribute was measured.
Syntax	DelIDateName
Access	Read-only

Table 386. Power Usage Peak Amps

Name	powerUsagePeakAmps
Object ID	1.3.6.1.4.1.674.10892.1.600.60.1.12
Description	Defines the peak amperage reading (in tenths of Amps) for this entity since the date and time specified by the powerUsagePeakAmpsStartDateName attribute.
Syntax	DelUnsigned32BitRange
Access	Read-only

Table 387. Power Usage Peak Amps Start Date Name

Name	powerUsagePeakAmpsStartDateName
Object ID	1.3.6.1.4.1.674.10892.1.600.60.1.13
Description	Defines the date and time at which the data collection started for the value reported by the powerUsagePeakAmps attribute.
Syntax	DelIDateName
Access	Read-only

Table 388. Power Usage Peak Amps Reading Date Name

Name	powerUsagePeakAmpsReadingDateName
Object ID	1.3.6.1.4.1.674.10892.1.600.60.1.14
Description	Defines the date and time at which the value reported by the powerUsagePeakAmps attribute was measured.
Syntax	DelIDateName
Access	Read-only

Table 389. Power Usage Idle Power

Name	powerUsageIdlePower
Object ID	1.3.6.1.4.1.674.10892.1.600.60.1.15
Description	Defines the system idle power (in Watts). This is the minimum power the system can consume based on the current hardware configuration.
Syntax	DellUnsigned32BitRange
Access	Read-only

Table 390. Power Usage Max Potential Power

Name	powerUsageMaxPotentialPower
Object ID	1.3.6.1.4.1.674.10892.1.600.60.1.16
Description	Defines the maximum potential power (in Watts) of the system. This is the maximum power the system can consume based on the current hardware configuration.
Syntax	DellUnsigned32BitRange
Access	Read-only

Table 391. Power Usage Power Cap Capabilities

Name	powerUsagePowerCapCapabilities
Object ID	1.3.6.1.4.1.674.10892.1.600.60.1.17
Description	Defines the system power cap capabilities.
Syntax	DellPowerCapCapabilities
Access	Read-only

Table 392. Power Usage Power Cap Setting

Name	powerUsagePowerCapSetting
Object ID	1.3.6.1.4.1.674.10892.1.600.60.1.18
Description	Defines the system power cap setting.
Syntax	DellPowerCapSetting
Access	Read-only

Table 393. Power Usage Power Cap Value

Name	powerUsagePowerCapValue
Object ID	1.3.6.1.4.1.674.10892.1.600.60.1.19
Description	Defines the system power cap value (in Watts).
Syntax	DellUnsigned32BitRange
Access	Read-only

Table 394. Power Usage Instantaneous Headroom

Name	powerUsageInstantaneousHeadroom
Object ID	1.3.6.1.4.1.674.10892.1.600.60.1.20
Description	Defines the system instantaneous headroom (in Watts). This is the theoretical maximum power drawn by the power supply minus instantaneous power draw.
Syntax	DellUnsigned32BitRange
Access	Read-only

Table 395. Power Usage Peak Headroom

Name	powerUsagePeakHeadroom
Object ID	1.3.6.1.4.1.674.10892.1.600.60.1.21
Description	Defines the system peak headroom (in Watts). This is the theoretical maximum power drawn by the power supply minus peak power draw.
Syntax	DellUnsigned32BitRange
Access	Read-only

Power Profile Table

Table 396. Power Profile Table

Name	powerProfileTable
Object ID	1.3.6.1.4.1.674.10892.1.600.70
Description	Defines the Power Profile Table.
Syntax	SEQUENCE OF PowerProfileTableEntry
Access	Not accessible

Table 397. Power Profile Table Entry

Name	powerProfileTableEntry
Object ID	1.3.6.1.4.1.674.10892.1.600.70.1
Description	Defines the Power Profile Table Entry.
Syntax	PowerProfileTableEntry
Access	Not accessible
Index	powerProfileChassisIndex , powerProfileIndex

Table 398. Power Profile Chassis Index

Name	powerProfileChassisIndex
Object ID	1.3.6.1.4.1.674.10892.1.600.70.1.1
Description	Defines the index (one-based) of the associated chassis.
Syntax	DellObjectRange

Access Read-only

Table 399. Power Profile Index

Name powerProfileIndex
Object ID 1.3.6.1.4.1.674.10892.1.600.70.1.2
Description Defines the index (one-based) of the power profile information.
Syntax DellObjectRange
Access Read-only

Table 400. Power Profile Supported Profiles

Name powerProfileSupportedProfiles
Object ID 1.3.6.1.4.1.674.10892.1.600.70.1.3
Description Defines the supported power profiles.
Syntax DellPowerProfileType
Access Read-only

Table 401. Power Profile Setting

Name powerProfileSetting
Object ID 1.3.6.1.4.1.674.10892.1.600.70.1.4
Description Defines the power profile setting.
Syntax DellPowerProfileType
Access Read-only

Table 402. Power Profile Custom CPU Management Capabilities

Name powerProfileCustomCPUManagementCapabilities
Object ID 1.3.6.1.4.1.674.10892.1.600.70.1.5
Description Defines the custom CPU power and performance management capabilities that are available for the Custom power profile.
Syntax DellCPUPowerPerformanceManagementType
Access Read-only

Table 403. Power Profile Custom CPU Management Setting

Name powerProfileCustomCPUManagementSetting
Object ID 1.3.6.1.4.1.674.10892.1.600.70.1.6
Description Defines the custom CPU power and performance management setting for the Custom power profile.
Syntax DellCPUPowerPerformanceManagementType
Access Read-only

Table 404. Power Profile Custom Memory Management Capabilities

Name	powerProfileCustomMemoryManagementCapabilities
Object ID	1.3.6.1.4.1.674.10892.1.600.70.1.7
Description	Defines the custom memory power and performance management capabilities that are available for the Custom power profile.
Syntax	DellMemoryPowerPerformanceManagementType
Access	Read-only

Table 405. Power Profile Custom Memory Management Capabilities

Name	powerProfileCustomMemoryManagementSetting
Object ID	1.3.6.1.4.1.674.10892.1.600.70.1.8
Description	Defines the custom memory power and performance management setting for the Custom power profile.
Syntax	DellMemoryPowerPerformanceManagementType
Access	Read-only

Table 406. Power Profile Custom Fan Management Capabilities

Name	powerProfileCustomFanManagementCapabilities
Object ID	1.3.6.1.4.1.674.10892.1.600.70.1.9
Description	Defines the custom fan power and performance management capabilities that are available for the Custom power profile.
Syntax	DellFanPowerPerformanceManagementType
Access	Read-only

Table 407. Power Profile Custom Fan Management Setting

Name	powerProfileCustomFanManagementSetting
Object ID	1.3.6.1.4.1.674.10892.1.600.70.1.10
Description	Defines the custom fan power and performance management setting for the Custom power profile.
Syntax	DellFanPowerPerformanceManagementType
Access	Read-only

Power Group Variable Values

This section includes definitions for server administrator-specific variable values used in this section.

Table 408. Power Supply State Capabilities Unique

Variable Name: DellPowerSupplyStateCapabilitiesUnique

Data Type: Integer

Possible Data Values	Meaning of Data Value
----------------------	-----------------------

unknown (1)	The power supply's capabilities are unknown.
onlineCapable (2)	The power supply can be disabled (offline, a binary 0 value) or enabled (online, a binary 1 value).
notReadyCapable (4)	The power supply's capabilities are not ready.

Table 409. Power Supply State Settings Unique

Variable Name: DellPowerSupplyStateSettingsUnique

Data Type: Integer

Possible Data Values

unknown (1)
onLine (2)
notReady (4)
fanFailure (8)
onlineAndFanFailure (10)
powerSupplyIsON (16)
powerSupplyIsOk (32)
acSwitchIsON (64)
onlineandAcSwitchIsON (66)
acPowerIsON (128)
onlineAndAcPowerIsON (130)
onlineAndPredictiveFailure (210)
acPowerAndSwitchAreOn PowerSupplyIsOnIsOkAnd Online (242)

Meaning of Data Value

The power supply's capabilities are unknown.
The power supply's state is disabled (offline, a binary 0 value) or enabled (online, a binary 1 value).
The power supply's state is not ready.
The power supply fan has failed.
The power supply is online and indicating that its fan is not working.
The power supply is indicating that it is on.
The power supply is indicating that it is OK.
The power supply is indicating that the AC power switch is on.
The power supply is online and indicating that the AC power supply switch capability is activated.
The power supply is indicating that the AC power is on.
The power supply is online and indicating that the AC power is on.
The power supply is online and indicating that it has a problem.
The power supply is online and OK.

Table 410. Power Supply Type Definitions

Variable Name: DellPowerSupplyType

Data Type: Integer

Possible Data Values

powerSupplyTypeIsOther (1)
powerSupplyTypeIsUnknown (2)

Meaning of Data Value

The power supply type is not one of the following:
The power supply type is unknown (not known or not monitored).

powerSupplyTypeIsLinear (3)	The power supply type is a linear power supply.
powerSupplyTypeIsSwitching (4)	The power supply type is a switching power supply.
powerSupplyTypeIsBattery (5)	The power supply type is a battery.
powerSupplyTypeIsUPS (6)	The power supply type is an uninterruptable power supply.
powerSupplyTypeIsConverter (7)	The power supply type is a power converter power supply.
powerSupplyTypeIsRegulator (8)	The power supply type is a regulator power supply.
powerSupplyTypeIsAC (9)	The power supply type is an AC power supply.
powerSupplyTypeIsDC (10)	The power supply type is a DC power supply.
powerSupplyTypeIsVRM (11)	The power supply type is a voltage regulator module (VRM) power supply.

Table 411. Power Supply Sensor State

Variable Name: DellPowerSupplySensorState

Data Type: Integer

Possible Data Values

- presenceDetected (1)
- psFailureDetected (2)
- predictiveFailure (4)
- psACLost (8)
- acLostOrOutOfRange (16)
- acOutOfRangeButPresent (32)
- configurationError (64)

Meaning of Data Value

- The power supply's presence is detected.
- The power supply failure is detected.
- The power supply sensor detects predictive failure
- The power supply's AC power is lost.
- The power supply's AC power is lost or out of range.
- The power supply's AC power is present, but it is out of range.
- The power supply sensor detects a configuration error.

Table 412. Power Supply Configuration Error Type

Variable Name: DellPowerSupplyConfigurationErrorType

Data Type: Integer

Possible Data Values

- vendorMismatch (1)
- revisionMismatch (2)
- processorMissing (3)

Meaning of Data Value

- The power supply configuration error type is vendor mismatch.
- The power supply configuration error type is revision mismatch.
- The power supply configuration error type is processor missing.

Table 413. Voltage Probe Type

Variable Name: DellVoltageType

Data Type: Integer

Possible Data Values

- voltageProbeTypeIsOther (1)
- voltageProbeTypeIsUnknown (2)

- voltageProbeTypeIs1Point5Volt (3)
- voltageProbeTypeIs3Point3Volt (4)
- voltageProbeTypeIs5Volt (5)
- voltageProbeTypeIsMinus5Volt (6)
- voltageProbeTypeIs12Volt (7)
- voltageProbeTypeIsMinus12Volt (8)
- voltageProbeTypeIsIO (9)
- voltageProbeTypeIsCore (10)
- voltageProbeTypeIsFLEA (11)
- voltageProbeTypeIsBattery (12)
- voltageProbeTypeIsTerminator (13)
- voltageProbeTypeIs2Point5Volt (14)
- voltageProbeTypeIsGTL (15)

- voltageProbeTypeIsDiscrete (16)

Meaning of Data Value

- The voltage probe type is not one of the following:
- The voltage probe type is unknown (not known or not monitored).
- The voltage probe type is a 1.5-volt (V) probe.
- The voltage probe type is a 3.3-V probe.
- The voltage probe type is a 5-V probe.
- The voltage probe type is a -5-V probe.
- The voltage probe type is a 12-V probe.
- The voltage probe type is a -12-V probe.
- The voltage probe type is an I/O volt probe.
- The voltage probe type is a core volt probe.
- The voltage probe type is a FLEA (standby) volt probe.
- The voltage probe type is a battery volt probe.
- The voltage probe type is a SCSI termination volt probe.
- The voltage probe type is a 2.5-V probe.
- The voltage probe type is a ground termination logic (GTL) probe.
- The voltage probe type is a voltage probe with discrete reading.

Table 414. Voltage Probe Discrete Reading

Variable Name: DellVoltageDiscreteReading

Data Type: Integer

Possible Data Values

- voltageIsGood (1)
- voltageIsBad (2)

Meaning of Data Value

- The voltage probe discrete reading is good.
- The voltage probe discrete reading is bad.

Table 415. Amperage Probe Definitions

Variable Name: DellAmperageType

Data Type: Integer

Possible Data Values

Meaning of Data Value

amperageProbeTypeIsOther (1)	The amperage probe type is not one of the following:
amperageProbeTypeIsUnknown (2)	The amperage probe type is unknown (not known or not monitored).
amperageProbeTypeIs1Point5Volt (3)	The amperage probe type is a 1.5-ampere (A) probe.
amperageProbeTypeIs3Point3volt (4)	The amperage probe type is a 3.3-A probe.
amperageProbeTypeIs5Volt (5)	The amperage probe type is a 5-A probe.
amperageProbeTypeIsMinus5Volt (6)	The amperage probe type is a –5-A probe.
amperageProbeTypeIs12Volt (7)	The amperage probe type is a 12-A probe.
amperageProbeTypeIsMinus12Volt (8)	The amperage probe type is a –12-A probe.
amperageProbeTypeIsIO (9)	The amperage probe type is an I/O amperage probe.
amperageProbeTypeIsCore (10)	The amperage probe type is a core amperage probe.
amperageProbeTypeIsFLEA (11)	The amperage probe type is a FLEA (standby) amperage probe.
amperageProbeTypeIsBattery (12)	The amperage probe type is a battery amperage probe.
amperageProbeTypeIsTerminator (13)	The amperage probe type is a Small Computer System Interface (SCSI) termination amperage probe.
amperageProbeTypeIs2Point5Volt (14)	The amperage probe type is a 2.5-V amperage probe.
amperageProbeTypeIsGTL (15)	The amperage probe type is a Gunning Transceiver Logic (GTL) probe.
amperageProbeTypeIsDiscrete (16)	The amperage probe type is an amperage probe with discrete reading.
amperageProbeTypeIsPowerSupplyAmps (23)	The amperage probe type is power supply probe with reading in Amperes.
amperageProbeTypeIsPowerSupplyWatts (24)	The amperage probe type is power supply probe with reading in Watts.
amperageProbeTypeIsSystemAmps (25)	The amperage probe type is system probe with reading in Amperes.
amperageProbeTypeIsSystemWatts (26)	The amperage probe type is system probe with reading in Watts.

Table 416. Amperage Probe Discrete Reading

Variable Name: DellAmperageDiscreteReading

Data Type: Integer

Possible Data Values

amperageIsGood (1)

amperageIsBad (2)

Meaning of Data Value

The amperage probe discrete reading is good.

The amperage probe discrete reading is bad.

Table 417. AC Power Switch Capabilities

Variable Name: DellACPowerSwitchCapabilities

Data Type: Integer

Possible Data Values

unknownCapabilities (1)
inputSourceCord1NoReturnCapable (2)
inputSourceCord1ReturnCapable (4)
inputSourceCord2NoReturnCapable (8)
inputSourceCord2ReturnCapable (16)
inputSourceSharedCapable (32)

Meaning of Data Value

The AC power switch's capabilities are unknown.
Input source is AC power cord 1, with no return.
Input source is AC power cord 1, with return.
Input source is AC power cord 2, with no return.
Input source is AC power cord 2, with return.
Input source is shared.

Table 418. AC Power Switch Settings

Variable Name: DellACPowerSwitchSettings

Data Type: Integer

Possible Data Values

unknown (1)
inputSourceCord1NoReturn (2)
inputSourceCord1Return (4)
inputSourceCord2NoReturn (8)
inputSourceCord2Return (16)
inputSourceShared (32)

Meaning of Data Value

The AC power switch's settings are unknown.
Input source is AC power cord 1, with no return.
Input source is AC power cord 1, with return.
Input source is AC power cord 2, with no return.
Input source is AC power cord 2, with return.
Input source is shared.

Table 419. AC Power Switch Redundancy Mode

Variable Name: DellACPowerSwitchRedundancyMode

Data Type: Integer

Possible Data Values

nonRedundant (1)
redundant (2)

Meaning of Data Value

The AC power switch is not expecting redundancy.
The AC power switch is expecting redundancy.

Table 420. AC Power Cord State Capabilities

Variable Name: DellACPowerCordStateCapabilities

Data Type: Integer

Possible Data Values

unknown (1)

Meaning of Data Value

The AC power cord's capabilities are unknown.

<code>onlineCapable (2)</code>	The AC power cord can be disabled (offline) or enabled (online).
<code>notReadyCapable (4)</code>	The AC power cord's capabilities are not ready.

Table 421. AC Power Cord State Settings

Variable Name: `DellACPowerCordStateSettings`

Data Type: Integer

Possible Data Values


Meaning of Data Value

<code>unknown (1)</code>	The AC power cord's state is unknown.
<code>online (2)</code>	The AC power cord's state is disabled (offline) 0 or enabled (online) 1.
<code>notReady (4)</code>	The AC power cord's state is not ready.
<code>acPowerCordHasPower (8)</code>	The AC power cord has power.
<code>acPowerCordIsActive Source (16)</code>	The AC power cord is the active source of AC power.

Table 422. Battery Reading

Variable Name: `DellBatteryReading`

Data Type: Integer

 **NOTE:** These values are bit masks, so combination values are possible.

Possible Data Values


Meaning of Data Value

<code>predictiveFailure (1)</code>	Battery sensor detects predictive failure.
<code>failed (2)</code>	Battery has failed.
<code>presenceDetected (4)</code>	Battery presence is detected.

Table 423. Power Cap Capabilities

Variable Name: `DellPowerCapCapabilities`

Data Type: Integer

 **NOTE:** These values are bit masks, so combination values are possible.

Possible Data Values

Meaning of Data Value

<code>none (0)</code>	No power cap capabilities are available.
<code>enable (1)</code>	Power cap can be enabled.
<code>disable (2)</code>	Power cap can be disabled.

Table 424. Power Cap Setting

Variable Name: DellPowerCapSetting

Data Type: Integer

Possible Data Values

disabled(0)

enabled(1)

Meaning of Data Value

Power cap is disabled.

Power cap is enabled.

Table 425. Power Profile Type

Variable Name: DellPowerProfileType

Data Type: Integer



NOTE: These values are bit masks, so combination values are possible.

Possible Data Values

maxPerformance(1)

osControl(2)

activePowerController(4)

custom(8)

Meaning of Data Value

Power profile type is Maximum Performance.

Power profile type is OS control.

Power profile type is Active Power Controller.

Power profile type is Custom.

Table 426. CPU Power Performance Management Type

Variable Name: DellCPUPowerPerformanceManagementType

Data Type: Integer



NOTE:

These values are bit masks, so combination values are possible.

Possible Data Values

maxPerformance(1)

minPower(2)

osDBPM(4)

systemDBPM(8)

Meaning of Data Value

CPU power and performance management type is Maximum Performance.

CPU power and performance management type is Minimum Power.

CPU power and performance management type is OS Demand Based Power Management.

CPU power and performance management type is System Demand Based Power Management.

Table 427. Memory Power Performance Management Type

Variable Name: DellMemoryPowerPerformanceManagementType

Data Type: Integer



NOTE:

These values are bit masks, so combination values are possible.

Possible Data Values

Meaning of Data Value

maxPerformance (1)

Memory power and performance management type is Maximum Performance.

mhz1333 (2)

Memory power and performance is 1333 MHz. .

mhz1067 (4)

Memory power and performance is 1067 MHz.

mhz800 (8)

Memory power and performance is 800 MHz.

minPower (16)

Memory power and performance management type is Minimum Power.

Table 428. Fan Power Performance Management Type

Variable Name: DellFanPowerPerformanceManagementType

Data Type: Integer



NOTE:

These values are bit masks, so combination values are possible.

Possible Data Values

Meaning of Data Value

maxPerformance (1)

Fan power and performance management type is Maximum Performance.

minPower (2)

Fan power and performance management type is Minimum Power.

Thermal Group

The Thermal Group provides information about cooling units, cooling devices, and temperature probes. Cooling units are sets of fans or other cooling devices in a system chassis. Thermal Group variables include threshold values and types of cooling devices and temperature probes.

Thermal Group Tables

The following management information base (MIB) tables define the objects in the Thermal Group:

- [Cooling Unit Table](#)
- [Cooling Device Table](#)
- [Temperature Probe Table](#)

Cooling Unit Table

Table 429. Cooling Unit Table

Name	<code>coolingUnitTable</code>
Object ID	<code>1.3.6.1.4.1.674.10892.1.700.10</code>
Description	Defines the Cooling Unit Table.
Syntax	<code>TableEntry</code>
Access	Not accessible

Table 430. Cooling Unit Table Entry

Name	<code>coolingUnitTableEntry</code>
Object ID	<code>1.3.6.1.4.1.674.10892.1.700.10.1</code>
Description	Defines the Cooling Unit Table entry.
Syntax	<code>TableEntry</code>
Access	Not accessible
Index	<code>coolingUnitChassisIndex</code> , <code>coolingUnitIndex</code>

Table 431. Cooling Unit Chassis Index

Name	<code>coolingUnitChassisIndex</code>
Object ID	<code>1.3.6.1.4.1.674.10892.1.700.10.1.1</code>
Description	Defines the index (one-based) of this chassis.

Syntax	TableEntry
Access	Read-only

Table 432. Cooling Unit Index

Name	coolingUnitIndex
Object ID	1.3.6.1.4.1.674.10892.1.700.10.1.2
Description	Defines the index (one-based) of cooling units.
Syntax	DellObjectRange
Access	Read-only

Table 433. Cooling Unit State Capabilities

Name	coolingUnitStateCapabilities
Object ID	1.3.6.1.4.1.674.10892.1.700.10.1.3
Description	Defines the capabilities of the cooling unit.
Syntax	DellStateCapabilities
Access	Read-only

Table 434. Cooling Unit State Settings

Name	coolingUnitStateSettings
Object ID	1.3.6.1.4.1.674.10892.1.700.10.1.4
Description	Defines the state and settings of the cooling unit.
Syntax	DellStateSettings
Access	Read-write

Table 435. Cooling Unit Redundancy Status

Name	coolingUnitRedundancyStatus
Object ID	1.3.6.1.4.1.674.10892.1.700.10.1.5
Description	Defines the redundancy status of the cooling unit.
Syntax	DellStatusRedundancy
Access	Read-only

Table 436. Cooling Device Count For Redundancy

Name	coolingDeviceCountForRedundancy
Object ID	1.3.6.1.4.1.674.10892.1.700.10.1.6
Description	Defines the total number of cooling devices required for this cooling unit to have redundancy.
Syntax	DellObjectRange
Access	Read-only

Table 437. Cooling Unit Name

Name	coolingUnitName
Object ID	1.3.6.1.4.1.674.10892.1.700.10.1.7
Description	Defines the cooling unit name in this chassis.
Syntax	DellString
Access	Read-only

Table 438. Cooling Unit Status

Name	coolingUnitStatus
Object ID	1.3.6.1.4.1.674.10892.1.700.10.1.8
Description	Defines the status of the cooling unit in this chassis.
Syntax	DellStatus
Access	Read-only

Cooling Device Table

Table 439. Cooling Device Table

Name	coolingDeviceTable
Object ID	1.3.6.1.4.1.674.10892.1.700.12
Description	Defines the Cooling Device Table.
Syntax	CoolingDeviceTableEntry
Access	Not accessible

Table 440. Cooling Device Table Entry

Name	coolingDeviceTableEntry
Object ID	1.3.6.1.4.1.674.10892.1.700.12.1
Description	Defines the Cooling Device Table entry.
Syntax	CoolingDeviceTableEntry
Access	Not accessible
Index	cooling DevicechassisIndex , coolingDeviceIndex

Table 441. Cooling Device Chassis Index

Name	coolingDevicechassisIndex
Object ID	1.3.6.1.4.1.674.10892.1.700.12.1.1
Description	Defines the index (one-based) of this chassis.
Syntax	DellObjectRange

Access Read-only

Table 442. Cooling Device Index

Name `coolingDeviceIndex`
Object ID 1.3.6.1.4.1.674.10892.1.700.12.1.2
Description Defines the index of cooling devices in this chassis.
Syntax `DellObjectRange`
Access Read-only

Table 443. Cooling Device State Capabilities

Name `coolingDeviceStateCapabilities`
Object ID 1.3.6.1.4.1.674.10892.1.700.12.1.3
Description Defines the capabilities of the cooling device.
Syntax `DellStateCapabilities`
Access Read-only

Table 444. Cooling Device State Settings

Name `coolingDeviceStateSettings`
Object ID 1.3.6.1.4.1.674.10892.1.700.12.1.4
Description Defines the state and settings of the cooling device.
Syntax `DellStateSettings`
Access Read-write

Table 445. Cooling Device Status

Name `coolingDeviceStatus`
Object ID 1.3.6.1.4.1.674.10892.1.700.12.1.5
Description Defines the status of the cooling device.
Syntax `DellStatusProbe`
Access Read-only

Table 446. Cooling Device Reading

Name `coolingDeviceReading`
Object ID 1.3.6.1.4.1.674.10892.1.700.12.1.6
Description Defines either the cooling device's speed in revolutions per minute (RPM), or the off/on value of the fan.
When the value for `coolingDeviceSubType` is other than `coolingDeviceSubTypesDiscrete`, the value returned for this attribute is the speed in RPM or the OFF/ON value of the cooling device. When the value for `coolingDeviceSubType` is `coolingDeviceSubTypesDiscrete`, a value is not returned for this attribute.
Syntax `DellSigned32BitRange`

Access Read-only

Table 447. Cooling Device Type

Name coolingDeviceType
Object ID 1.3.6.1.4.1.674.10892.1.700.12.1.7
Description Defines the cooling device type.
Syntax DellCoolingDeviceType ([Cooling Device Type](#))
Access Read-only

Table 448. Cooling Device Location Name

Name coolingDeviceLocationName
Object ID 1.3.6.1.4.1.674.10892.1.700.12.1.8
Description Defines the location of the cooling device in this chassis.
Syntax DellString
Access Read-only

Table 449. Cooling Device Upper Nonrecoverable Threshold

Name coolingDeviceUpperNonrecoverableThreshold
Object ID 1.3.6.1.4.1.674.10892.1.700.12.1.9
Description Defines the value of the fan's upper nonrecoverable threshold.
Syntax DellSigned32BitRange
Access Read-only

Table 450. Cooling Device Upper Critical Threshold

Name coolingDeviceUpperCriticalThreshold
Object ID 1.3.6.1.4.1.674.10892.1.700.12.1.10
Description Defines the value of the fan's upper critical threshold.
Syntax DellSigned32BitRange
Access Read-only

Table 451. Cooling Device Upper Noncritical Threshold

Name coolingDeviceUpperNonCriticalThreshold
Object ID 1.3.6.1.4.1.674.10892.1.700.12.1.11
Description Defines the user-assigned value of the fan's upper noncritical threshold.
Syntax DellSigned32BitRange
Access Read-write

Table 452. Cooling Device Lower Noncritical Threshold

Name	coolingDeviceLowerNonCriticalThreshold
Object ID	1.3.6.1.4.1.674.10892.1.700.12.1.12
Description	Defines the user-assigned value of the fan's lower noncritical threshold.
Syntax	DellSigned32BitRange
Access	Read-write

Table 453. Cooling Device Lower Critical Threshold

Name	coolingDeviceLowerCriticalThreshold
Object ID	1.3.6.1.4.1.674.10892.1.700.12.1.13
Description	Defines the value of the fan's lower critical threshold.
Syntax	DellSigned32BitRange
Access	Read-only

Table 454. Cooling Device Lower Nonrecoverable Threshold

Name	coolingDeviceLowerNonRecoverableThreshold
Object ID	1.3.6.1.4.1.674.10892.1.700.12.1.14
Description	Defines the value of the fan's lower nonrecoverable threshold.
Syntax	DellSigned32BRead-onlyitRange
Access	Read-only

Table 455. Cooling Device Cooling Unit Index Reference

Name	coolingDevicecoolingUnitIndexReference
Object ID	1.3.6.1.4.1.674.10892.1.700.12.1.15
Description	Defines the index for the associated system cooling unit in this chassis.
Syntax	DellObjectRange
Access	Read-only

Table 456. Cooling Device Subtype

Name	coolingDeviceSubType
Object ID	1.3.6.1.4.1.674.10892.1.700.12.1.16
Description	Defines the cooling device subtype.
Syntax	DellCoolingDeviceSubType (Cooling Device Subtype)
Access	Read-only

Table 457. Cooling Device Probe Capabilities

Name	coolingDeviceProbeCapabilities
Object ID	1.3.6.1.4.1.674.10892.1.700.12.1.17

Description	Defines the probe capabilities of the cooling device.
Syntax	DellProbeCapabilities
Access	Read-only

Table 458. Cooling Device Discrete Reading

Name	coolingDeviceDiscreteReading
Object ID	1.3.6.1.4.1.674.10892.1.700.12.1.18
Description	Defines the reading for a voltage probe of type coolingDeviceSubTypelsDiscrete. When the value for coolingDeviceSubType is other than coolingDeviceSubTypelsDiscrete, a value is not returned for this attribute. When the value for coolingDeviceSubType is coolingDeviceSubTypelsDiscrete, the value returned for this attribute is the discrete reading for the cooling device.
Syntax	DellCoolingDeviceDiscreteReading (Cooling Device Discrete Reading)
Access	Read-only

Temperature Probe Table

Table 459. Temperature Probe Table

Name	temperatureProbeTable
Object ID	1.3.6.1.4.1.674.10892.1.700.20
Description	Defines the Temperature Probe Table.
Syntax	TemperatureProbeTableEntry
Access	Not accessible

Table 460. Temperature Probe Table Entry

Name	temperatureProbeTableEntry
Object ID	1.3.6.1.4.1.674.10892.1.700.20.1
Description	Defines the Temperature Probe Table entry.
Syntax	TemperatureProbeTableEntry
Access	Not accessible
Index	temperatureProbechassisIndex , temperatureProbeIndex

Table 461. Temperature Probe Chassis Index

Name	temperatureProbechassisIndex
Object ID	1.3.6.1.4.1.674.10892.1.700.20.1.1
Description	Defines the index (one-based) of this chassis.
Syntax	DellObjectRange

Access Read-only

Table 462. Temperature Probe Index

Name temperatureProbeIndex
Object ID 1.3.6.1.4.1.674.10892.1.700.20.1.2
Description Defines the index of temperature probes in this chassis.
Syntax DellObjectRange
Access Read-only

Table 463. Temperature Probe State Capabilities

Name temperatureProbeStateCapabilities
Object ID 1.3.6.1.4.1.674.10892.1.700.20.1.3
Description Defines the capabilities of the temperature probe.
Syntax DellStateCapabilities
Access Read-only

Table 464. Temperature Probe State Settings

Name temperatureProbeStateSettings
Object ID 1.3.6.1.4.1.674.10892.1.700.20.1.4
Description Defines the state and settings of the temperature probe.
Syntax DellStateSettings
Access Read-write

Table 465. Temperature Probe Status

Name temperatureProbeStatus
Object ID 1.3.6.1.4.1.674.10892.1.700.20.1.5
Description Defines the status of the temperature probe in tenths of degrees Celsius.
Syntax DellStatusProbe
Access Read-only

Table 466. Temperature Probe Reading

Name temperatureProbeReading
Object ID 1.3.6.1.4.1.674.10892.1.700.20.1.6
Description Defines the value of the temperature probe.
When the value for temperatureProbeType is other than temperatureProbeTypesDiscrete, the value returned for this attribute is the temperature that the probe is reading in tenths of degrees Centigrade. When the value for temperatureProbeType is temperatureProbeTypesDiscrete, a value is not returned for this attribute.
Syntax DellSigned32BitRange

Access Read-only

Table 467. Temperature Probe Type

Name temperatureProbeType
Object ID 1.3.6.1.4.1.674.10892.1.700.20.1.7
Description Defines the temperature probe type.
Syntax DellTemperatureProbeType ([Temperature Probe Type](#))
Access Read-only

Table 468. Temperature Probe Location Name

Name temperatureProbeLocationName
Object ID 1.3.6.1.4.1.674.10892.1.700.20.1.8
Description Defines the location of the temperature probe in this chassis.
Syntax DellString
Access Read-only

Table 469. Temperature Probe Upper Nonrecoverable Threshold

Name temperatureProbeUpperNonRecoverableThreshold
Object ID 1.3.6.1.4.1.674.10892.1.700.20.1.9
Description Defines the value of the temperature probe's upper nonrecoverable threshold.
Syntax DellSigned32BitRange
Access Read-only

Table 470. Temperature Probe Upper Critical Threshold

Name temperatureProbeUpperCriticalThreshold
Object ID 1.3.6.1.4.1.674.10892.1.700.20.1.10
Description Defines the value of the temperature probe's upper critical threshold.
Syntax DellSigned32BitRange
Access Read-only

Table 471. Temperature Probe Upper Noncritical Threshold

Name temperatureProbeUpperNonCriticalThreshold
Object ID 1.3.6.1.4.1.674.10892.1.700.20.1.11
Description Defines the user-assigned value of the temperature probe's upper noncritical threshold.
Syntax DellSigned32BitRange
Access Read-write

Table 472. Temperature Probe Lower Noncritical Threshold

Name	temperatureProbeLowerNonCriticalThreshold
Object ID	1.3.6.1.4.1.674.10892.1.700.20.1.12
Description	Defines the user-assigned value of the temperature probe's lower noncritical threshold.
Syntax	DellSigned32BitRange
Access	Read-write

Table 473. Temperature Probe Lower Critical Threshold

Name	temperatureProbeLowerCriticalThreshold
Object ID	1.3.6.1.4.1.674.10892.1.700.20.1.13
Description	Defines the value of the temperature probe's lower critical threshold.
Syntax	DellSigned32BitRange
Access	Read-only

Table 474. Temperature Probe Lower Nonrecoverable Threshold

Name	temperatureProbeLowerNonRecoverableThreshold
Object ID	1.3.6.1.4.1.674.10892.1.700.20.1.14
Description	Defines the value of the temperature probe's lower nonrecoverable threshold.
Syntax	DellSigned32BitRange
Access	Read-only

Table 475. Temperature Probe Probe Capabilities

Name	temperatureProbeProbeCapabilities
Object ID	1.3.6.1.4.1.674.10892.1.700.20.1.15
Description	Defines the probe capabilities of the temperature probe.
Syntax	DellProbeCapabilities
Access	Read-only

Table 476. Temperature Probe Discrete Reading

Name	temperatureProbeDiscreteReading
Object ID	1.3.6.1.4.1.674.10892.1.700.20.1.16
Description	Defines the reading for a temperature probe of type temperatureProbeTypesDiscrete. When the value for temperatureProbeType is other than temperatureProbeTypesDiscrete, a value is not returned for this attribute. When the value for temperatureProbeType is temperatureProbeTypesDiscrete, the value returned for this attribute is the discrete reading for the probe.
Syntax	DellTemperatureDiscreteReading (Temperature Probe Discrete Reading)
Access	Read-only

Thermal Group Variable Values

This section includes definitions for server administrator-specific variable values used in this section.

Table 477. Cooling Device Type

Variable Name: DellCoolingDeviceType

Data Type: Integer

Possible Data Values

- coolingDeviceTypeIsOther (1)
- coolingDeviceTypeIsUnknown (2)

- coolingDeviceTypeIsAFan (3)
- coolingDeviceTypeIsABlower (4)
- coolingDeviceTypeIsAChipFan (5)
- coolingDeviceTypeIsACabinetFan (6)
- coolingDeviceTypeIsAPowerSupplyFan (7)
- coolingDeviceTypeIsAHeatPipe (8)
- coolingDeviceTypeIsRefrigeration (9)
- coolingDeviceTypeIsActiveCooling (10)
- coolingDeviceTypeIsPassiveCooling (11)

Meaning of Data Value

- The cooling device type is not one of the following:
- The cooling device type is unknown (not known or not monitored).
- The cooling device type is a fan.
- The cooling device type is a centrifugal blower.
- The cooling device type is a fan on an integrated circuit.
- The cooling device type is a cabinet fan.
- The cooling device type is a power supply fan.
- The cooling device type is a heat pipe.
- The cooling device type is an integrated refrigeration unit.
- The cooling device type is an active cooling device.
- The cooling device type is a passive cooling device.

Table 478. Cooling Device Subtype

Variable Name: DellCoolingDeviceSubType

Data Type: Integer

Possible Data Values

- coolingDeviceSubTypeIsOther (1)
- coolingDeviceSubTypeIsUnknown (2)

- coolingDeviceSubTypeIsAFanThatReadsInRPM (3)
- coolingDeviceSubTypeIsAFanReadsONorOFF (4)
- coolingDeviceSubTypeIsAPowerSupplyFanThatReadsinRPM (5)
- coolingDeviceSubTypeIsAPowerSupplyFanThatReads- ONorOFF (6)
- coolingDeviceSubTypeIsDiscrete (16)

Meaning of Data Value

- The cooling device subtype is not one of the following:
- The cooling device subtype is unknown (not known or not monitored).
- The cooling device subtype is a fan that reads in RPMs.
- The cooling device subtype is a fan that reads 0 (off) or 1 (on).
- The cooling device subtype is a power supply fan that reads in RPMs.
- The cooling device subtype is a power supply fan that reads 0 (off) or 1 (on).
- The cooling device subtype is a cooling device with discrete reading.

Table 479. Cooling Device Discrete Reading

Variable Name: DellCoolingDeviceDiscreteReading .

Data Type: Integer

Possible Data Values

coolingDeviceIsGood (1)

coolingDeviceIsBad (2)

Meaning of Data Value

The cooling device discrete reading is good.

The cooling device discrete reading is bad

Table 480. Temperature Probe Type

Variable Name: DellTemperatureProbeType

Data Type: Integer

Possible Data Values

temperatureProbeTypeIsOther (1)

temperatureProbeTypeIsUnknown (2)

temperatureProbeTypeIsAmbientESM (3)

temperatureProbeTypeIsDiscrete (16)

Meaning of Data Value

The temperature probe subtype is not one of the following:

The temperature probe subtype is unknown (not known or not monitored).

The temperature probe is for ambient Embedded Systems Management (ESM).

The temperature probe subtype is a temperature probe with discrete reading.

Table 481. Temperature Probe Discrete Reading

Variable Name: DellTemperatureDiscreteReading

Data Type: Integer

Possible Data Values

temperatureIsGood (1)

temperatureIsBad (2)

Meaning of Data Value

The temperature probe discrete reading is good.

The temperature probe discrete reading is bad.

User Security Group

The User Security Table defines the objects that allow administrators to create and modify user accounts and to control which users can perform Set operations on managed systems.

User Security Group Table

The User Security Group defines objects in the User Security MIB table.

The following object sets up the User Security Table:

Table 482. User Security Table

Name	<code>userSecurityTable</code>
Object ID	<code>1.3.6.1.4.1.674.10892.1.800</code>
Description	Contains the database of users that are authorized to perform Set operations on a managed system.
Syntax	<code>UserSecurityTableEntry</code>
Access	Not accessible

Table 483. User Security Table Entry

Name	<code>userSecurityTableEntry</code>
Object ID	<code>1.3.6.1.4.1.674.10892.1.800.1</code>
Description	Defines a row in the User Security Table.
Syntax	<code>UserSecurityTableEntry</code>
Access	Not accessible
Index	<code>userSecuritychassisIndex</code> , <code>userSecurityIndex</code>

Table 484. User Security Chassis Index

Name	<code>userSecuritychassisIndex</code>
Object ID	<code>1.3.6.1.4.1.674.10892.1.800.1.1</code>
Description	Defines the user security index (one-based) of this chassis.
Syntax	<code>DellObjectRange</code>
Access	Read-only

Table 485. User Security Index

Name	userSecurityIndex
Object ID	1.3.6.1.4.1.674.10892.1.800.1.2
Description	Defines the user security index.
Syntax	DellObjectRange
Access	Read-only

Table 486. User Security User Name

Name	userSecurityUserName
Object ID	1.3.6.1.4.1.674.10892.1.800.1.3
Description	Defines the user security user name.
Syntax	DellSecurityString
Access	Read-only

Table 487. User Security Control Name

Name	userSecurityControlName
Object ID	1.3.6.1.4.1.674.10892.1.800.1.4
Description	Defines a control name used for creating, deleting, and editing users.
Syntax	DellSecurityString
Access	Read-write

Table 488. User Security Request Name

Name	userSecurityRequestName
Object ID	1.3.6.1.4.1.674.10892.1.800.1.5
Description	Defines a request name used for creating, deleting, and editing users.
Syntax	DellSecurityString
Access	Read-write

Remote Flash BIOS Group

The Remote Flash Basic Input/Output System (BIOS) Table defines the variables used to remotely update the BIOS in a system. The variables also define the capabilities of BIOS updates on the system.

Remote Flash BIOS Group Table

The Remote Flash BIOS Group defines objects in the Remote Flash BIOS MIB table.

Remote Flash BIOS Table

The following object sets up the Remote Flash BIOS Table:

Table 489. Remote Flash BIOS Table

Name	<code>remoteFlashBIOSTable</code>
Object ID	1.3.6.1.4.1.674.10892.1.900.10
Description	Defines the Remote Flash BIOS Table.
Syntax	<code>RemoteFlashBIOSTableEntry</code>
Access	Not accessible

Table 490. Remote Flash BIOS Table Entry

Name	<code>remoteFlashBIOSTableEntry</code>
Object ID	1.3.6.1.4.1.674.10892.1.900.10.1
Description	Defines the Remote Flash BIOS Table entry.
Syntax	<code>RemoteFlashBIOSTableEntry</code>
Access	Not accessible
Index	<code>remoteFlashBIOSchassisIndex</code> , <code>remoteFlashBIOSIndex</code>

Table 491. Remote Flash BIOS Chassis Index

Name	<code>remoteFlashBIOSchassisIndex</code>
Object ID	1.3.6.1.4.1.674.10892.1.900.10.1.1
Description	Defines the index (one-based) of this chassis.
Syntax	<code>DellObjectRange</code>
Access	Read-only

Table 492. Remote Flash BIOS Index

Name	remoteFlashBIOSIndex
Object ID	1.3.6.1.4.1.674.10892.1.900.10.1.2
Description	Defines the index to the remote BIOS update hardware on this system.
Syntax	DellObjectRange
Access	Read-only

Table 493. Remote Flash BIOS State Capabilities Unique

Name	remoteFlashBIOSStateCapabilitiesUnique
Object ID	1.3.6.1.4.1.674.10892.1.900.10.1.3
Description	Defines the capabilities of the remote BIOS update hardware on this system.
Syntax	DellRemoteFlashBIOSStateCapabilitiesUnique (Remote Flash BIOS State Capabilities Unique)
Access	Read-only

Table 494. Remote Flash BIOS State Settings Unique

Name	remoteFlashBIOSStateSettingsUnique
Object ID	1.3.6.1.4.1.674.10892.1.900.10.1.4
Description	Defines the state and settings of the remote BIOS update hardware on this system.
Syntax	DellRemoteFlashBIOSStateSettingsUnique (Remote Flash BIOS State Settings)
Access	Read-write

Table 495. Remote Flash BIOS Status

Name	remoteFlashBIOSStatus
Object ID	1.3.6.1.4.1.674.10892.1.900.10.1.5
Description	Defines the status of the remote BIOS update hardware on this system.
Syntax	DellRemoteFlashBIOSStateStatus
Access	Read-only

Table 496. Remote Flash BIOS Last BIOS Date Name

Name	remoteFlashBIOSLastBIOSDateName
Object ID	1.3.6.1.4.1.674.10892.1.900.10.1.6
Description	Defines the date of the last BIOS update.
Syntax	DellDateName
Access	Read-only

Table 497. Remote Flash BIOS Completion Code

Name	remoteFlashBIOSCompletionCode
Object ID	1.3.6.1.4.1.674.10892.1.900.10.1.7
Description	Defines the completion code of the last BIOS update.
Syntax	DellRemoteFlashBIOSCompletionCode (Remote Flash BIOS Completion Code)
Access	Read-only

Table 498. Remote Flash BIOS Minimum Contiguous Memory

Name	remoteFlashBIOSMinimumContiguousMemory
Object ID	1.3.6.1.4.1.674.10892.1.900.10.1.8
Description	Defines the minimum size of contiguous memory required for remote BIOS update in kilobytes.
Syntax	DellUnsigned32BitRange
Access	Read-only

Remote Flash BIOS Variable Values

This section includes definitions for server administrator-specific variable values used in this section.

Table 499. Remote Flash BIOS State Capabilities Unique

Variable Name: DellRemoteFlashBIOSStateCapabilitiesUnique

Data Type: Integer

Possible Data Values

unknown (1)

enableCapable (2)

notReadyCapable (4)

cancelCapable (8)

enableAndCancelCapable (10)

Meaning of Data Value

The remote flash BIOS's capabilities are unknown.

The remote flash BIOS can be disabled (offline, a binary 0 value) or enabled (online, a binary 1 value).

The remote flash BIOS can be set to indicate not ready.

Flash of BIOS can be canceled.

Flash of BIOS can be enabled or canceled.

Table 500. Remote Flash BIOS State Settings

Variable Name: DellRemoteFlashBIOSStateSettingsUnique

Data Type: Integer

Possible Data Values

unknown (1)

enabled (2)

notReady (4)

Meaning of Data Value

The remote flash BIOS's capabilities are unknown.

The remote flash BIOS update is disabled (offline, a binary 0 value) or enabled (online, a binary 1 value).

The remote flash BIOS's state is not ready.

canceled (8)	The remote flash BIOS has been canceled.
pending (16)	The remote flash BIOS update is pending.
other (32)	The remote flash BIOS state/setting is not one of the previous values.

Table 501. Remote Flash BIOS Completion Code

Variable Name: DellRemoteFlashBIOSCompletionCode

Data Type: Integer

Possible Data Values

Meaning of Data Value

completionCodeIsOther (1)	The completion code status is not one of the following:
completionCodeIsUnknown (2)	The completion code is unknown (not known or not monitored).
completionCodeIsOK (3)	This completion code completed successfully.
completionCodeIsBadImage (4)	This completion code is a bad flash BIOS image.
completionCodeIsNoFileAccess (5)	Flash BIOS could not be accessed.
completionCodeIsNotReady (6)	Flash BIOS memory not ready.
completionCodeIsDisabled (7)	Flash BIOS is currently disabled.
completionCodeIsNoBattery (8)	A battery must be installed.
completionCodeIsNoChargedBattery (9)	A fully charged battery must be installed.
completionCodeIsNoExternalPower (10)	An external power adapter must be connected.
completionCodeIsNo12VoltSet (11)	12 volts (V) could not be set.
completionCodeIsNo12VoltRemoval (12)	12 V could not be removed.
completionCodeIsFlashMemoryFailed (13)	A flash memory failure occurred.
completionCodeIsGeneralFailure (14)	A general failure occurred.
completionCodeIsDataMiscompare (15)	A data miscompare error occurred.
completionCodeIsNoImageFound (16)	The flash BIOS image could not be found in memory.
completionCodeIsNoUpdatePerformed (17)	No update operation has been performed.

Port Group

The Port Group provides information about the different types of ports that may be present in your system. This management information base (MIB) group also provides information about the capabilities, states, and settings that are possible for each port.

Port Group Tables

The following MIB tables define objects in the Port Group:

- [Pointing Port Table](#)
- [Keyboard Port Table](#)
- [Processor Port Table](#)
- [Memory Device Port Table](#)
- [Monitor Port Table](#)
- [Small Computer System Interface \(SCSI\) Port Table](#)
- [Parallel Port Table](#)
- [Serial Port Table](#)
- [Universal Serial Bus \(USB\) Port Table](#)

Pointing Port Table

Table 502. Pointing Port Table

Name	<code>pointingPortTable</code>
Object ID	1.3.6.1.4.1.674.10892.1.1000.10
Description	Defines the Pointing Port Table.
Syntax	IntegerPointingPortTableEntry
Access	Not accessible

Table 503. Pointing Port Table Entry

Name	<code>pointingPortTableEntry</code>
Object ID	1.3.6.1.4.1.674.10892.1.1000.10.1
Description	Defines the Pointing Port Table entry.
Syntax	PointingPortTableEntry
Access	Not accessible
Index	<code>pointingPortchassisIndex</code>

pointingPortIndex

Table 504. Pointing Port Chassis Index

Name	pointingPortChassisIndex
Object ID	1.3.6.1.4.1.674.10892.1.1000.10.1.1
Description	Defines the index (one-based) of this chassis.
Syntax	DellObjectRange
Access	Read-only

Table 505. Pointing Port Index

Name	pointingPortIndex
Object ID	1.3.6.1.4.1.674.10892.1.1000.10.1.2
Description	Defines the index of the pointing ports in this chassis.
Syntax	DellObjectRange
Access	Read-only

Table 506. Pointing Port State Capabilities

Name	pointingPortStateCapabilities
Object ID	1.3.6.1.4.1.674.10892.1.1000.10.3
Description	Defines the capabilities of the pointing port.
Syntax	DellStateCapabilities
Access	Read-only

Table 507. Pointing Port State Settings

Name	pointingPortStateSettings
Object ID	1.3.6.1.4.1.674.10892.1.1000.10.4
Description	Defines the state and settings of the pointing port.
Syntax	DellStateSettings
Access	Read-write

Table 508. Pointing Port Status

Name	pointingPortStatus
Object ID	1.3.6.1.4.1.674.10892.1.1000.10.5
Description	Defines the status of the pointing port.
Syntax	DellStatus

Access Read-only

Table 509. Pointing Port Security State

Name pointingPortSecurityState
Object ID 1.3.6.1.4.1.674.10892.1.1000.10.6
Description Defines the security settings of the pointing port.
Syntax DellPortSecurityState
Access Read-only

Table 510. Pointing Port Connector Type

Name pointingPortConnectorType
Object ID 1.3.6.1.4.1.674.10892.1.1000.10.7
Description Defines the connector type of the pointing port.
Syntax DellPointingPortConnectorType (See [Pointing Port Connector Type](#))
Access Read-only

Table 511. Pointing Port Name

Name pointingPortName
Object ID 1.3.6.1.4.1.674.10892.1.1000.10.8
Description Defines the name of the pointing port.
Syntax DellString
Access Read-only

Table 512. Pointing Port BIOS Connector Type

Name pointingPortBIOSConnectorType
Object ID 1.3.6.1.4.1.674.10892.1.1000.10.9
Description Defines the basic input/output system (BIOS) connector type of the pointing port.
Syntax DellGenericPortConnectorType
Access Read-only

Keyboard Port Table

Table 513. Keyboard Port Table

Name keyboardPortTable
Object ID 1.3.6.1.4.1.674.10892.1.1000.20
Description Defines the Keyboard Port Table.

Syntax	IntegerKeyboardPortTableEntry
Access	Not accessible

Table 514. Keyboard Port Table Entry

Name	keyboardPortTableEntry
Object ID	1.3.6.1.4.1.674.10892.1.1000.20.1
Description	Defines the Keyboard Port Table entry.
Syntax	KeyboardPortTableEntry
Access	Not accessible
Index	keyboardPortchassisIndex , keyboardPortIndex

Table 515. Keyboard Port Chassis Index

Name	keyboardPortchassisIndex
Object ID	1.3.6.1.4.1.674.10892.1.1000.20.1.1
Description	Defines the index (one-based) of this chassis.
Syntax	DellObjectRange
Access	Read-only

Table 516. Keyboard Port Index

Name	keyboardPortIndex
Object ID	1.3.6.1.4.1.674.10892.1.1000.20.1.2
Description	Defines the index of the keyboard ports in this chassis.
Syntax	DellObjectRange
Access	Read-only

Table 517. Keyboard Port State Capabilities

Name	keyboardPortStateCapabilities
Object ID	1.3.6.1.4.1.674.10892.1.1000.20.1.3
Description	Defines the capabilities of the keyboard port.
Syntax	DellStateCapabilities
Access	Read-only

Table 518. Keyboard Port State Settings

Name	keyboardPortStateSettings
Object ID	1.3.6.1.4.1.674.10892.1.1000.20.1.4
Description	Defines the state and settings of the keyboard port.
Syntax	DellStateSettings
Access	Read-only

Table 519. Keyboard Port Status

Name	keyboardPortStatus
Object ID	1.3.6.1.4.1.674.10892.1.1000.20.1.5
Description	Defines the status of the keyboard port.
Syntax	DellStatus
Access	Read-only

Table 520. Keyboard Port Security State

Name	keyboardPortSecurityState
Object ID	1.3.6.1.4.1.674.10892.1.1000.20.1.6
Description	Defines the security settings of the keyboard port.
Syntax	DellPortSecurityState
Access	Read-only

Table 521. Keyboard Port Connector Type

Name	keyboardPortConnectorType
Object ID	1.3.6.1.4.1.674.10892.1.1000.20.1.7
Description	Defines the connector type of the keyboard port.
Syntax	DellKeyboardPortConnectorType (See Keyboard Port Connector Types)
Access	Read-only

Table 522. Keyboard Port Name

Name	keyboardPortName
Object ID	1.3.6.1.4.1.674.10892.1.1000.20.1.8
Description	Defines the name of the keyboard port.
Syntax	DellString
Access	Read-only

Table 523. Keyboard Port BIOS Connector Type

Name	<code>keyboardPortBIOSConnectorType</code>
Object ID	1.3.6.1.4.1.674.10892.1.1000.20.1.9
Description	Defines the BIOS connector type of the keyboard port.
Syntax	<code>DellGenericPortConnectorType</code>
Access	Read-only

Processor Port Table

Table 524. Processor Port Table

Name	<code>processorPortTable</code>
Object ID	1.3.6.1.4.1.674.10892.1.1000.30
Description	Defines the Processor Port Table.
Syntax	<code>IntegerProcessorPortTableEntry</code>
Access	Not accessible

Table 525. Processor Port Table Entry

Name	<code>processorPortTableEntry</code>
Object ID	1.3.6.1.4.1.674.10892.1.1000.30.1
Description	Defines the Processor Port Table entry.
Syntax	<code>ProcessorPortTableEntry</code>
Access	Not accessible
Index	<code>processorPortchassisIndex</code> , <code>processorPortIndex</code>

Table 526. Processor Port Chassis Index

Name	<code>processorPortchassisIndex</code>
Object ID	1.3.6.1.4.1.674.10892.1.1000.30.1.1
Description	Defines the index (one-based) of this chassis.
Syntax	<code>DellObjectRange</code>
Access	Read-only

Table 527. Processor Port Index

Name	<code>processorPortIndex</code>
Object ID	1.3.6.1.4.1.674.10892.1.1000.30.1.2

Description	Defines the index of the processor ports in this chassis.
Syntax	DellObjectRange
Access	Read-only

Table 528. Processor Port State Capabilities

Name	processorPortStateCapabilities
Object ID	1.3.6.1.4.1.674.10892.1.1000.30.1.3
Description	Defines the capabilities of the processor port.
Syntax	DellStateCapabilities
Access	Read-only

Table 529. Processor Port State Settings

Name	processorPortStateSettings
Object ID	1.3.6.1.4.1.674.10892.1.1000.30.1.4
Description	Defines the state and settings of the processor port.
Syntax	DellStateSettings
Access	Read-write

Table 530. Processor Port Status

Name	processorPortStatus
Object ID	1.3.6.1.4.1.674.10892.1.1000.30.1.5
Description	Defines the status of the processor port.
Syntax	DellStatus
Access	Read-only

Table 531. Processor Port Security State

Name	processorPortSecurityState
Object ID	1.3.6.1.4.1.674.10892.1.1000.30.1.6
Description	Defines the security settings of the processor port.
Syntax	DellPortSecurityState
Access	Read-only

Table 532. Processor Port Connector Type

Name	processorPortConnectorType
Object ID	1.3.6.1.4.1.674.10892.1.1000.30.1.7
Description	Defines the connector type of the processor port.

Syntax	DellProcessorPortConnectorType (See Processor Port Connector Types)
Access	Read-only

Table 533. Processor Port Name

Name	processorPortName
Object ID	1.3.6.1.4.1.674.10892.1.1000.30.1.8
Description	Defines name of the processor port.
Syntax	DellString
Access	Read-only

Table 534. Processor Port BIOS Connector Type

Name	processorPortBIOSConnectorType
Object ID	1.3.6.1.4.1.674.10892.1.1000.30.1.9
Description	Defines the BIOS connector type of the processor port.
Syntax	DellGenericPortConnectorType
Access	Read-only

Memory Device Port Table

Table 535. Memory Device Port Table

Name	memoryDevicePortTable
Object ID	1.3.6.1.4.1.674.10892.1.1000.40
Description	Defines the Memory Device Port Table.
Syntax	IntegerMemoryDevicePortTableEntry
Access	Not accessible

Table 536. Memory Device Port Table Entry

Name	memoryDevicePortTableEntry
Object ID	1.3.6.1.4.1.674.10892.1.1000.40.1
Description	Defines the Memory Device Port Table entry.
Syntax	MemoryDevicePortTableEntry
Access	Not accessible
Index	memoryDevicePortchassisIndex , memoryDevicePortIndex

Table 537. Memory Device Port Chassis Index

Name	memoryDevicePortchassisIndex
Object ID	1.3.6.1.4.1.674.10892.1.1000.40.1.1
Description	Defines the index (one-based) of this chassis.
Syntax	DellObjectRange
Access	Read-only

Table 538. Memory Device Port Index

Name	memoryDevicePortIndex
Object ID	1.3.6.1.4.1.674.10892.1.1000.40.1.2
Description	Defines the index of the memory device port in this chassis.
Syntax	DellObjectRange
Access	Read-only

Table 539. Memory Device Port State Capabilities

Name	memoryDevicePortStateCapabilities
Object ID	1.3.6.1.4.1.674.10892.1.1000.40.1.3
Description	Defines the capabilities of the memory device port.
Syntax	DellStateCapabilities
Access	Read-only

Table 540. Memory Device Port State Settings

Name	memoryDevicePortStateSettings
Object ID	1.3.6.1.4.1.674.10892.1.1000.40.1.4
Description	Defines the state and settings of the memory device port.
Syntax	DellStateSettings
Access	Read-write

Table 541. Memory Device Port Status

Name	memoryDevicePortStatus
Object ID	1.3.6.1.4.1.674.10892.1.1000.40.1.5
Description	Defines the status of the memory device port.
Syntax	DellStatus
Access	Read-only

Table 542. Memory Device Port Security State

Name	memoryDevicePortSecurityState
Object ID	1.3.6.1.4.1.674.10892.1.1000.40.1.6
Description	Defines the security settings of the memory device port.
Syntax	DellPortSecurityState
Access	Read-only

Table 543. Memory Device Port Connector Type

Name	memoryDevicePortConnectorType
Object ID	1.3.6.1.4.1.674.10892.1.1000.40.1.7
Description	Defines the connector type of the memory device port.
Syntax	DellMemoryDevicePortConnectorType (See Memory Device Port Connector Types)
Access	Read-only

Table 544. Memory Device Port Name

Name	memoryDevicePortName
Object ID	1.3.6.1.4.1.674.10892.1.1000.40.1.8
Description	Defines the name of the memory device port.
Syntax	DellString
Access	Read-only

Table 545. Memory Device Port BIOS Connector Type

Name	memoryDevicePortBIOSConnectorType
Object ID	1.3.6.1.4.1.674.10892.1.1000.40.1.9
Description	Defines the BIOS connector type of the memory device port.
Syntax	DellGenericPortConnectorType
Access	Read-only

Table 546. Memory Device Port Physical Memory Array Index Reference

Name	memoryDevicePortPhysicalMemoryArrayIndexReference
Object ID	1.3.6.1.4.1.674.10892.1.1000.40.1.10
Description	Defines the index to the associated physical memory array.
Syntax	DellUnsigned32BitRange
Access	Read-only

Table 547. Memory Device Port Physical Memory Card Index Reference

Name	<code>memoryDevicePortPhysicalMemoryCardIndexReference</code>
Object ID	<code>1.3.6.1.4.1.674.10892.1.1000.40.1.11</code>
Description	Defines the index (one-based) of the Physical Memory Card Table entry for the physical memory card with the same chassis index that this memory device port is associated with (if any).
Syntax	<code>DellUnsigned32BitRange</code>
Access	Read-only

Monitor Port Table

Table 548. Monitor Port Table

Name	<code>monitorPortTable</code>
Object ID	<code>1.3.6.1.4.1.674.10892.1.1000.50</code>
Description	Defines the Monitor Port Table.
Syntax	<code>IntegerMonitorPortTableEntry</code>
Access	Not accessible

Table 549. Monitor Port Table Entry

Name	<code>monitorPortTableEntry</code>
Object ID	<code>1.3.6.1.4.1.674.10892.1.1000.50.1</code>
Description	Defines the Monitor Port Table entry.
Syntax	<code>MonitorPortTableEntry</code>
Access	Not accessible
Index	<code>monitorPortchassisIndex</code> , <code>monitorPortIndex</code>

Table 550. Monitor Port Chassis Index

Name	<code>monitorPortchassisIndex</code>
Object ID	<code>1.3.6.1.4.1.674.10892.1.1000.50.1.1</code>
Description	Defines the index (one-based) of this chassis
Syntax	<code>DellObjectRange</code>
Access	Read-only

Table 551. Monitor Port Index

Name	monitorPortIndex
Object ID	1.3.6.1.4.1.674.10892.1.1000.50.1.2
Description	Defines the index of the monitor ports in this chassis.
Syntax	DellObjectRange
Access	Read-only

Table 552. Monitor Port State Capabilities

Name	monitorPortStateCapabilities
Object ID	1.3.6.1.4.1.674.10892.1.1000.50.1.3
Description	Defines the capabilities of the monitor port.
Syntax	DellStateCapabilities
Access	Read-only

Table 553. Monitor Port State Settings

Name	monitorPortStateSettings
Object ID	1.3.6.1.4.1.674.10892.1.1000.50.1.4
Description	Defines the state of the monitor port.
Syntax	DellStateSettings
Access	Read-write

Table 554. Monitor Port Status

Name	monitorPortStatus
Object ID	1.3.6.1.4.1.674.10892.1.1000.50.1.5
Description	Defines the status of the monitor port.
Syntax	DellStatus
Access	Read-only

Table 555. Monitor Port Security State

Name	monitorPortSecurityState
Object ID	1.3.6.1.4.1.674.10892.1.1000.50.1.6
Description	Defines the security settings of the monitor port.
Syntax	DellPortSecurityState
Access	Read-only

Table 556. Monitor Port Connector Type

Name	monitorPortConnectorType
Object ID	1.3.6.1.4.1.674.10892.1.1000.50.1.7
Description	Defines the connector type of the monitor port.
Syntax	DellMonitorPortConnectorTypes (See Monitor Port Connector Types)
Access	Read-only

Table 557. Monitor Port Name

Name	monitorPortName
Object ID	1.3.6.1.4.1.674.10892.1.1000.50.1.8
Description	Defines the name of the monitor port.
Syntax	DellString
Access	Read-only

Table 558. Monitor Port BIOS Connector Type

Name	monitorPortBIOSConnectorType
Object ID	1.3.6.1.4.1.674.10892.1.1000.50.1.9
Description	Defines the name of the BIOS connector type of the monitor port.
Syntax	DellGenericPortConnectorType
Access	Read-only

Small Computer System Interface (SCSI) Port Table

Table 559. Small Computer System Interface (SCSI) Port Table

Name	sCSIPortTable
Object ID	1.3.6.1.4.1.674.10892.1.1000.60
Description	Defines the SCSI Port Table.
Syntax	IntegerSCSIPortTableEntry
Access	Not accessible

Table 560. SCSI Port Table Entry

Name	sCSIPortTableEntry
Object ID	1.3.6.1.4.1.674.10892.1.1000.60.1
Description	Defines the SCSI Port Table entry.
Syntax	SCSIPortTableEntry
Access	Not accessible

Index sCSIPortchassisIndex
,
sCSIPortIndex

Table 561. SCSI Port Chassis Index

Name sCSIPortchassisIndex
Object ID 1.3.6.1.4.1.674.10892.1.1000.60.1.1
Description Defines the index (one-based) of this chassis
Syntax DellObjectRange
Access Read-only

Table 562. SCSI Port Index

Name sCSIPortIndex
Object ID 1.3.6.1.4.1.674.10892.1.1000.60.1.2
Description Defines the index of the SCSI ports in this chassis.
Syntax DellObjectRange
Access Read-only

Table 563. SCSI Port State Capabilities

Name sCSIPortStateCapabilities
Object ID 1.3.6.1.4.1.674.10892.1.1000.60.1.3
Description Defines the capabilities of the SCSI port.
Syntax DellStateCapabilities
Access Read-only

Table 564. SCSI Port State Settings

Name DellStateSettings
Object ID 1.3.6.1.4.1.674.10892.1.1000.60.1.4
Description Defines the state and settings of the SCSI port.
Syntax DellStatus
Access Read-write

Table 565. SCSI Port Status

Name sCSIPortStatus
Object ID 1.3.6.1.4.1.674.10892.1.1000.60.1.5
Description Defines the status of the SCSI port.

Syntax	DellStatus
Access	Read-only

Table 566. SCSI Port Security State

Name	sCSIPortSecurityState
Object ID	1.3.6.1.4.1.674.10892.1.1000.60.1.6
Description	Defines the security settings of the SCSI port.
Syntax	DellPortSecurityState
Access	Read-only

Table 567. SCSI Port Connector Type

Name	sCSIPortConnectorType
Object ID	1.3.6.1.4.1.674.10892.1.1000.60.1.7
Description	Defines the connector type of the SCSI port.
Syntax	DellSCSIPortConnectorType (See SCSI Port Connector Types)
Access	Read-only

Table 568. SCSI Port Name

Name	sCSIPortName
Object ID	1.3.6.1.4.1.674.10892.1.1000.60.1.8
Description	Defines the name of the SCSI port.
Syntax	DellString
Access	Read-only

Table 569. SCSI Port BIOS Connector Type

Name	sCSIPortBIOSConnectorType
Object ID	1.3.6.1.4.1.674.10892.1.1000.60.1.9
Description	Defines the BIOS connector type of the SCSI port.
Syntax	DellGenericPortConnectorType
Access	Read-only

Parallel Port Table

Table 570. Parallel Port Table

Name	parallelPortTable
Object ID	1.3.6.1.4.1.674.10892.1.1000.70

Description	Defines the Parallel Port Table.
Syntax	IntegerParallelPortTableEntry
Access	Not accessible

Table 571. Parallel Port Table Entry

Name	parallelPortTableEntry
Object ID	1.3.6.1.4.1.674.10892.1.1000.70.1
Description	Defines the Parallel Port Table entry.
Syntax	ParallelPortTableEntry
Access	Not accessible
Index	parallelPortchassisIndex , parallelPortIndex

Table 572. Parallel Port Chassis Index

Name	parallelPortchassisIndex
Object ID	1.3.6.1.4.1.674.10892.1.1000.70.1.1
Description	Defines the index (one-based) of this chassis.
Syntax	DellObjectRange
Access	Read-only

Table 573. Parallel Port Index

Name	parallelPortIndex
Object ID	1.3.6.1.4.1.674.10892.1.1000.70.1.2
Description	Defines the index of the parallel ports in this chassis.
Syntax	DellObjectRange
Access	Read-only

Table 574. Parallel Port State Capabilities

Name	parallelPortStateCapabilities
Object ID	1.3.6.1.4.1.674.10892.1.1000.70.1.3
Description	Defines the capabilities of the parallel port.
Syntax	DellStateSettings
Access	Read-write

Table 575. Parallel Port State Settings

Name	<code>parallelPortStateSettings</code>
Object ID	1.3.6.1.4.1.674.10892.1.1000.70.1.4
Description	Defines the state and settings of the parallel port.
Syntax	<code>DellStateSettings</code>
Access	Read-write

Table 576. Parallel Port Status

Name	<code>parallelPortStatus</code>
Object ID	1.3.6.1.4.1.674.10892.1.1000.70.1.5
Description	Defines the status of the parallel port.
Syntax	<code>DellStatus</code>
Access	Read-only

Table 577. Parallel Port Security State

Name	<code>DellPortSecurityState</code>
Object ID	1.3.6.1.4.1.674.10892.1.1000.70.1.6
Description	Defines the security state of the parallel port.
Syntax	<code>DellStatus</code>
Access	Read-only

Table 578. Parallel Port Connector Type

Name	<code>parallelPortConnectorType</code>
Object ID	1.3.6.1.4.1.674.10892.1.1000.70.1.7
Description	Defines the connector type of the parallel port.
Syntax	<code>DellParallelPortConnectorType</code>
Access	Read-only

Table 579. Parallel Port Name

Name	<code>parallelPortName</code>
Object ID	1.3.6.1.4.1.674.10892.1.1000.70.1.8
Description	Defines the name of the parallel port.
Syntax	<code>DellString</code>
Access	Read-only

Table 580. Parallel Port Connector Pin Out

Name	<code>parallelPortConnectorPinOut</code>
Object ID	1.3.6.1.4.1.674.10892.1.1000.70.1.9
Description	Defines the pinout of the parallel port.
Syntax	<code>DellParallelPortConnectorPinout</code>
Access	Read-only

Table 581. Parallel Port Capabilities Unique

Name	<code>parallelPortCapabilitiesUnique</code>
Object ID	1.3.6.1.4.1.674.10892.1.1000.70.1.10
Description	Defines the capabilities of the parallel port.
Syntax	<code>DellParallelPortConnectorPinout</code>
Access	Read-only

Table 582. Parallel Port Base I/O Address

Name	<code>parallelPortBaseIOAddress</code>
Object ID	1.3.6.1.4.1.674.10892.1.1000.70.1.11
Description	Defines the Base Input/Output (I/O) address of the parallel port.
Syntax	<code>DellUnsigned64BitRange</code>
Access	Read-only

Table 583. Parallel Port IRQ Level

Name	<code>parallelPortIRQLevel</code>
Object ID	1.3.6.1.4.1.674.10892.1.1000.70.1.12
Description	Defines the Interrupt Request Level (IRQ) of the parallel port.
Syntax	<code>DellUnsigned8BitRange</code>
Access	Read-only

Table 584. Parallel Port DMA Support

Name	<code>parallelPortDMASupport</code>
Object ID	1.3.6.1.4.1.674.10892.1.1000.70.1.13
Description	Defines if direct memory access (DMA) is supported by the parallel port.
Syntax	<code>DellBoolean</code>
Access	Read-only

Serial Port Table

Table 585. Serial Port

Name	<code>serialPortTable</code>
Object ID	<code>1.3.6.1.4.1.674.10892.1.1000.80</code>
Description	Defines the Serial Port Table.
Syntax	<code>IntegerSerialPortTableEntry</code>
Access	Not accessible

Table 586. Serial Port Table Entry

Name	<code>serialPortTableEntry</code>
Object ID	<code>1.3.6.1.4.1.674.10892.1.1000.80.1</code>
Description	Defines the Serial Port Table entry.
Syntax	<code>SerialPortTableEntry</code>
Access	Not accessible
Index	<code>serialPortchassisIndex</code> , <code>serialPortIndex</code>

Table 587. Serial Port Chassis Index

Name	<code>serialPortchassisIndex</code>
Object ID	<code>1.3.6.1.4.1.674.10892.1.1000.80.1.1</code>
Description	Defines the index (one-based) of this chassis.
Syntax	<code>DellObjectRange</code>
Access	Read-only

Table 588. Serial Port Index

Name	<code>serialPortIndex</code>
Object ID	<code>1.3.6.1.4.1.674.10892.1.1000.80.1.2</code>
Description	Defines the index of the serial ports in this chassis.
Syntax	<code>DellObjectRange</code>
Access	Read-only

Table 589. Serial Port State Capabilities

Name	<code>serialPortStateCapabilities</code>
Object ID	1.3.6.1.4.1.674.10892.1.1000.80.1.3
Description	Defines the capabilities of the serial port.
Syntax	<code>DellStateCapabilities</code>
Access	Read-only

Table 590. Serial Port State Settings

Name	<code>serialPortStateSettings</code>
Object ID	1.3.6.1.4.1.674.10892.1.1000.80.1.4
Description	Defines the state and settings of the serial port.
Syntax	<code>DellStateSettings</code>
Access	Read-write

Table 591. Serial Port Status

Name	<code>serialPortStatus</code>
Object ID	1.3.6.1.4.1.674.10892.1.1000.80.1.5
Description	Defines the status of the serial port.
Syntax	<code>DellStatus</code>
Access	Read-only

Table 592. Serial Port Security State

Name	<code>serialPortSecurityState</code>
Object ID	1.3.6.1.4.1.674.10892.1.1000.80.1.6
Description	Defines the security settings of the serial port.
Syntax	<code>DellPortSecurityState</code>
Access	Read-only

Table 593. Serial Port Connector Type

Name	<code>serialPortConnectorType</code>
Object ID	1.3.6.1.4.1.674.10892.1.1000.80.1.7
Description	Defines connector type of the serial port.
Syntax	<code>DellSerialPortConnectorType</code>
Access	Read-only

Table 594. Serial Port Name

Name	<code>serialPortName</code>
Object ID	1.3.6.1.4.1.674.10892.1.1000.80.1.8
Description	Defines the name of the serial port.
Syntax	DellString
Access	Read-only

Table 595. Serial Port Maximum Speed

Name	<code>serialPortMaximumSpeed</code>
Object ID	1.3.6.1.4.1.674.10892.1.1000.80.1.9
Description	Defines the maximum speed the serial interface can support in bits per second (bps).
Syntax	DellUnsigned32BitRange
Access	Read-only

Table 596. Serial Port Capabilities Unique

Name	<code>serialPortCapabilitiesUnique</code>
Object ID	1.3.6.1.4.1.674.10892.1.1000.80.1.10
Description	Defines additional capabilities of the serial port.
Syntax	DellSerialPortCapabilitiesUnique
Access	Read-only

Table 597. Serial Port Base I/O Address

Name	<code>serialPortBaseIOAddress</code>
Object ID	1.3.6.1.4.1.674.10892.1.1000.80.1.11
Description	Defines the base I/O address of the serial port.
Syntax	DellUnsigned64BitRange
Access	Read-only

Table 598. Serial Port IRQ Level

Name	<code>serialPortIRQLevel</code>
Object ID	1.3.6.1.4.1.674.10892.1.1000.80.1.12
Description	Defines the IRQ of the serial port.
Syntax	DellUnsigned8BitRange
Access	Read-only

Universal Serial Bus (USB) Port Table

Table 599. Universal Serial Bus (USB) Port

Name	uSBPortTable
Object ID	1.3.6.1.4.1.674.10892.1.1000.90
Description	Defines the USB Port Table.
Syntax	IntegerUSBPortTableEntry
Access	Not accessible

Table 600. USB Port Table Entry

Name	uSBPortTableEntry
Object ID	1.3.6.1.4.1.674.10892.1.1000.90.1
Description	Defines the USB Port Table entry.
Syntax	USBPortTableEntry
Access	Not accessible
Index	uSBPortchassisIndex , uSBPortIndex

Table 601. USB Port Chassis Index

Name	uSBPortchassisIndex
Object ID	1.3.6.1.4.1.674.10892.1.1000.90.1.1
Description	Defines the index (one-based) of this chassis.
Syntax	DellObjectRange
Access	Read-only

Table 602. USB Port Index

Name	uSBPortIndex
Object ID	1.3.6.1.4.1.674.10892.1.1000.90.1.2
Description	Defines the index of the USB ports in this chassis
Syntax	DellObjectRange
Access	Read-only

Table 603. USB Port State Capabilities

Name	uSBPortStateCapabilities
Object ID	1.3.6.1.4.1.674.10892.1.1000.90.1.3
Description	Defines the capabilities of the USB port.

Syntax	DellStateCapabilities
Access	Read-only

Table 604. USB Port State Settings

Name	uSBPortStateSettings
Object ID	1.3.6.1.4.1.674.10892.1.1000.90.1.4
Description	Defines the state and settings of the USB port.
Syntax	DellStateSettings
Access	Read-write

Table 605. USB Port Status

Name	uSBPortStatus
Object ID	1.3.6.1.4.1.674.10892.1.1000.90.1.5
Description	Defines the state of the USB port.
Syntax	DellStatus
Access	Read-only

Table 606. USB Port Security State

Name	uSBPortSecurityState
Object ID	1.3.6.1.4.1.674.10892.1.1000.90.1.6
Description	Defines the security settings of the USB port.
Syntax	DellPortSecurityState
Access	Read-only

Table 607. USB Port Connector Type

Name	uSBPortConnectorType
Object ID	1.3.6.1.4.1.674.10892.1.1000.90.1.7
Description	Defines the connector type of the USB port.
Syntax	DellUSBPortConnectorType
Access	Read-only

Table 608. USB Port Name

Name	uSBPortName
Object ID	1.3.6.1.4.1.674.10892.1.1000.90.1.8
Description	Defines the name of the USB port.
Syntax	DellString

Access

Read-only

Port Group Variable Values

This section includes definitions for server administrator-specific variable values used in this section.

Table 609. Pointing Port Connector Type

Variable Name: DellPointingPortConnectorType

Data Type: Integer

Possible Data Values	Meaning of Data Value
connectorPortTypeIsOther (1)	The pointing port connector type is not one of the following:
connectorPortTypeIsUnknown (2)	The pointing port connector type is unknown.
connectorPortTypeIsSerial (3)	The pointing port connector type is serial.
connectorPortTypeIsPS2 (4)	The pointing port connector type is a Personal System/2 (PS/2).
connectorPortTypeIsInfrared (5)	The pointing port connector type is infrared.
connectorPortTypeIsHPHIL (6)	The pointing port connector type is HP-HIL.
connectorPortTypeIsBusMouse (7)	The pointing port connector type is a bus mouse.
connectorPortTypeIsADB (8)	The pointing port connector type is ADB.
connectorPortTypeIsDB9 (9)	The pointing port connector type is nine-pin DB-9.
connectorPortTypeIsMicroDIN (10)	The pointing port connector type is micro Deutsche Industrie Norm (DIN).
connectorPortTypeIsAccessBusUSB (11)	The pointing port connector type is Access Bus USB.
connectorPortTypeIsPC98 (12)	The port connector type is a PC-98.

Table 610. Keyboard Port Connector Types

Variable Name: DellKeyboardPortConnectorType

Data Type: Integer

Possible Data Values	Meaning of Data Value
connectorPortTypeIsOther (1)	The keyboard port connector type is not one of the following:

connectorPortTypeIsUnknown (2)	The keyboard port connector type is unknown.
connectorPortTypeIsMiniDIN (3)	The keyboard port connector type is a mini DIN.
connectorPortTypeIsMicroDIN (4)	The keyboard port connector type is a MicroDIN.
connectorPortTypeIsPS2 (5)	The keyboard port connector type is PS/2.
connectorPortTypeIsInfrared (6)	The keyboard port connector type is infrared.
connectorPortTypeIsHPHIL (7)	The keyboard port connector type is HP-HIL.
connectorPortTypeIsDB9 (8)	The keyboard port connector type is DB-9.
connectorPortTypeIsAccessBusUSB (9)	The keyboard port connector type is bus USB.
connectorPortTypeIsPC98 (10)	The keyboard port connector type is PC-98.

Table 611. Processor Port Connector Types

Variable Name : DellProcessorPortConnectorType

Data Type: Integer

Possible Data Values

Meaning of Data Value

connectorPortTypeIsOther (1)	The processor port connector type is not one of the following:
connectorPortTypeIsUnknown (2)	The processor port connector type is unknown.
connectorPortTypeIsDaughterdBoard (3)	The processor port connector type is a daughter board.
connectorPortTypeIsZIFSocket (4)	The processor port connector type is a zero insertion force (ZIF) socket.
connectorPortTypeIsAPiggyBackBoard (5)	The processor port connector type is a replacement piggyback board.
connectorPortTypeIsNone (6)	There is no processor port connector; processor is soldered in place.
connectorPortTypeIsLIFSocket (7)	The processor port connector type is a low insertion force (LIF) socket.
connectorPortTypeIsSlot1 (8)	The processor port connector type is a slot one.
connectorPortTypeIsSlot2 (9)	The processor port connector type is a slot two.
connectorPortTypeIs370PinSocket (10)	The processor port connector type is a 370 pin socket.

Table 612. Memory Device Port Connector Types

Variable Name : DellMemoryDevicePortConnectorType

Data Type: Integer

Possible Data Values

Meaning of Data Value

connectorPortTypeIsOther (1)	The memory device port connector type is not one of the following:
connectorPortTypeIsUnknown (2)	The memory device port connector type is unknown.

connectorPortTypeIsSIMM (3)	The memory device port connector type is a single in-line memory module (SIMM).
connectorPortTypeIsSIP (4)	The memory device port connector type is a SIP.
connectorPortTypeIsAChip (5)	The memory device port connector type is a chip.
connectorPortTypeIsDIP (6)	The memory device port connector type is a dual in-line package (DIP).
connectorPortTypeIsZIP (7)	The memory device port connector type is a ZIP.
connectorPortTypeIsAProprietaryCard (8)	The memory device port connector type is a proprietary card.
connectorPortTypeIsDIMM (9)	The memory device port connector type is a dual in-line memory module (DIMM).
connectorPortTypeIsTSOP (10)	The memory device port connector type is a TSOP.
connectorPortTypeIsARowOfChips (11)	The memory device port connector type is a row of chips.
connectorPortTypeIsRIMM (12)	The memory device port connector type is a Rambus Inline Memory Module (RIMM).
connectorPortTypeIsSODIMM (13)	The memory device port connector type is a small outline, dual in-line memory module (SODIMM).
connectorPortTypeIsSRIMM (14)	The memory device port connector type is a SRIMM.

Table 613. Monitor Port Connector Types

Variable Name : DellMonitorPortConnectorType

Data Type: Integer

Possible Data Values

connectorPortTypeIsOther (1)
connectorPortTypeIsUnknown (2)
connectorPortTypeIsDB15PinMale (3)
connectorPortTypeIsDB15PinFemale (4)

Meaning of Data Value

The monitor port connector type is not one of the following:
The monitor port connector type is unknown.
The monitor port connector type is a male DB-15.
The monitor port connector type is a female DB-15.

Table 614. SCSI Port Connector Types

Variable Name : DellSCSIPortConnectorType

Data Type: Integer

Possible Data Values

connectorPortTypeIsOther (1)
connectorPortTypeIsUnknown (2)
connectorPortTypeIsDIN25pin (3)
connectorPortTypeIsDIN50pin (4)

Meaning of Data Value

The SCSI port connector type is not one of the following:
The SCSI port connector type is unknown.
The SCSI port connector type is a DIN 25-pin.
The SCSI port connector type is a DIN 50-pin.

connectorPortTypeIsDIN68pin (5)

The SCSI port connector type is a DIN 68-pin.

Device Group

The Device Group defines information about the devices discovered on the system during an inventory scan. Identifying information includes the Component ID, the Device ID, and the Vendor ID.

Device Tables

The following management information base (MIB) tables define objects in the Device Group:

- [Pointing Device Table](#)
- [Keyboard Device Table](#)
- [Processor Device Table](#)
- [Processor Device Status Table](#)
- [Cache Device Table](#)
- [Memory Device Table](#)
- [Memory Device Mapped Address Table](#)
- [Generic Device Table](#)
- [PCI Device Table](#)
- [PCI Device Configuration Space Table](#)
- [Network Device Table](#)
- [Managed System Services Device Table](#)
- [SD Card Unit Table](#)
- [SD Card Device Table](#)

Pointing Device Table

Table 615. Pointing Device Table

Name	pointingDeviceTable
Object ID	1.3.6.1.4.1.674.10892.1.1100.10
Description	Defines the Pointing Device Table. This group of objects references the Pointing Port Index (Pointing Port Index).
Syntax	SEQUENCE OF PointingDeviceTableEntry
Access	Not accessible

Table 616. Pointing Device Table Entry

Name	pointingDeviceTableEntry
Object ID	1.3.6.1.4.1.674.10892.1.1100.10.1
Description	Defines the Pointing Device Table entry.

Syntax	PointingDeviceTableEntry
Access	Not accessible
Index	pointingDevicechassisIndex , pointingDeviceIndex

Table 617. Pointing Device Chassis Index

Name	pointingDevicechassisIndex
Object ID	1.3.6.1.4.1.674.10892.1.1100.10.1.1
Description	Defines the index (one-based) of this chassis.
Syntax	DellObjectRange
Access	Read-only

Table 618. Pointing Device Index

Name	pointingDeviceIndex
Object ID	1.3.6.1.4.1.674.10892.1.1100.10.1.2
Description	Defines the index of the pointing device in this chassis.
Syntax	DellObjectRange
Access	Read-only

Table 619. Pointing Device State Capabilities

Name	pointingDeviceStateCapabilities
Object ID	1.3.6.1.4.1.674.10892.1.1100.10.1.3
Description	Defines the capabilities of the pointing device.
Syntax	DellStateCapabilities
Access	Read-only

Table 620. Pointing Device State Settings

Name	pointingDeviceStateSettings
Object ID	1.3.6.1.4.1.674.10892.1.1100.10.1.4
Description	Defines the state of the pointing device.
Syntax	DellStateSettings
Access	Read-write

Table 621. Pointing Device Status

Name	pointingDeviceStatus
Object ID	1.3.6.1.4.1.674.10892.1.1100.10.1.5
Description	Defines the status of the pointing device.

Syntax	DellStatus
Access	Read-only

Table 622. Pointing Port Index Reference

Name	pointingPortIndexReference
Object ID	1.3.6.1.4.1.674.10892.1.1100.10.1.6
Description	Defines the index to the pointing port in this chassis.
Syntax	DellObjectRange
Access	Read-only

Table 623. Pointing Device Type

Name	pointingDeviceType
Object ID	1.3.6.1.4.1.674.10892.1.1100.10.1.7
Description	Defines the type of the pointing device.
Syntax	DellPointingDeviceType (See Pointing Device Type)
Access	Read-only

Table 624. Pointing Device Number of Buttons

Name	pointingDeviceNumberOfButtons
Object ID	1.3.6.1.4.1.674.10892.1.1100.10.1.8
Description	Defines the number of buttons on the pointing device.
Syntax	DellUnsigned8BitRange
Access	Read-only

Keyboard Device Table

Table 625. Keyboard Device Table

Name	keyboardDeviceTableEntry
Object ID	1.3.6.1.4.1.674.10892.1.1100.20
Description	Defines the Keyboard Device Table. This table references the Keyboard Port Index (Keyboard Port Index).
Syntax	SEQUENCE OF KeyboardDeviceTableEntry
Access	Not accessible

Table 626. Keyboard Device Table Entry

Name	keyboardDeviceTableEntry
Object ID	1.3.6.1.4.1.674.10892.1.1100.20.1
Description	Defines the Keyboard Device Table entry.
Syntax	KeyboardDeviceTableEntry

Access	Not accessible
Index	keyboardDevicechassisIndex , keyboardDeviceIndex

Table 627. Keyboard Device Chassis Index

Name	keyboardDevicechassisIndex
Object ID	1.3.6.1.4.1.674.10892.1.1100.20.1.1
Description	Defines the index (one-based) of this chassis.
Syntax	DellObjectRange
Access	Read-only

Table 628. Keyboard Device Index

Name	keyboardDeviceIndex
Object ID	1.3.6.1.4.1.674.10892.1.1100.20.1.2
Description	Defines the index of the keyboard device for this chassis.
Syntax	DellObjectRange
Access	Read-only

Table 629. Keyboard Device State Capabilities

Name	keyboardDeviceStateCapabilities
Object ID	1.3.6.1.4.1.674.10892.1.1100.20.1.3
Description	Defines the capabilities of the keyboard device.
Syntax	DellStateCapabilities
Access	Read-only

Table 630. Keyboard Device State Settings

Name	keyboardDeviceStateSettings
Object ID	1.3.6.1.4.1.674.10892.1.1100.20.1.4
Description	Defines the state of the keyboard device.
Syntax	DellStatesSettings
Access	Read-write

Table 631. Keyboard Device Status

Name	keyboardDeviceStatus
Object ID	1.3.6.1.4.1.674.10892.1.1100.20.1.5
Description	Defines the status of the keyboard device.
Syntax	DellStatus

Access Read-only

Table 632. Keyboard Port Index Reference

Name keyboardPortIndexReference
Object ID 1.3.6.1.4.1.674.10892.1.1100.20.1.6
Description Defines the index to the associated the keyboard port in this chassis.
Syntax DellStatus
Access Read-only

Table 633. Keyboard Device Type Name

Name keyboardDeviceTypeName
Object ID 1.3.6.1.4.1.674.10892.1.1100.20.1.7
Description Defines the name of the keyboard type.
Syntax DellString
Access Read-only

Table 634. Keyboard Device Layout Name

Name keyboardDeviceLayoutName
Object ID 1.3.6.1.4.1.674.10892.1.1100.20.1.8
Description Defines the name of the keyboard layout.
Syntax DellString
Access Read-only

Processor Device Table

Table 635. Processor Device Table

Name processorDeviceTable
Object ID 1.3.6.1.4.1.674.10892.1.1100.30
Description Defines the Processor Device Table.
Syntax SEQUENCE OF ProcessorDeviceTableEntry
Access Not accessible

Table 636. Processor Device Table Entry

Name processorDeviceTableEntry
Object ID 1.3.6.1.4.1.674.10892.1.1100.30.1
Description Defines the Processor Device Table entry.
Syntax ProcessorDeviceTableEntry
Access Not accessible

Index processorDevicechassisIndex
,
processorDeviceIndex

Table 637. Processor Device Chassis Index

Name processorDevicechassisIndex
Object ID 1.3.6.1.4.1.674.10892.1.1100.30.1.1
Description Defines the index (one-based) of this chassis.
Syntax DellObjectRange
Access Read-only

Table 638. Processor Device Index

Name processorDeviceIndex
Object ID 1.3.6.1.4.1.674.10892.1.1100.30.1.2
Description Defines the index of the processor device in this chassis.
Syntax DellObjectRange
Access Read-only

Table 639. Processor Device State Capabilities

Name processorDeviceStateCapabilities
Object ID 1.3.6.1.4.1.674.10892.1.1100.30.1.3
Description Defines the capabilities of the processor device.
Syntax DellStateCapabilities
Access Read-only

Table 640. Processor Device State Settings

Name processorDeviceStateSettings
Object ID 1.3.6.1.4.1.674.10892.1.1100.30.1.4
Description Defines the state of the processor device.
Syntax DellStateSettings
Access Read-write

Table 641. Processor Device Status

Name processorDeviceStatus
Object ID 1.3.6.1.4.1.674.10892.1.1100.30.1.5
Description Defines the status of the processor device.
Syntax DellStatus
Access Read-only

Table 642. Processor Port Index Reference

Name	processorPortIndexReference
Object ID	1.3.6.1.4.1.674.10892.1.1100.30.1.6
Description	Defines the index to the associated processor port in this chassis.
Syntax	DellObjectRange
Access	Read-only

Table 643. Processor Device Type

Name	processorDeviceType
Object ID	1.3.6.1.4.1.674.10892.1.1100.30.1.7
Description	Defines the type of processor device.
Syntax	DellProcessorDeviceType (See Processor Device Type)
Access	Read-only

Table 644. Processor Device Manufacturer Name

Name	processorDeviceManufacturerName
Object ID	1.3.6.1.4.1.674.10892.1.1100.30.1.8
Description	Defines the name of manufacturer of the processor device.
Syntax	DellString
Access	Read-only

Table 645. Processor Device Status State

Name	processorDeviceStatusState
Object ID	1.3.6.1.4.1.674.10892.1.1100.30.1.9
Description	Defines the status state of the processor device.
Syntax	DellProcessorDeviceStatusState (See Processor Device Status State)
Access	Read-only

Table 646. Processor Device Family

Name	processorDeviceFamily
Object ID	1.3.6.1.4.1.674.10892.1.1100.30.1.10
Description	Defines the family of the processor device.
Syntax	DellProcessorDeviceFamily (See Processor Device Family)
Access	Read-only

Table 647. Processor Device Maximum Speed

Name	processorDeviceMaximumSpeed
Object ID	1.3.6.1.4.1.674.10892.1.1100.30.1.11

Description	Defines the maximum speed of the processor device in megahertz (MHz). A zero (0) indicates that the speed is unknown.
Syntax	DellUnsigned32BitRange
Access	Read-only

Table 648. Processor Device Current Speed

Name	<code>processorDeviceCurrentSpeed</code>
Object ID	1.3.6.1.4.1.674.10892.1.1100.30.1.12
Description	Defines the current speed of the processor device in MHz. A zero (0) indicates that the speed is unknown.
Syntax	DellUnsigned32BitRange
Access	Read-only

Table 649. Processor Device External Clock Speed

Name	<code>processorDeviceExternalClockSpeed</code>
Object ID	1.3.6.1.4.1.674.10892.1.1100.30.1.13
Description	Defines the speed of the external clock (the front-side bus speed) for the processor device in MHz. A zero (0) indicates that the speed is unknown.
Syntax	DellUnsigned32BitRange
Access	Read-only

Table 650. Processor Device Voltage

Name	<code>processorDeviceVoltage</code>
Object ID	1.3.6.1.4.1.674.10892.1.1100.30.1.14
Description	Defines the voltage powering the processor device in millivolts. A zero (0) indicates the speed is unknown.
Syntax	DellSigned32BitRange
Access	Read-only

Table 651. Processor Device Upgrade Information

Name	<code>processorDeviceUpgradeInformation</code>
Object ID	1.3.6.1.4.1.674.10892.1.1100.30.1.15
Description	Defines the processor upgrade information for the processor device.
Syntax	DellProcessorUpgradeInformation (See Processor Upgrade Information)
Access	Read-only

Table 652. Processor Device Version Name

Name	<code>processorDeviceVersionName</code>
Object ID	1.3.6.1.4.1.674.10892.1.1100.30.1.16
Description	Defines the version name of the processor device.

Syntax	DellString
Access	Read-only

Table 653. Processor Device Core Count

Name	processorDeviceCoreCount
Object ID	1.3.6.1.4.1.674.10892.1.1100.30.1.17
Description	Defines the number of processor cores detected for the processor device.
Syntax	DellUnsigned32BitRange
Access	Read-only

Table 654. Processor Device Core Enabled Count

Name	processorDeviceCoreEnabledCount
Object ID	1.3.6.1.4.1.674.10892.1.1100.30.1.18
Description	Defines the number of processor cores enabled for the processor device.
Syntax	DellUnsigned32BitRange
Access	Read-only

Table 655. Processor Device Thread Count

Name	processorDeviceThreadCount
Object ID	1.3.6.1.4.1.674.10892.1.1100.30.1.19
Description	Defines the number of processor threads detected for the processor device.
Syntax	DellUnsigned32BitRange
Access	Read-only

Table 656. Processor Device Characteristics

Name	processorDeviceCharacteristics
Object ID	1.3.6.1.4.1.674.10892.1.1100.30.1.20
Description	This attribute defines characteristics of the processor device. This attribute is a bit field where a bit has the meaning defined below when set to 1 (one).



NOTE: Bits 2-15 need to be examined in the context of bit 1. If bit 1 is set, the processor characteristics are unknown and bits 2-15 cannot be used to determine if the functions associated with the bits are supported.

Bit Position	Meaning if Set
Bit 0	Reserved
Bit 1	Unknown
Bit 2	64-bit capable
Bit 3-15	Reserved

Syntax	DellUnsigned16BitRange
---------------	------------------------

Access Read-only

Table 657. Processor Device Extended Capabilities

Name	processorDeviceExtendedCapabilities										
Object ID	1.3.6.1.4.1.674.10892.1.1100.30.1.21										
Description	This attribute defines extended capabilities of the processor device. This attribute is a bit field where a bit has the meaning defined below when set to 1 (one).										
	<table><thead><tr><th>Bit Position</th><th>Meaning if Set</th></tr></thead><tbody><tr><td>Bit 0</td><td>Virtualization Technology (VT) supported</td></tr><tr><td>Bit 1</td><td>Demand-Based Switching (DBS) supported</td></tr><tr><td>Bit 2</td><td>eXecute Disable (XD) supported</td></tr><tr><td>Bit 3</td><td>Hyper-Threading (HT) supported</td></tr></tbody></table>	Bit Position	Meaning if Set	Bit 0	Virtualization Technology (VT) supported	Bit 1	Demand-Based Switching (DBS) supported	Bit 2	eXecute Disable (XD) supported	Bit 3	Hyper-Threading (HT) supported
Bit Position	Meaning if Set										
Bit 0	Virtualization Technology (VT) supported										
Bit 1	Demand-Based Switching (DBS) supported										
Bit 2	eXecute Disable (XD) supported										
Bit 3	Hyper-Threading (HT) supported										
Syntax	DellUnsigned16BitRange										
Access	Read-only										

Table 658. Processor Device Extended Settings

Name	processorDeviceExtendedSettings										
Object ID	1.3.6.1.4.1.674.10892.1.1100.30.1.22										
Description	This attribute defines extended settings of the processor device. This attribute is a bit field where a bit has the meaning defined below when set to 1 (one).										
	<table><thead><tr><th>Bit Position</th><th>Meaning if Set</th></tr></thead><tbody><tr><td>Bit 0</td><td>Virtualization Technology (VT) supported</td></tr><tr><td>Bit 1</td><td>Demand-Based Switching (DBS) supported</td></tr><tr><td>Bit 2</td><td>eXecute Disable (XD) supported</td></tr><tr><td>Bit 3</td><td>Hyper-Threading (HT) supported</td></tr></tbody></table>	Bit Position	Meaning if Set	Bit 0	Virtualization Technology (VT) supported	Bit 1	Demand-Based Switching (DBS) supported	Bit 2	eXecute Disable (XD) supported	Bit 3	Hyper-Threading (HT) supported
Bit Position	Meaning if Set										
Bit 0	Virtualization Technology (VT) supported										
Bit 1	Demand-Based Switching (DBS) supported										
Bit 2	eXecute Disable (XD) supported										
Bit 3	Hyper-Threading (HT) supported										
Syntax	DellUnsigned16BitRange										
Access	Read-only										

Table 659. Processor Device Brand Name

Name	processorDeviceBrandName
Object ID	1.3.6.1.4.1.674.10892.1.1100.30.1.23
Description	Defines the brand of the processor device.
Syntax	DellString
Access	Read-only

Table 660. Processor Device Model Name

Name	<code>processorDeviceModelName</code>
Object ID	1.3.6.1.4.1.674.10892.1.1100.30.1.24
Description	Defines the model of the processor device.
Syntax	<code>DellString</code>
Access	Read-only

Table 661. Processor Device Stepping Name

Name	<code>processorDeviceSteppingName</code>
Object ID	1.3.6.1.4.1.674.10892.1.1100.30.1.25
Description	Defines the stepping of the processor device.
Syntax	<code>DellString</code>
Access	Read-only

Processor Device Status Table

Table 662. Processor Device Status Table

Name	<code>processorDeviceStatusTable</code>
Object ID	1.3.6.1.4.1.674.10892.1.1100.32
Description	Defines the Processor Device Status Table.
Syntax	SEQUENCE OF <code>ProcessorDeviceStatusTableEntry</code>
Access	Not accessible

Table 663. Processor Device Status Table Entry

Name	<code>processorDeviceStatusTableEntry</code>
Object ID	1.3.6.1.4.1.674.10892.1.1100.32.1
Description	Defines the Processor Device Status Table Entry.
Syntax	<code>ProcessorDeviceStatusTableEntry</code>
Access	Not accessible
Index	<code>processorDeviceStatusChassisIndex</code> , <code>processorDeviceStatusIndex</code>

Table 664. Processor Device Status Chassis Index

Name	<code>processorDeviceStatusChassisIndex</code>
Object ID	1.3.6.1.4.1.674.10892.1.1100.32.1.1
Description	Defines the index (one-based) of the associated chassis.
Syntax	<code>DellObjectRange</code>

Access Read-only

Table 665. Processor Device Status Index

Name processorDeviceStatusIndex
Object ID 1.3.6.1.4.1.674.10892.1.1100.32.1.2
Description Defines the index (one-based) of the processor device status probe.
Syntax DellObjectRange
Access Read-only

Table 666. Processor Device Status State Capabilities

Name processorDeviceStatusStateCapabilities
Object ID 1.3.6.1.4.1.674.10892.1.1100.32.1.3
Description Defines the state capabilities of the processor device status probe.
Syntax DellStateCapabilities
Access Read-only

Table 667. Processor Device Status State Settings

Name processorDeviceStatusStateSettings
Object ID 1.3.6.1.4.1.674.10892.1.1100.32.1.4
Description Defines the state settings of the processor device status probe.
Syntax DellStateSettings
Access Read-write

Table 668. Processor Device Status Status

Name processorDeviceStatusStatus
Object ID 1.3.6.1.4.1.674.10892.1.1100.32.1.5
Description Defines the status of the processor device status probe. This status is joined into the processorDeviceStatus attribute.
Syntax DellStatus
Access Read-only

Table 669. Processor Device Status Reading

Name processorDeviceStatusReading
Object ID 1.3.6.1.4.1.674.10892.1.1100.32.1.6
Description Defines the reading of the processor device status probe.
Syntax DellProcessorDeviceStatusReading
Access Read-only

Table 670. Processor Device Status Location Name

Name	processorDeviceStatusLocationName
Object ID	1.3.6.1.4.1.674.10892.1.1100.32.1.7
Description	Defines the location name of the processor device status probe.
Syntax	DellString
Access	Read-only

Table 671. Processor Device Status Port Index Reference

Name	processorDeviceStatusPortIndexReference
Object ID	1.3.6.1.4.1.674.10892.1.1100.32.1.8
Description	Defines the index (one-based) of the associated processor port in the same chassis.
Syntax	DellObjectRange
Access	Read-only

Cache Device Table

Table 672. Cache Device Table

Name	cacheDeviceTable
Object ID	1.3.6.1.4.1.674.10892.1.1100.40
Description	Defines the Cache Device Table.
Syntax	SEQUENCE OF CacheDeviceTableEntry
Access	Not accessible

Table 673. Cache Device Table Entry

Name	cacheDeviceTableEntry
Object ID	1.3.6.1.4.1.674.10892.1.1100.40.1
Description	Defines the Cache Device Table entry.
Syntax	CacheDeviceTableEntry
Access	Not accessible
Index	cacheDevicechassisIndex , cacheDeviceIndex

Table 674. Cache Device Chassis Index

Name	cacheDevicechassisIndex
Object ID	1.3.6.1.4.1.674.10892.1.1100.40.1.1
Description	Defines the index (one-based) of this chassis.

Syntax	DellObjectRange
Access	Read-only

Table 675. Cache Device Index

Name	cacheDeviceIndex
Object ID	1.3.6.1.4.1.674.10892.1.1100.40.1.2
Description	Defines the index of the cache device in this chassis.
Syntax	DellObjectRange
Access	Read-only

Table 676. Cache Device State Capabilities

Name	cacheDeviceStateCapabilities
Object ID	1.3.6.1.4.1.674.10892.1.1100.40.1.3
Description	Description Defines the capabilities of the cache device.
Syntax	DellStateCapabilities
Access	Read-only

Table 677. Cache Device State Settings

Name	cacheDeviceStateSettings
Object ID	1.3.6.1.4.1.674.10892.1.1100.40.1.4
Description	Description Defines the state of the cache device.
Syntax	DellStateSettings
Access	Read-write

Table 678. Cache Device Status

Name	cacheDeviceStatus
Object ID	1.3.6.1.4.1.674.10892.1.1100.40.1.5
Description	Defines the status of the cache device.
Syntax	DellStatus
Access	Read-only

Table 679. Cache Device Processor Device Index Reference

Name	cacheDeviceprocessorDeviceIndexReference
Object ID	1.3.6.1.4.1.674.10892.1.1100.40.1.6
Description	Defines the index number of the processor device with which this cache device is associated.
Syntax	DellObjectRange
Access	Read-only

Table 680. Cache Device Type

Name	cacheDeviceType
Object ID	1.3.6.1.4.1.674.10892.1.1100.40.1.7
Description	Defines the type of cache device.
Syntax	DellCacheDeviceType (See Cache Device Type)
Access	Read-only

Table 681. Cache Device Location

Name	cacheDeviceLocation
Object ID	1.3.6.1.4.1.674.10892.1.1100.40.1.8
Description	Defines the location of the cache device.
Syntax	DellCacheDeviceLocation (See Cache Device Location)
Access	Read-only

Table 682. Cache Device Status State

Name	cacheDeviceStatusState
Object ID	1.3.6.1.4.1.674.10892.1.1100.40.1.9
Description	Defines the status state of the cache device.
Syntax	DellCacheDeviceStatusState (See Cache Device Status State)
Access	Read-only

Table 683. Cache Device External Socket Name

Name	cacheDeviceExternalSocketName
Object ID	1.3.6.1.4.1.674.10892.1.1100.40.1.10
Description	Defines the external socket name of the cache device, if the cache is socketed.
Syntax	DellString
Access	Read-only

Table 684. Cache Device Level

Name	cacheDeviceLevel
Object ID	1.3.6.1.4.1.674.10892.1.1100.40.1.11
Description	Defines the level of the cache device.
Syntax	DellCacheDeviceLevel (See Cache Device Level)
Access	Read-only

Table 685. Cache Device Maximum Size

Name	cacheDeviceMaximumSize
Object ID	1.3.6.1.4.1.674.10892.1.1100.40.1.12

Description	Defines the maximum size of the cache device in kilobytes (KB). A zero (0) indicates that the size is unknown.
Syntax	DellUnsigned32BitRange
Access	Read-only

Table 686. Cache Device Current Size

Name	cacheDeviceCurrentSize
Object ID	1.3.6.1.4.1.674.10892.1.1100.40.1.13
Description	Defines the current size of the cache device in KB. A zero (0) indicates that the size is unknown.
Syntax	DellUnsigned32BitRange
Access	Read-only

Table 687. Cache Device Speed

Name	cacheDeviceSpeed
Object ID	1.3.6.1.4.1.674.10892.1.1100.40.1.14
Description	Defines the speed of the cache device in nanoseconds. A zero (0) indicates that the speed is unknown.
Syntax	DellUnsigned32BitRange
Access	Read-only

Table 688. Cache Device Write Policy

Name	cacheDeviceWritePolicy
Object ID	1.3.6.1.4.1.674.10892.1.1100.40.1.15
Description	Defines the write policy of the cache device.
Syntax	DellCacheDeviceWritePolicy (See Cache Device Write Policy)
Access	Read-only

Table 689. Cache Device Is Socketed

Name	cacheDeviceIsSocketed
Object ID	1.3.6.1.4.1.674.10892.1.1100.40.1.16
Description	Defines if the cache device is socketed.
Syntax	DellBoolean
Access	Read-only

Table 690. Cache Device Error Checking and Correction (ECC) Type

Name	cacheDeviceECCType
Object ID	1.3.6.1.4.1.674.10892.1.1100.40.1.17
Description	Defines the type of error correction in use by the cache device.

Syntax	DellCacheDeviceECCType (See Cache Device ECC Type)
Access	Read-only

Table 691. Cache Device Associativity

Name	cacheDeviceAssociativity
Object ID	1.3.6.1.4.1.674.10892.1.1100.40.1.18
Description	Defines the type of associativity in use by the cache device.
Syntax	DellCacheDeviceAssociativity (See Cache Device Associativity)
Access	Read-only

Table 692. Cache Device Supported Type

Name	cacheDeviceSupportedType
Object ID	1.3.6.1.4.1.674.10892.1.1100.40.1.19
Description	Defines the type of static random-access memory (SRAM) that the cache device can support.
Syntax	DellCacheDeviceSupportedType
Access	Read-only

Table 693. Cache Device Current Type

Name	cacheDeviceCurrentType
Object ID	1.3.6.1.4.1.674.10892.1.1100.40.1.20
Description	Defines the current type of SRAM for the cache device.
Syntax	DellCacheDeviceSRAMType (See Cache Device Static Random-Access Memory (SRAM) Type)
Access	Read-only

Memory Device Table

Table 694. Memory Device Table

Name	memoryDeviceTable
Object ID	1.3.6.1.4.1.674.10892.1.1100.50
Description	Defines the Memory Device Table.
Syntax	SEQUENCE OF MemoryDeviceTableEntry
Access	Not accessible

Table 695. Memory Device Table Entry

Name	memoryDeviceTableEntry
Object ID	1.3.6.1.4.1.674.10892.1.1100.50.1
Description	Defines the Memory Device Table entry.

Syntax	MemoryDeviceTableEntry
Access	Not accessible
Index	memoryDevicechassisIndex , memoryDeviceIndex

Table 696. Memory Device Chassis Index

Name	memoryDevicechassisIndex
Object ID	1.3.6.1.4.1.674.10892.1.1100.50.1.1
Description	Defines the index (one-based) of this chassis.
Syntax	DellObjectRange
Access	Read-only

Table 697. Memory Device Index

Name	memoryDeviceIndex
Object ID	1.3.6.1.4.1.674.10892.1.1100.50.1.2
Description	Defines the index of the memory device in this chassis.
Syntax	DellObjectRange
Access	Read-only

Table 698. Memory Device State Capabilities

Name	memoryDeviceStateCapabilities
Object ID	1.3.6.1.4.1.674.10892.1.1100.50.1.3
Description	Defines the capabilities of the memory device.
Syntax	DellStateCapabilities
Access	Read-only

Table 699. Memory Device State Settings

Name	memoryDeviceStateSettings
Object ID	1.3.6.1.4.1.674.10892.1.1100.50.1.4
Description	Defines the state of the memory device.
Syntax	DellStateSettings
Access	Read-write

Table 700. Memory Device Status

Name	memoryDeviceStatus
Object ID	1.3.6.1.4.1.674.10892.1.1100.50.1.5
Description	Defines the status of the memory device.

Syntax	DellStatus
Access	Read-only

Table 701. Memory Device Memory Port Index Reference

Name	memoryDeviceMemoryPortIndexReference
Object ID	1.3.6.1.4.1.674.10892.1.1100.50.1.6
Description	Defines the index of the memory port of which this memory device is part.
Syntax	DellObjectRange
Access	Read-only


Table 702. Memory Device Type

Name	memoryDeviceType
Object ID	1.3.6.1.4.1.674.10892.1.1100.50.1.7
Description	Defines the type of the memory device.
Syntax	DellMemoryDeviceType (See Memory Device Type)
Access	Read-only

Table 703. Memory Device Location Name

Name	memoryDeviceLocationName
Object ID	1.3.6.1.4.1.674.10892.1.1100.50.1.8
Description	Defines the location name of the memory device.
Syntax	DellString
Access	Read-write

Table 704. Memory Device Error Count

 **NOTE:** [Memory Device Failure Modes](#) has now replaced this attribute. Memory Device Error Count should no longer be used. If you use the Memory Device Error Count attribute, the value returned is always zero, and using the attribute has no effect.

Name	memoryDeviceErrorCount
Object ID	1.3.6.1.4.1.674.10892.1.1100.50.1.9
Description	Defines the total number of Error Checking and Correction (ECC) errors detected by the memory device. Writing a 0 (zero) to this variable resets the devices error counts.
Syntax	DellSigned32BitRange
Access	Read-write

Table 705. Memory Device Bank Location Name

Name	memoryDeviceBankLocationName
Object ID	1.3.6.1.4.1.674.10892.1.1100.50.1.10

Description	Defines the bank location name of the memory device.
Syntax	DellString
Access	Read-only

Table 706. Memory Device Type Details

Name	memoryDeviceTypeDetails
Object ID	1.3.6.1.4.1.674.10892.1.1100.50.1.11
Description	Defines the detailed type of the memory device.
Syntax	DellMemoryDeviceTypeDetails (See Memory Device Type Details)
Access	Read-only

Table 707. Memory Device Form Factor

Name	memoryDeviceFormFactor
Object ID	1.3.6.1.4.1.674.10892.1.1100.50.1.12
Description	Defines the form factor of the memory device.
Syntax	DellMemoryDeviceFormFactor (See Memory Device Type Form Factor)
Access	Read-only

Table 708. Memory Device Set

Name	memoryDeviceSet
Object ID	1.3.6.1.4.1.674.10892.1.1100.50.1.13
Description	Defines if the memory device is a part of a set. A zero (0) indicates that this device is not part of a set.
Syntax	DellUnsigned32BitRange
Access	Read-only

Table 709. Memory Device Size

Name	memoryDeviceSize
Object ID	1.3.6.1.4.1.674.10892.1.1100.50.1.14
Description	Defines the size in KB of the memory device.
Syntax	DellUnsigned32BitRange
Access	Read-only

Table 710. Memory Device Speed

Name	memoryDeviceSpeed
Object ID	1.3.6.1.4.1.674.10892.1.1100.50.1.15
Description	Defines the speed in nanoseconds of the memory device. A zero (0) indicates that the speed is unknown.
Syntax	DellUnsigned32BitRange

Access Read-only


Table 711. Memory Device Total Bus Width

Name memoryDeviceTotalBusWidth
Object ID 1.3.6.1.4.1.674.10892.1.1100.50.1.16
Description Defines the total number of bits, including ECC, used by the memory device.
Syntax DellUnsigned32BitRange
Access Read-only

Table 712. Memory Device Total Data Bus Width


Name memoryDeviceTotalDataBusWidth
Object ID 1.3.6.1.4.1.674.10892.1.1100.50.1.17
Description Defines the total number of data bits used by the memory device.
Syntax DellUnsigned32BitRange
Access Read-only

Table 713. Memory Device Correctable Memory Event Count

 **NOTE:** [Memory Device Failure Modes](#) has now replaced this attribute. Memory Device Correctable Memory Event Count should no longer be used. If you use the Memory Device Correctable Memory Event Count attribute, the value returned is always zero, and using the attribute has no effect.

Name memoryDeviceSingleBitErrorCount
Object ID 1.3.6.1.4.1.674.10892.1.1100.50.1.18
Description Defines the total number of Correctable Memory Events detected by the memory device.
Syntax DellSigned32BitRange
Access Read-only

Table 714. Memory Device Uncorrectable Memory Event Count

 **NOTE:** [Memory Device Failure Modes](#) has now replaced this attribute. Memory Device Uncorrectable Memory Event Count should no longer be used. If you use the Memory Device Uncorrectable Memory Event Count attribute, the value returned is always zero, and using the attribute has no effect.

Name memoryDeviceMultiBitErrorCount
Object ID 1.3.6.1.4.1.674.10892.1.1100.50.1.19
Description Defines the total number of Uncorrectable Memory Events detected by the memory device.
Syntax DellSigned32BitRange
Access Read-only

Table 715. Memory Device Failure Modes

Name	memoryDeviceFailureModes
Object ID	1.3.6.1.4.1.674.10892.1.1100.50.1.20
Description	Defines the failure modes of the memory device when the memoryDeviceStatus attribute is not OK. It is a bit field that can be used to report more than one type of failure mode by using a combination of the defined bit masks.
Syntax	DellMemoryDeviceFailureModes
Access	Read-only

Table 716. Memory Device Manufacturer Name

Name	memoryDeviceManufacturerName
Object ID	1.3.6.1.4.1.674.10892.1.1100.50.1.21
Description	Defines the manufacturer of the memory device.
Syntax	DellString
Access	Read-only

Table 717. Memory Device Part Number Name

Name	memoryDevicePartNumberName
Object ID	1.3.6.1.4.1.674.10892.1.1100.50.1.22
Description	Defines the manufacturer's part number for the memory device.
Syntax	DellString
Access	Read-only

Table 718. Memory Device Serial Number Name

Name	memoryDeviceSerialNumberName
Object ID	1.3.6.1.4.1.674.10892.1.1100.50.1.23
Description	Defines the serial number of the memory device.
Syntax	DellString
Access	Read-only

Table 719. Memory Device Asset Tag Name

Name	memoryDeviceAssetTagName
Object ID	1.3.6.1.4.1.674.10892.1.1100.50.1.24
Description	Defines the asset tag of the memory device.
Syntax	DellString
Access	Read-only

Table 720. Memory Device Speed Name

Name	memoryDeviceSpeedName
Object ID	1.3.6.1.4.1.674.10892.1.1100.50.1.25
Description	This attribute defines the speed of the memory device in string format with units specified in string.
Syntax	DellString
Access	Read-only

Table 721. Memory Device Rank

Name	memoryDeviceRank														
Object ID	1.3.6.1.4.1.674.10892.1.1100.50.1.26														
Description	1100.0050.0001.0026 — This attribute defines the Rank of the memory device (DIMM). Zero indicates an unknown.														
	<table> <thead> <tr> <th>Value</th> <th>Meaning</th> </tr> </thead> <tbody> <tr> <td>deviceRankIsUnknown (0)</td> <td>Rank is unknown</td> </tr> <tr> <td>deviceRankIsSingle (1)</td> <td>Rank is Single</td> </tr> <tr> <td>deviceRankIsDual (2)</td> <td>Rank is Dual</td> </tr> <tr> <td>deviceRankIsQuad (4)</td> <td>Rank is Quad</td> </tr> <tr> <td>deviceRankIsOctal (8)</td> <td>Rank is Octal</td> </tr> <tr> <td>deviceRankIsHexa (16)</td> <td>Rank is Hexa</td> </tr> </tbody> </table>	Value	Meaning	deviceRankIsUnknown (0)	Rank is unknown	deviceRankIsSingle (1)	Rank is Single	deviceRankIsDual (2)	Rank is Dual	deviceRankIsQuad (4)	Rank is Quad	deviceRankIsOctal (8)	Rank is Octal	deviceRankIsHexa (16)	Rank is Hexa
Value	Meaning														
deviceRankIsUnknown (0)	Rank is unknown														
deviceRankIsSingle (1)	Rank is Single														
deviceRankIsDual (2)	Rank is Dual														
deviceRankIsQuad (4)	Rank is Quad														
deviceRankIsOctal (8)	Rank is Octal														
deviceRankIsHexa (16)	Rank is Hexa														
Syntax	DellMemoryDeviceRank														
Access	Read-only														

Memory Device Mapped Address Table

Table 722. Memory Device Mapped Address Table

Name	memoryDeviceMappedAddressTable
Object ID	1.3.6.1.4.1.674.10892.1.1100.60
Description	Defines the Memory Device Mapped Address Table.
Syntax	SEQUENCE OF MemoryDeviceMappedAddressTableEntry
Access	Not accessible

Table 723. Memory Device Mapped Address Table Entry

Name	memoryDeviceMappedAddressTableEntry
Object ID	1.3.6.1.4.1.674.10892.1.1100.60.1
Description	Defines the Memory Device Mapped Address Table entry.
Syntax	MemoryDeviceMappedAddressTableEntry
Access	Not accessible

Index	memoryDeviceMappedAddresschassisIndex , memoryDeviceMappedAddressIndex
--------------	------------------------------------------------------------------------------

Table 724. Memory Device Mapped Address Chassis Index

Name	memoryDeviceMappedAddresschassisIndex
Object ID	1.3.6.1.4.1.674.10892.1.1100.60.1.1
Description	Defines the index (one-based) of this chassis.
Syntax	DellObjectRange
Access	Read-only

Table 725. Memory Device Mapped Address Index

Name	memoryDeviceMappedAddressIndex
Object ID	1.3.6.1.4.1.674.10892.1.1100.60.1.2
Description	Defines the index (one-based) of the memory device mapped address in this chassis.
Syntax	DellObjectRange
Access	Read-only

Table 726. Memory Device Mapped Address State Capabilities

Name	memoryDeviceMappedAddressStateCapabilities
Object ID	1.3.6.1.4.1.674.10892.1.1100.60.1.3
Description	Defines the capabilities of the memory device mapped address.
Syntax	DellStateCapabilities
Access	Read-only

Table 727. Memory Device Mapped Address State Settings

Name	memoryDeviceMappedAddressStateSettings
Object ID	1.3.6.1.4.1.674.10892.1.1100.60.1.4
Description	Defines the state of the memory device mapped address.
Syntax	DellStateSettings
Access	Read-write

Table 728. Memory Device Mapped Address Status

Name	memoryDeviceMappedAddressStatus
Object ID	1.3.6.1.4.1.674.10892.1.1100.60.1.5
Description	Defines the status of the memory device mapped address.
Syntax	DellStatus

Access Read-only

Table 729. Memory Device Index Reference

Name memoryDeviceIndexReference
Object ID 1.3.6.1.4.1.674.10892.1.1100.60.1.6
Description Defines the index of the memory device(s) associated with this memory device mapped address.
Syntax DellObjectRange
Access Read-only

Table 730. Memory Device Mapped Address Row Position

Name memoryDeviceMappedAddressRowPosition
Object ID 1.3.6.1.4.1.674.10892.1.1100.60.1.7
Description Defines the position of the referenced memory in a row of the memory device mapped address.
Syntax DellUnsigned32BitRange
Access Read-only

Table 731. Memory Device Mapped Address Interleave Position

Name memoryDeviceMappedAddressInterleavePosition
Object ID 1.3.6.1.4.1.674.10892.1.1100.60.1.8
Description Defines the position of the referenced memory in an interleave of the memory device mapped address.
Syntax DellUnsigned32BitRange
Access Read-only

Table 732. Memory Device Mapped Address Interleave Depth

Name memoryDeviceMappedAddressInterleaveDepth
Object ID 1.3.6.1.4.1.674.10892.1.1100.60.1.9
Description Defines the maximum number of consecutive rows from the referenced memory device that are accessed in a single interleaved transfer in the memory device mapped address.
Syntax DellUnsigned32BitRange
Access Read-only

Table 733. Memory Device Mapped Address Starting Address

Name memoryDeviceMappedAddressStartingAddress
Object ID 1.3.6.1.4.1.674.10892.1.1100.60.1.10
Description Defines the physical starting address in KB of the memory device mapped address.
Syntax DellUnsigned64BitRange

Access Read-only

Table 734. Memory Device Mapped Address Ending Address

Name memoryDeviceMappedAddressEndingAddress
Object ID 1.3.6.1.4.1.674.10892.1.1100.60.1.11
Description Defines the physical ending address in KB of the memory device mapped address.
Syntax DellUnsigned64BitRange
Access Read-only

Generic Device Table

Table 735. Generic Device Table

Name genericDeviceTable
Object ID 1.3.6.1.4.1.674.10892.1.1100.70
Description Defines the Generic Device Table.
Syntax SEQUENCE OF GenericDeviceTableEntry
Access Not accessible

Table 736. Generic Device Table Entry

Name genericDeviceTableEntry
Object ID 1.3.6.1.4.1.674.10892.1.1100.70.1
Description Defines the Generic Device Table entry.
Syntax GenericDeviceTableEntry
Access Not accessible
Index genericDevicechassisIndex
,
genericDeviceIndex

Table 737. Generic Device Chassis Index

Name genericDevicechassisIndex
Object ID 1.3.6.1.4.1.674.10892.1.1100.70.1.1
Description Defines the index (one-based) of this chassis.
Syntax DellObjectRange
Access Read-only

Table 738. Generic Device Index

Name genericDeviceIndex
Object ID 1.3.6.1.4.1.674.10892.1.1100.70.1.2

Description	Defines the index of the generic device in this chassis.
Syntax	DellObjectRange
Access	Read-only

Table 739. Generic Device State Capabilities

Name	genericDeviceStateCapabilities
Object ID	1.3.6.1.4.1.674.10892.1.1100.70.1.3
Description	Defines the capabilities of the generic device.
Syntax	DellStateCapabilities
Access	Read-only

Table 740. Generic Device State Settings

Name	genericDeviceStateSettings
Object ID	1.3.6.1.4.1.674.10892.1.1100.70.1.4
Description	Defines the state of the generic device.
Syntax	DellStateSettings
Access	Read-write

Table 741. Generic Device Status

Name	genericDeviceStatus
Object ID	1.3.6.1.4.1.674.10892.1.1100.70.1.5
Description	Defines the status of the generic device.
Syntax	DellStatus
Access	Read-only

Table 742. Generic Device System Slot Index Reference

Name	genericDeviceSystemSlotIndexReference
Object ID	1.3.6.1.4.1.674.10892.1.1100.70.1.6
Description	Defines the index of the system slot into which this generic device is plugged.
Syntax	DellObjectRange
Access	Read-only

Table 743. Generic Device Type

Name	genericDeviceType
Object ID	1.3.6.1.4.1.674.10892.1.1100.70.1.7
Description	Defines the type of the generic device.
Syntax	DellGenericDeviceType (See Generic Device Type)
Access	Read-only

Table 744. Generic Device Name

Name	genericDeviceName
Object ID	1.3.6.1.4.1.674.10892.1.1100.70.1.8
Description	Defines the name of the generic device.
Syntax	DellString
Access	Read-only

PCI Device Table

Table 745. PCI Device Table

Name	pCIDeviceTable
Object ID	1.3.6.1.4.1.674.10892.1.1100.80
Description	Defines the PCI Device Detail Table.
Syntax	SEQUENCE OF PCIDeviceTableEntry
Access	Not accessible

Table 746. PCI Device Table Entry

Name	pCIDeviceTableEntry
Object ID	1.3.6.1.4.1.674.10892.1.1100.80.1
Description	Defines the PCI Device Table entry.
Syntax	PCIDeviceTableEntry
Access	Not accessible
Index	pCIDevicechassisIndex , pCIDeviceIndex

Table 747. PCI Device Chassis Index

Name	pCIDevicechassisIndex
Object ID	1.3.6.1.4.1.674.10892.1.1100.80.1.1
Description	Defines the index (one-based) of this chassis.
Syntax	DellObjectRange
Access	Read-only

Table 748. PCI Device Index

Name	pCIDeviceIndex
Object ID	1.3.6.1.4.1.674.10892.1.1100.80.1.2
Description	Defines the index (one-based) of the PCI device in this chassis.
Syntax	DellObjectRange

Access Read-only

Table 749. PCI Device State Capabilities

Name pCIDeviceStateCapabilities
Object ID 1.3.6.1.4.1.674.10892.1.1100.80.1.3
Description Defines the capabilities of the PCI device.
Syntax DellStateCapabilities
Access Read-only

Table 750. PCI Device State Settings

Name pCIDeviceStateSettings
Object ID 1.3.6.1.4.1.674.10892.1.1100.80.1.4
Description Defines the state of the PCI device.
Syntax DellStateSettings
Access Read-write

Table 751. PCI Device Status

Name pCIDeviceStatus
Object ID 1.3.6.1.4.1.674.10892.1.1100.80.1.5
Description Defines the status of the PCI device.
Syntax DellStatus
Access Read-only

Table 752. PCI Device System Slot Index Reference

Name pCIDeviceSystemSlotIndexReference
Object ID 1.3.6.1.4.1.674.10892.1.1100.80.1.6
Description Defines the index number of the system slot that this PCI device is in.
Syntax DellObjectRange
Access Read-only

Table 753. PCI Device Data Bus Width

Name pCIDeviceDataBusWidth
Object ID 1.3.6.1.4.1.674.10892.1.1100.80.1.7
Description Defines the bus width of the PCI device in this chassis.
Syntax DellUnsigned32BitRange
Access Read-only

Table 754. PCI Device Manufacturer Name

Name	pCIDeviceManufacturerName
Object ID	1.3.6.1.4.1.674.10892.1.1100.80.1.8
Description	Defines the name of the PCI device manufacturer.
Syntax	DellString
Access	Read-only

Table 755. PCI Device Description Name

Name	pCIDeviceDescriptionName
Object ID	1.3.6.1.4.1.674.10892.1.1100.80.1.9
Description	Defines the descriptive name of the PCI device.
Syntax	DellString
Access	Read-only

Table 756. PCI Device Speed

Name	pCIDeviceSpeed
Object ID	1.3.6.1.4.1.674.10892.1.1100.80.1.10
Description	Defines the bus speed in MHz of the PCI device in this chassis. A zero (0) indicates that the speed is unknown.
Syntax	DellUnsigned32BitRange
Access	Read-only

Table 757. PCI Device Adapter Fault

Name	pCIDeviceAdapterFault
Object ID	1.3.6.1.4.1.674.10892.1.1100.80.1.11
Description	Defines whether the PCI device in this chassis has detected a fault.
Syntax	DellBoolean
Access	Read-only

PCI Device Configuration Space Table

Table 758. PCI Device Configuration Space Table

Name	pCIDeviceConfigurationSpaceTable
Object ID	1.3.6.1.4.1.674.10892.1.1100.82
Description	Defines the PCI Device Configuration Table.
Syntax	SEQUENCE OF PCIDeviceConfigurationSpaceTableEntry
Access	Not accessible

Table 759. PCI Device Configuration Space Table Entry

Name	pCIDeviceConfigurationSpaceTableEntry
Object ID	1.3.6.1.4.1.674.10892.1.1100.82.1
Description	Defines the PCI Device Configuration Table entry.
Syntax	PCIDeviceConfigurationSpaceTableEntry
Access	Not accessible
Index	pCIDeviceConfigurationSpacechassisIndex , pCIDeviceConfigurationSpaceIndex

Table 760. PCI Device Configuration Space Chassis Index

Name	pCIDeviceConfigurationSpacechassisIndex
Object ID	1.3.6.1.4.1.674.10892.1.1100.82.1.1
Description	Defines the index (one-based) of this chassis.
Syntax	DellObjectRange
Access	Read-only

Table 761. PCI Device Configuration Space Index

Name	pCIDeviceConfigurationSpaceIndex
Object ID	1.3.6.1.4.1.674.10892.1.1100.82.1.2
Description	Defines the index (one-based) of the PCI device configuration in this chassis.
Syntax	DellObjectRange
Access	Read-only

Table 762. PCI Device Configuration Space State Capabilities

Name	pCIDeviceConfigurationSpaceStateCapabilities
Object ID	1.3.6.1.4.1.674.10892.1.1100.82.1.3
Description	Defines the capabilities of the PCI device configuration.
Syntax	DellStateCapabilities
Access	Read-only

Table 763. PCI Device Configuration Space State Settings

Name	pCIDeviceConfigurationSpaceStateSettings
Object ID	1.3.6.1.4.1.674.10892.1.1100.82.1.4
Description	Defines the state of the PCI device configuration.
Syntax	DellStateSettings
Access	Read-write

Table 764. PCI Device Configuration Space Status

Name	pCIDeviceConfigurationSpaceStatus
Object ID	1.3.6.1.4.1.674.10892.1.1100.82.1.5
Description	Defines the status of the PCI device configuration.
Syntax	DellStatus
Access	Read-only

Table 765. PCI Device Index Reference

Name	pCIDeviceIndexReference
Object ID	1.3.6.1.4.1.674.10892.1.1100.82.1.6
Description	Defines the index number of PCI device that this configuration applies to.
Syntax	DellObjectRange
Access	Read-only

Table 766. PCI Device Configuration Space Bus Number

Name	pCIDeviceConfigurationSpaceBusNumber
Object ID	1.3.6.1.4.1.674.10892.1.1100.82.1.7
Description	Defines the bus number of the PCI device configuration in this chassis.
Syntax	DellUnsigned32BitRange
Access	Read-only

Table 767. PCI Device Configuration Space Device Number

Name	pCIDeviceConfigurationSpaceDeviceNumber
Object ID	1.3.6.1.4.1.674.10892.1.1100.82.1.8
Description	Defines the device number of the PCI device in this chassis.
Syntax	DellUnsigned32BitRange
Access	Read-only

Table 768. PCI Device Configuration Space Function Number

Name	pCIDeviceConfigurationSpaceFunctionNumber
Object ID	1.3.6.1.4.1.674.10892.1.1100.82.1.9
Description	Defines the function number of the PCI device in this chassis.
Syntax	DellUnsigned32BitRange
Access	Read-only

Table 769. PCI Device Configuration Space Header

Name	pCIDeviceConfigurationSpaceHeader
Object ID	1.3.6.1.4.1.674.10892.1.1100.82.1.10

Description	Defines the common configuration space header of the PCI device.
Syntax	Octet String (SIZE(0.1025))
Access	Read-only

Network Device Table

Table 770. Network Device Table

Name	<code>networkDeviceTable</code>
Object ID	1.3.6.1.4.1.674.10892.1.1100.90
Description	Defines the Network Device Table.
Syntax	SEQUENCE OF NetworkDeviceTableEntry
Access	Not accessible

Table 771. Network Device Table Entry

Name	<code>networkDeviceTableEntry</code>
Object ID	1.3.6.1.4.1.674.10892.1.1100.90.1
Description	Defines the Network Device Table Entry.
Syntax	NetworkDeviceTableEntry
Access	Not accessible
Index	<code>networkDeviceChassisIndex</code> , <code>networkDeviceIndex</code>

Table 772. Network Device Chassis Index

Name	<code>networkDeviceChassisIndex</code>
Object ID	1.3.6.1.4.1.674.10892.1.1100.90.1.1
Description	Defines the index (one-based) of the chassis that contains the network device.
Syntax	DellObjectRange
Access	Read-only

Table 773. Network Device Index

Name	<code>networkDeviceIndex</code>
Object ID	1.3.6.1.4.1.674.10892.1.1100.90.1.2
Description	Defines the index (one-based) of the network device.
Syntax	DellObjectRange
Access	Read-only

Table 774. Network Device Status

Name	networkDeviceStatus
Object ID	1.3.6.1.4.1.674.10892.1.1100.90.1.3
Description	Defines the status of the network device.
Syntax	DellStatus
Access	Read-only

Table 775. Network Device Connection Status

Name	networkDeviceConnectionStatus
Object ID	1.3.6.1.4.1.674.10892.1.1100.90.1.4
Description	Defines the connection status of the network device.
Syntax	DellNetworkDeviceConnectionStatus (See Network Device Connection Status)
Access	Read-only

Table 776. Network Device Description Name

Name	networkDeviceDescriptionName
Object ID	1.3.6.1.4.1.674.10892.1.1100.90.1.5
Description	Defines the description of the network device.
Syntax	DellString
Access	Read-only

Table 777. Network Device Product Name

Name	networkDeviceProductName
Object ID	1.3.6.1.4.1.674.10892.1.1100.90.1.6
Description	Defines the product name of the network device.
Syntax	DellString
Access	Read-only

Table 778. Network Device Vendor Name

Name	networkDeviceVendorName
Object ID	1.3.6.1.4.1.674.10892.1.1100.90.1.7
Description	Defines the name of the vendor of the network device.
Syntax	DellString
Access	Read-only

Table 779. Network Device Service Name

Name	networkDeviceServiceName
Object ID	1.3.6.1.4.1.674.10892.1.1100.90.1.8

Description	Defines the service name of the network device.
Syntax	DellString
Access	Read-only

Table 780. Network Device Driver Image Path Name

Name	networkDeviceDriverImagePathName
Object ID	1.3.6.1.4.1.674.10892.1.1100.90.1.9
Description	Defines the path to the binary image of the driver for the network device.
Syntax	DellString
Access	Read-only

Table 781. Network Device Driver Version Name

Name	networkDeviceDriverVersionName
Object ID	1.3.6.1.4.1.674.10892.1.1100.90.1.10
Description	Defines the version of the driver for the network device.
Syntax	DellString
Access	Read-only

Table 782. Network Device IP Address

Name	networkDeviceIPAddress
Object ID	1.3.6.1.4.1.674.10892.1.1100.90.1.11
Description	Defines the IP address of the network device.
Syntax	IpAddress
Access	Read-only

Table 783. Network Device IP Subnet Mask

Name	networkDeviceIPSubnetMask
Object ID	1.3.6.1.4.1.674.10892.1.1100.90.1.12
Description	Defines the IP subnet mask for the IP address currently assigned to the network device.
Syntax	IpAddress
Access	Read-only

Table 784. Network Device Default Gateway IP Address

Name	networkDeviceDefaultGatewayIPAddress
Object ID	1.3.6.1.4.1.674.10892.1.1100.90.1.13
Description	Defines the IP address of the default gateway for the network device.
Syntax	IpAddress

Access Read-only

Table 785. Network Device DHCP Server IP Address

Name networkDeviceDHCPServerIPAddress
Object ID 1.3.6.1.4.1.674.10892.1.1100.90.1.14
Description Defines the IP address of the DHCP server that was used to obtain the IP address of the network device if DHCP was used to configure the network device.
Syntax IpAddress
Access Read-only

Table 786. Network Device Current MAC Address

Name networkDeviceCurrentMACAddress
Object ID 1.3.6.1.4.1.674.10892.1.1100.90.1.15
Description Defines the current MAC address of the network device.
Syntax DellMACAddress
Access Read-only

Table 787. Network Device Permanent MAC Address

Name networkDevicePermanentMACAddress
Object ID 1.3.6.1.4.1.674.10892.1.1100.90.1.16
Description Defines the permanent MAC address of the network device.
Syntax DellMACAddress
Access Read-only

Table 788. Network Device PCI Bus Number

Name networkDevicePCIBusNumber
Object ID 1.3.6.1.4.1.674.10892.1.1100.90.1.17
Description Defines the PCI bus number of the network device.
Syntax DellUnsigned8BitRange
Access Read-only

Table 789. Network Device PCI Device Number

Name networkDevicePCIDeviceNumber
Object ID 1.3.6.1.4.1.674.10892.1.1100.90.1.18
Description Defines the PCI device number of the network device.
Syntax DellUnsigned8BitRange
Access Read-only

Table 790. Network Device PCI Function Number

Name	networkDevicePCIFunctionNumber
Object ID	1.3.6.1.4.1.674.10892.1.1100.90.1.19
Description	Defines the PCI function number of the network device.
Syntax	DellUnsigned8BitRange
Access	Read-only

Table 791. Network Device IRQ

Name	networkDeviceIRQ
Object ID	1.3.6.1.4.1.674.10892.1.1100.90.1.20
Description	Defines the interrupt request number of the network device.
Syntax	DellUnsigned32BitRange
Access	Read-only

Table 792. Network Device Base IO Port Address

Name	networkDeviceBaseIOPortAddress
Object ID	1.3.6.1.4.1.674.10892.1.1100.90.1.21
Description	Defines the base input/output port address of the network device.
Syntax	DellUnsigned32BitRange
Access	Read-only

Table 793. Network Device Teaming Flags

Name	networkDeviceTeamingFlags
Object ID	1.3.6.1.4.1.674.10892.1.1100.90.1.22
Description	Defines the teaming features of the network device.
Syntax	DellNetworkDeviceTeamingFlags (See Network Device Teaming Flags)
Access	Read-only

Table 794. Network Device TOE Capability Flags

Name	networkDeviceTOECapabilityFlags
Object ID	1.3.6.1.4.1.674.10892.1.1100.90.1.23
Description	Defines the TCP/IP Offload Engine (TOE) capability flags of the network device.
Syntax	DellNetworkDeviceTOECapabilityFlags (See Network Device TOE Capability Flags)
Access	Read-only

Table 795. Network Device TOE Enabled

Name	networkDeviceTOEEnabled
Object ID	1.3.6.1.4.1.674.10892.1.1100.90.1.24

Description	Defines if TOE is enabled for the network device.
Syntax	DellBoolean
Access	Read-only

Table 796. Network Device RDMA Capability Flags

Name	<code>networkDeviceRDMACapabilityFlags</code>
Object ID	1.3.6.1.4.1.674.10892.1.1100.90.1.25
Description	Defines the Remote Direct Memory Access (RDMA) capability flags of the network device.
Syntax	DellNetworkDeviceRDMACapabilityFlags (See Network Device RDMA Capability Flags)
Access	Read-only

Table 797. Network Device RDMA Enabled

Name	<code>networkDeviceRDMAEnabled</code>
Object ID	1.3.6.1.4.1.674.10892.1.1100.90.1.26
Description	Defines if RDMA is enabled for the network device.
Syntax	DellBoolean
Access	Read-only

Table 798. Network Device iSCSI Capability Flags

Name	<code>networkDeviceiSCSICapabilityFlags</code>
Object ID	1.3.6.1.4.1.674.10892.1.1100.90.1.27
Description	Defines the Internet Small Computer System Interface (iSCSI) capability flags of the network device.
Syntax	DellNetworkDeviceiSCSICapabilityFlags (See Network Device iSCSI Capability Flags)
Access	Read-only

Table 799. Network Device iSCSI Enabled

Name	<code>networkDeviceiSCSIEnabled</code>
Object ID	1.3.6.1.4.1.674.10892.1.1100.90.1.28
Description	Defines if iSCSI is enabled for the network device.
Syntax	DellBoolean
Access	Read-only

Managed System Services Device Table

Table 800. Managed System Services Device Table

Name	
Object ID	1.3.6.1.4.1.674.10892.1.1100.100
Description	Defines the Managed System Services Device Table.
Syntax	Sequence of ManagedSystemServicesDeviceTable
Access	Not accessible

Table 801. Managed System Services Device Table Entry

Name	managedSystemServicesDeviceTableEntry
Object ID	1.3.6.1.4.1.674.10892.1.1100.100.1
Description	Defines the managed system services device table entry.
Syntax	ManagedSystemServicesDeviceTableEntry
Access	Not accessible
Index	managedSystemServicesDeviceChassisIndex , managedSystemServicesDeviceIndex

Table 802. Managed System Services Device Chassis Index

Name	managedSystemServicesDeviceChassisIndex
Object ID	1.3.6.1.4.1.674.10892.1.1100.100.1.1
Description	Defines the index (one-based) of the chassis that contains the managed system services device.
Syntax	DellObjectRange
Access	Read-only

Table 803. Managed System Services Device Index

Name	managedSystemServicesDeviceIndex
Object ID	1.3.6.1.4.1.674.10892.1.1100.100.1.2
Description	Defines the index (one-based) of the managed system services device.
Syntax	DellObjectRange
Access	Read-only

Table 804. Managed System Services Device Status

Name	managedSystemServicesDeviceStatus
Object ID	1.3.6.1.4.1.674.10892.1.1100.100.1.3
Description	Defines the status of the managed system services device.

Syntax	DellStatus
Access	Read-only

Table 805. Managed System Services Device Type

Name	managedSystemServicesDeviceType
Object ID	1.3.6.1.4.1.674.10892.1.1100.100.1.4
Description	Defines the type of the managed system services device.
Syntax	DellManagedSystemServicesDeviceType (See Managed System Services Device Type)
Access	Read-only

Table 806. Managed System Services Device Storage Present

Name	managedSystemServicesDeviceStoragePresent
Object ID	1.3.6.1.4.1.674.10892.1.1100.100.1.5
Description	Defines whether storage is present on the managed system services device.
Syntax	DellBoolean
Access	Read-only

Table 807. Managed System Services Device Storage Size

Name	managedSystemServicesDeviceStorageSize
Object ID	1.3.6.1.4.1.674.10892.1.1100.100.1.6
Description	Defines the size in Megabytes (MB) of the storage present on the managed system services device.
Syntax	DellUnsigned32BitRange
Access	Read-only

SD Card Unit Table

Table 808. SD Card Unit Table

Name	sdCardUnitTable
Object ID	1.3.6.1.4.1.674.10892.1.1100.110
Description	Defines the SD Card Unit Table.
Syntax	SEQUENCE OF SdCardUnitTableEntry
Access	Not accessible

Table 809. SD Card Unit Table Entry

Name	sdCardUnitTableEntry
Object ID	1.3.6.1.4.1.674.10892.1.1100.110.1
Description	Defines the SD Card Unit Table Entry.

Syntax	SdCardUnitTableEntry
Access	Not accessible
Index	sdCardUnitChassisIndex , sdCardUnitIndex

Table 810. SD Card Unit Chassis Index

Name	sdCardUnitChassisIndex
Object ID	1.3.6.1.4.1.674.10892.1.1100.110.1.1
Description	Defines the index (one-based) of the chassis that contains the SD Card unit.
Syntax	DellObjectRange
Access	Read-only

Table 811. SD Card Unit Index

Name	sdCardUnitIndex
Object ID	1.3.6.1.4.1.674.10892.1.1100.110.1.2
Description	Defines the index (one-based) of the SD Card unit.
Syntax	DellObjectRange
Access	Read-only

Table 812. SD Card Unit State Capabilities

Name	sdCardUnitStateCapabilities
Object ID	1.3.6.1.4.1.674.10892.1.1100.110.1.3
Description	Defines the state capabilities of the SD Card unit.
Syntax	DellStateCapabilities
Access	Read-only

Table 813. SD Card Unit State Settings

Name	sdCardUnitStateSettings
Object ID	1.3.6.1.4.1.674.10892.1.1100.110.1.4
Description	Defines the state settings of the SD Card unit.
Syntax	DellStateSettings
Access	Read-only

Table 814. SD Card Unit Redundancy Status

Name	sdCardUnitRedundancyStatus
Object ID	1.3.6.1.4.1.674.10892.1.1100.110.1.5
Description	Defines the redundancy status of the SD Card unit.

Syntax	DellStatusRedundancy
Access	Read-only

Table 815. SD Card Unit Count For Redundancy

Name	sdCardUnitCountForRedundancy
Object ID	1.3.6.1.4.1.674.10892.1.1100.110.1.6
Description	Defines the total number of SD Card devices required for this SD Card unit to have full redundancy.
Syntax	DellObjectRange
Access	Read-only

Table 816. SD Card Unit Name

Name	sdCardUnitName
Object ID	1.3.6.1.4.1.674.10892.1.1100.110.1.7
Description	Defines the name of the SD Card unit.
Syntax	DellString
Access	Read-only

Table 817. SD Card Unit Status

Name	sdCardUnitStatus
Object ID	1.3.6.1.4.1.674.10892.1.1100.110.1.8
Description	Defines the status of the SD Card unit.
Syntax	DellStatus
Access	Read-only

SD Card Device Table

Table 818. SD Card Device Table

Name	sdCardDeviceTable
Object ID	1.3.6.1.4.1.674.10892.1.1100.112
Description	Defines the SD Card Device Table.
Syntax	SEQUENCE OF SdCardDeviceTableEntry
Access	Not accessible

Table 819. SD Card Device Table Entry

Name	sdCardDeviceTableEntry
Object ID	1.3.6.1.4.1.674.10892.1.1100.112.1
Description	Defines the SD Card Device Table Entry.
Syntax	SdCardDeviceTableEntry

Access	Not accessible
Index	sdCardDeviceChassisIndex , sdCardDeviceIndex

Table 820. SD Card Device Chassis Index

Name	sdCardDeviceChassisIndex
Object ID	1.3.6.1.4.1.674.10892.1.1100.112.1.1
Description	Defines the index (one-based) of the chassis that contains the SD Card device.
Syntax	DellObjectRange
Access	Read-only

Table 821. SD Card Device Index

Name	sdCardDeviceIndex
Object ID	1.3.6.1.4.1.674.10892.1.1100.112.1.2
Description	Defines the index (one-based) of the SD Card device.
Syntax	DellObjectRange
Access	Read-only

Table 822. SD Card Device Status

Name	sdCardDeviceStatus
Object ID	1.3.6.1.4.1.674.10892.1.1100.112.1.3
Description	Defines the status of the SD Card device.
Syntax	DellStatus
Access	Read-only

Table 823. SD Card Device Type

Name	sdCardDeviceType
Object ID	1.3.6.1.4.1.674.10892.1.1100.112.1.4
Description	Defines the type of the SD Card device.
Syntax	DellSDCardDeviceType
Access	Read-only

Table 824. SD Card Device Config Capabilities

Name	sdCardDeviceConfigCapabilities
Object ID	1.3.6.1.4.1.674.10892.1.1100.112.1.5
Description	Defines the configuration capabilities of the SD Card device.
Syntax	DellSDCardDeviceConfigCapabilities

Access Read-only

Table 825. SD Card Device Config Settings

Name sdCardDeviceConfigSettings
Object ID 1.3.6.1.4.1.674.10892.1.1100.112.1.6
Description Defines the configuration settings of the SD Card device.
Syntax DellSDCardDeviceConfigSettings
Access Read-only

Table 826. SD Card Device Location Name

Name sdCardDeviceLocationName
Object ID 1.3.6.1.4.1.674.10892.1.1100.112.1.7
Description Defines the location of the SD Card device.
Syntax DellString
Access Read-only

Table 827. SD Card Device Card Present

Name sdCardDeviceCardPresent
Object ID 1.3.6.1.4.1.674.10892.1.1100.112.1.8
Description Defines whether the SD Card is present for the SD Card device.
Syntax DellBoolean
Access Read-only

Table 828. SD Card Device Card State

Name sdCardDeviceCardState
Object ID 1.3.6.1.4.1.674.10892.1.1100.112.1.9
Description Defines the state of the SD Card.
Syntax DellSDCardDeviceCardState
Access Read-only

Table 829. SD Card Device Card Storage Size

Name sdCardDeviceCardStorageSize
Object ID 1.3.6.1.4.1.674.10892.1.1100.112.1.10
Description Defines the storage size in MB (megabytes) of the SD card for the SD Card device.
Syntax DellUnsigned32BitRange
Access Read-only

Table 830. SD Card Device Unit Index Reference

Name	sdCardDeviceUnitIndexReference
Object ID	1.3.6.1.4.1.674.10892.1.1100.112.1.11
Description	Defines the index to the associated SD Card unit if the SD Card device is part of a SD Card unit.
Syntax	DellObjectRange
Access	Read-only

Table 831. SD Card Device Card Available Storage Size

Name	sdCardDeviceCardAvailableStorageSize
Object ID	1.3.6.1.4.1.674.10892.1.1100.112.1.12
Description	Defines the available storage size in MB (megabytes) of the SD card for the SD card device.
Syntax	DellSigned32BitRange
Access	Read-only

Table 832. SD Card Device Card Licensed

Name	sdCardDeviceCardLicensed
Object ID	1.3.6.1.4.1.674.10892.1.1100.112.1.13
Description	Defines whether the SD card is licensed by the system vendor.
Syntax	DellSDCardDeviceCardLicensed
Access	Read-only

Device Group Variable Values

This section includes definitions for server administrator-specific variable values used in this section.

Table 833. Pointing Device Type

Variable Name: DellPointingDeviceType

Data Type: Integer

Possible Data Values	Meaning of Data Value
deviceTypeIsOther (1)	Device type is not one of the following:
deviceTypeIsUnknown (2)	Device type is unknown.
deviceTypeIsAMouse (3)	Device type is a mouse.
deviceTypeIsATrackBall (4)	Device type is a track ball.
deviceTypeIsATrackPoint (5)	Device type is a track point.
deviceTypeIsAGlidePoint (6)	Device type is a glide point.

deviceTypeIsATouch Pad(7) Device type is a touch pad.

Table 834. Processor Device Status State

Variable Name:DellProcessorDeviceStatusState


Data Type:Integer

Possible Data Values	Meaning of Data Value
other(1)	Processor device type is not one of the following:
unknown(2)	Device type is unknown.
enabled(3)	Device is enabled.
userDisabled(4)	Device is disabled by the user.
biosDisabled(5)	Device has its BIOS disabled.
idle(6)	Device is idle.

Table 835. Processor Device Status Reading

Variable Name:DellProcessorDeviceStatusReading

Data Type:Integer

 **NOTE:** These values are bit masks, so combination values are possible.

Possible Data Values	Meaning of Data Value
internalError(1)	The processor experienced an internal error
thermalTrip(2)	The processor experienced a thermal trip
configurationError(32)	The processor experienced a configuration error
processorPresent(128)	The processor is present
processorDisabled(256)	The processor is disabled
terminatorPresent(512)	The terminator is Present
processorThrottled(1024)	The processor is throttled

Table 836. Processor Device Type

Variable Name:DellProcessorDeviceType

Data Type:Integer

Possible Data Values	Meaning of Data Value
deviceTypeIsOther(1)	The processor device type is not one of the following values:
deviceTypeIsUnknown(2)	The processor device type is unknown.
deviceTypeIsCPU(3)	The processor device type is a central processing unit.

deviceTypeIsMathProcessor (4)	The processor device type is a math processor.
deviceTypeIsDSP (5)	The processor device type is a digital signal processor.
deviceTypeIsAVideoProcessor (6)	The processor device is a video processor.

Table 837. Processor Upgrade Information

Variable Name:DellProcessorUpgradeInformation

Data Type:Integer

Possible Data Values	Meaning of Data Value
deviceTypeIsOther (1)	The upgrade device type is not one of the following:
processorUpgradeIsUnknown (2)	Upgrade device type is unknown.
processorUpgradeIsByDaughterBoard (3)	Upgrade device is on a daughter board.
processorUpgradeIsByZIFSocket (4)	Upgrade device is in a zero insertion force (ZIF) socket.
processorUpgradeIsByReplacement (5)	Upgrade device is a replacement.
processorUpgradeIsNone (6)	There is no upgrade device.
processorUpgradeIsByLIFSocket (7)	Upgrade device is in a low insertion force (LIF) socket.
processorUpgradeIsBySlot1 (8)	Upgrade device is a SLOT 1 processor.
processorUpgradeIsBySlot2 (9)	Upgrade device is a SLOT 2 processor.
processorUpgradeIsBy370PinSocket (10)	Upgrade device is a 370 pin socket.
processorUpgradeIsBySlotA (11)	Upgrade is by Slot A.
processorUpgradeIsBySlotM (12)	Upgrade is by Slot M.
processorUpgradeIsBySocket423 (13)	Upgrade is by Socket 423.
processorUpgradeIsBySocketA (14)	Upgrade is by Socket A (Socket 462).
processorUpgradeIsBySocket478 (15)	Upgrade is by Socket 478.
processorUpgradeIsBySocket754 (16)	Upgrade is by Socket 754.
processorUpgradeIsBySocket940 (17)	Upgrade is by Socket 940.

processorUpgradeIsBySocket939 (18) Upgrade is by Socket 939.

processorUpgradeIsBySocketmPGA604 (19) Upgrade is by Socket mPGA604.

processorUpgradeIsBySocketLGA771 (20) Upgrade is by Socket LGA771.

processorUpgradeIsBySocketLGA775 (21) Upgrade is by Socket LGA775.

processorUpgradeIsBySocketS1 (22) Upgrade is by Socket S1.

processorUpgradeIsBySocketAM2 (23) Upgrade is by Socket AM2.

processorUpgradeIsBySocketF (24) Upgrade is by Socket F (1207).

processorUpgradeIsBySocketLGA1366 (25) Upgrade is by Socket LGA1366.

Table 838. Processor Device Family

Variable Name:DellProcessorDeviceFamily

Data Type:Integer

Possible Data Values	Meaning of Data Value
deviceFamilyIsOther (1)	The processor family is not one of the following values.
deviceFamilyUnknown (2)	The processor family is unknown.
deviceFamilyIs8086 (3)	The processor family is 8086.
deviceFamilyIs80286 (4)	The processor family is 80286.
deviceFamilyIs80386 (5)	The processor family is 80386.
deviceFamilyIs80486 (6)	The processor family is 80486.
deviceFamilyIS8087 (7)	The processor family is 8087.
deviceFamilyIs80287 (8)	The processor family is 80287.
deviceFamilyIs80387 (9)	The processor family is 80387.
deviceFamilyIs80487 (10)	The processor family is 80487.
deviceFamilyIsPentium (11)	The processor family is Intel Pentium.

deviceFamilyIsPentiumPro (12) The processor family is Pentium Pro.

deviceFamilyIsPentium2 (13) The processor family is Pentium II.

deviceFamilyIsPentiumMMX (14) The processor family is Pentium MMX.

deviceFamilyIsCeleron (15) The processor family is Celeron.

deviceFamilyIsXeon (16) The processor family is Xeon.

deviceFamilyIsPentium3 (17) The processor family is Pentium III.

deviceFamilyIsPentium3Xeon (18) The processor family is Pentium III Xeon.

deviceFamilyIsPentium3Step (19) The processor family is Pentium III Speed Step.

deviceFamilyIsPentiumItanium (20) The processor family is Itanium.

deviceFamilyIsIntelXeon (21) The processor family is Intel Xeon.

deviceFamilyIsPentium4 (22) The processor family is Pentium 4.

deviceFamilyIsIntelXeonMP (23) The processor family is Intel Xeon MP.

deviceFamilyIsIntelItanium2 (24) The processor family is Intel Itanium 2.

deviceFamilyIsK5 (25) The processor family is K5.

deviceFamilyIsK6 (26) The processor family is K6.

deviceFamilyIsK6-2 (27) The processor family is K6-2.

deviceFamilyIsK6-3 (28) The processor family is K6-3.

deviceFamilyIsAMDAthlon (29) The processor family is AMD Athlon.

deviceFamilyIsAMD2900 (30) The processor family is AMD2900.

deviceFamilyIsK6-2Plus (31) The processor family is K6-2+.

deviceFamilyIsPowerPC (32) The processor family is Power PC.

deviceFamilyIsPowerPC601 (33) The processor family is Power PC 601.

deviceFamilyIsPowerPC603 (34) The processor family is Power PC 603.

deviceFamilyIsPowerPC603Plus (35) The processor family is Power PC 603+.

deviceFamilyIsPowerPC604 (36) The processor family is Power PC 604.

deviceFamilyIsPowerPC620 (37) The processor family is Power PC 620.

deviceFamilyIsPowerPCx704 (38) The processor family is Power PC x704.

deviceFamilyIsPowerPC750 (39) The processor family is Power PC 750.

deviceFamilyIsIntelCoreDuo (40) The processor family is Intel Core Duo.

deviceFamilyIsIntelCoreDuoMobile (41) The processor family is Intel Core Duo mobile.

deviceFamilyIsIntelCoreSoloMobile (42) The processor family is Intel Core Solo mobile.

deviceFamilyIsIntelAtom (43) The processor family is Intel Atom.

deviceFamilyIsAlpha (48) The processor family is Alpha.

deviceFamilyIsAlpha21064 (49) The processor family is Alpha 21064.

deviceFamilyIsAlpha21066 (50) The processor family is Alpha 21066.

deviceFamilyIsAlpha21164 (51) The processor family is Alpha 21164.

deviceFamilyIsAlpha21164PC (52) The processor family is Alpha 21164PC.

deviceFamilyIsAlpha21164a (53) The processor family is Alpha 21164a.

deviceFamilyIsAlpha21264 (54) The processor family is Alpha 21264.

deviceFamilyIsAlpha21364 (55) The processor family is Alpha 21364.

deviceFamilyIsAMDTurionIIOltraDualMobileM (56) The processor family is AMD Turion II Ultra Dual-Core Mobile M Processor Family.

deviceFamilyIsAMDTurionIIDualMobileM (57) The processor family is AMD Turion II Dual-Core Mobile M Processor Family. .

deviceFamilyIsAMDAthlonIIDualMobileM (58) The processor family is AMD Athlon II Dual-Core Mobile M Processor Family.

deviceFamilyIsAMDOpteron6100 (59) The processor family is AMD Opteron 6100 Series Processor.

deviceFamilyIsAMDOpteron4100 (60) The processor family is AMD Opteron 4100 Series Processor.

deviceFamilyIsAMD
Opteron6200 (61) The processor family is AMD Opteron 6200 Series Processor.

deviceFamilyIsAMD
Opteron4200 (62) The processor family is AMD Opteron 4200 Series Processor.

deviceFamilyIsMIPS
S(64) The processor family is MIPS

deviceFamilyIsMIPS
SR4000(65) The processor family is MIPS R4000.

deviceFamilyIsMIPS
SR4200(66) The processor family is MIPS R4200.

deviceFamilyIsMIPS
SR4400(67) The processor family is MIPS R4400.

deviceFamilyIsMIPS
SR4600(68) The processor family is MIPS R4600.

deviceFamilyIsMIPS
SR10000(69) The processor family is MIPS R10000.

deviceFamilyIsSPARC
RC(80) The processor family is SPARC.

deviceFamilyIsSuperSPARC
(81) The processor family is SuperSPARC.

deviceFamilyIsmicroSPARC
II(82) The processor family is microSPARC II.

deviceFamilyIsmicroSPARC
IIep(83) The processor family is microSPARC IIep.

deviceFamilyIsUltraSPARC
(84) The processor family is UltraSPARC.

deviceFamilyIsUltraSPARC
II(85) The processor family is UltraSPARC II.

deviceFamilyIsUltraSPARC
III(86) The processor family is UltraSPARC III.

deviceFamilyIsUltraSPARC
III(87) The processor family is UltraSPARC III.

deviceFamilyIsUltraSPARC
IIIi(88) The processor family is UltraSPARC IIIi.

deviceFamilyIs68040
(96) The processor family is 68040 Family.

deviceFamilyIs68xx
(97) The processor family is 68xxx.

deviceFamilyIs6800
(98) The processor family is 6800.

deviceFamilyIs68010
(99) The processor family is 68010.

deviceFamilyIs68020
(100) The processor family is 68020.

deviceFamilyIs68030
(101) The processor family is 68030.

deviceFamilyIsHobbit (112) The processor family is Hobbit.

deviceFamilyIsCrusoe5000 (120) The processor family is Crusoe 5000.

deviceFamilyIsCrusoe3000 (121) The processor family is Crusoe 3000.

deviceFamilyIsEfficeon8000 (122) The processor family is Efficeon 8000.

deviceFamilyIsWeitek (128) The processor family is Weitek.

deviceFamilyIsIntelCeleronM (130) The processor family is Intel Celeron M.

deviceFamilyIsAMDAthlon64 (131) The processor family is AMD Athlon 64.

deviceFamilyIsAMDOpteron (132) The processor family is AMD Opteron.

deviceFamilyIsAMDSempron (133) The processor family is AMD Sempron.

deviceFamilyIsAMDTurion64Mobile (134) The processor family is AMD Turion 64 Mobile Technology.

deviceFamilyIsDualCoreAMDOpteron (135) The processor family is Dual-Core AMD Opteron.

deviceFamilyIsAMDAthlon64X2DualCore (136) The processor family is AMD Athlon 64 X2 Dual-Core.

deviceFamilyIsAMDTurion64X2Mobile (137) The processor family is AMD Turion 64 X2 Mobile Technology.

deviceFamilyIsQuadCoreAMDOpteron (138) The processor family is Quad-Core AMD Opteron.

deviceFamilyIsThirdGenerationAMDOpteron (139) The processor family is thirdgeneration AMD Opteron.

deviceFamilyIsAMDPhenomFXQuadCore (140) The processor family is AMD Phenom FX Quad-Core.

deviceFamilyIsAMDPhenomX4QuadCore (141) The processor family is AMD Phenom X4 Quad-Core.

deviceFamilyIsAMDPhenomX2DualCore (142) The processor family is AMD Phenom X2 Dual-Core.

deviceFamilyIsAMDAthlonX2DualCore (143) The processor family is AMD Athlon X2 Dual-Core.

deviceFamilyIsPARRISC (144) The processor family is PA-RISC.

deviceFamilyIsPA-RISC8500 (145) The processor family is PA-RISC 8500.

deviceFamilyIsPA-RISC8000 (146) The processor family is PA-RISC 8000.

deviceFamilyIsPARISC7300LC (147) The processor family is PA-RISC 7300LC.

deviceFamilyIsPA-RISC7200 (148) The processor family is PA-RISC 7200.

deviceFamilyIsPARISC7100LC (149) The processor family is PA-RISC 7100LC.

deviceFamilyIsPA-RISC7100 (150) The processor family is PA-RISC 7100.

deviceFamilyIsV30 (160) The processor family is V30.

deviceFamilyIsQuadCoreIntelXeon3200 (161) The processor family is Quad-Core Intel Xeon processor 3200 Series.

deviceFamilyIsDualCoreIntelXeon3000 (162) The processor family is Dual-Core Intel Xeon processor 3000 Series.

deviceFamilyIsQuadCoreIntelXeon5300 (163) The processor family is Quad-Core Intel Xeon processor 5300 Series.

deviceFamilyIsDualCoreIntelXeon5100 (164) The processor family is Dual-Core Intel Xeon processor 5100 Series.

deviceFamilyIsDualCoreIntelXeon5000 (165) The processor family is Dual-Core Intel Xeon processor 5000 Series.

deviceFamilyIsDualCoreIntelXeonLV (166) The processor family is Dual-Core Intel Xeon processor LV.

deviceFamilyIsDualCoreIntelXeonULV (167) The processor family is Dual-Core Intel Xeon processor ULV.

deviceFamilyIsDualCoreIntelXeon7100 (168) The processor family is Dual-Core Intel Xeon processor 7100 Series.

deviceFamilyIsQuadCoreIntelXeon5400 (169) The processor family is Quad-Core Intel Xeon processor 5400 Series.

deviceFamilyIsQuadCoreIntelXeon (170) The processor family is Quad-Core Intel Xeon.

deviceFamilyIsDualCoreIntelXeon5200 (171) The processor family is Dual-Core Intel Xeon processor 5200 Series.

deviceFamilyIsDualCoreIntelXeon7200 (172) The processor family is Dual-Core Intel Xeon processor 7200 Series.

deviceFamilyIsQuadCoreIntelXeon7300 (173) The processor family is Quad-Core Intel Xeon processor 7300 Series.

deviceFamilyIsQuadCoreIntelXeon7400 (174) The processor family is Quad-Core Intel Xeon processor 7400 Series.

deviceFamilyIsMultiCoreIntelXeon7400 (175) The processor family is Multi-Core Intel Xeon processor 7400 Series.

deviceFamilyIsM1 (176) The processor family is M1.

deviceFamilyIsM2 (177) The processor family is M2.

deviceFamilyIsIntelPentium4HT (179) The processor family is Intel Pentium 4 HT processor.

deviceFamilyIsAS400 (180) The processor family is AS400.

deviceFamilyIsAMDAthlonXP (182) The processor family is AMD Athlon XP.

deviceFamilyIsAMDAthlonMP (183) The processor family is AMD Athlon MP.

deviceFamilyIsAMDDuron (184) The processor family is AMD Duron.

deviceFamilyIsIntelPentiumM (185) The processor family is Intel Pentium M.

deviceFamilyIsIntelCeleronD (186) The processor family is Intel Celeron D.

deviceFamilyIsIntelPentiumD (187) The processor family is Intel Pentium D.

deviceFamilyIsIntelPentiumExtreme (188) The processor family is Intel Pentium Processor Extreme Edition.

deviceFamilyIsIntelCoreSolo (189) The processor family is Intel Core Solo processor.

deviceFamilyIsIntelCore2 (190) The processor family is Intel Core 2 processor.

deviceFamilyIsIntelCore2Duo (191) The processor family is Intel Core 2 Duo processor.

deviceFamilyIsIntelCore2Solo (192) The processor family is Intel Core2 Solo processor.

deviceFamilyIsIntelCore2Extreme (193) The processor family is Intel Core2 Extreme processor.

deviceFamilyIsIntelCore2Quad (194) The processor family is Intel Core2 Quad processor.

deviceFamilyIsIntelCore2ExtremeMobile (195) The processor family is Intel Core2 Extreme mobile processor.

deviceFamilyIsIntelCore2DuoMobile (196)	The processor family is Intel Core2 Duo mobile processor.
deviceFamilyIsIntelCore2SoloMobile (197)	The processor family is Intel Core2 Solo mobile processor.
deviceFamilyIsIntelCorei7 (198)	The processor family is Intel Core i7 processor.
deviceFamilyIsDualCoreIntelCeleron (199)	The processor family is Dual-Core Intel Celeron Processor.
deviceFamilyIsIBM390 (200)	The processor family is IBM390.
deviceFamilyIsG4 (201)	The processor family is G4.
deviceFamilyIsG5 (202)	The processor family is G5.
deviceFamilyIsESA390G6 (203)	The processor family is ESA/390 G6.
deviceFamilyIszArchitecture (204)	The processor family is z/Architectur base.
deviceFamilyIsIntelCorei5 (205)	The processor family is Intel Core i5 processor.
deviceFamilyIsIntelCorei3 (206)	The processor family is Intel Core i3 processor.
deviceFamilyIsVIAC7-M (210)	The processor family is VIA C7-M.
deviceFamilyIsVIAC7-D (211)	The processor family is family is VIA C7-D.
deviceFamilyIsVIAC7 (212)	The processor family is VIA C7.
deviceFamilyIsVIAEden (213)	The processor family is VIA Eden.
deviceFamilyIsMultiCoreIntelXeon (214)	The processor family is Multi-Core Intel Xeon processor.
deviceFamilyIsDualCoreIntelXeon3xxx (215)	The processor family is Dual-Core Intel Xeon processor 3xxx Series.
deviceFamilyIsQuadCoreIntelXeon3xxx (216)	The processor family is Quad-Core Intel Xeon processor 3xxx Series.
deviceFamilyIsVIANano (217)	The processor family is VIA Nano.
deviceFamilyIsDualCoreIntelXeon5xxx (218)	The processor family is Dual-Core Intel Xeon processor 5xxx Series.

deviceFamilyIsQuadCoreIntelXeon5xxx (219) The processor family is Quad-Core Intel Xeon processor 5xxx Series.

deviceFamilyIsDualCoreIntelXeon7xxx (221) The processor family is Dual-Core Intel Xeon processor 7xxx Series.

deviceFamilyIsQuadCoreIntelXeon7xxx (222) The processor family is Quad-Core Intel Xeon processor 7xxx Series.

deviceFamilyIsMultiCoreIntelXeon7xxx (223) The processor family is Multi-Core Intel Xeon processor 7xxx Series.

deviceFamilyIsMultiCoreIntelXeon3400 (224) The processor family is Multi-Core Intel Xeon processor 3400 Series.

deviceFamilyIsEmbeddedAMDOpteronQuadCore (230) The processor family is Embedded AMD Opteron Quad-Core.

deviceFamilyIsAMDPenomTripleCore (231) The processor family is AMD Phenom Triple-Core.

deviceFamilyIsAMDTurionUltraDualCoreMobile (232) The processor family is AMD Turion Ultra Dual-Core mobile processor.

deviceFamilyIsAMDTurionDualCoreMobile (233) The processor family is AMD Turion Dual-Core mobile processor.

deviceFamilyIsAMDAthlonDualCore (234) The processor family is AMD Athlon Dual-Core.

deviceFamilyIsAMDSempronSI (235) The processor family is AMD Sempron SI.

deviceFamilyIsAMDPenomII (236) The processor family is AMD Phenom II.

deviceFamilyIsAMDAthlonII (237) The processor family is AMD Athlon II.

deviceFamilyIsSixCoreAMDOpteron (238) The processor family is Six-Core AMD Opteron.

deviceFamilyIsAMDSempronM (239) The processor family is AMD Sempron M.

deviceFamilyIsi860 (250) The processor family is i860.

deviceFamilyIsi960 (251) The processor family is i960.

deviceFamilyIsAMDOpteron6200 (261) The processor family family is AMD Opteron 6200 Series Processor.

deviceFamilyIsAMDOpteron4200 (61) The processor family family is AMD Opteron 4200 Series Processor.

Table 839. Cache Device Type**Variable Name:**DellCacheDeviceType**Data Type:**Integer

Possible Data Values	Meaning of Data Value
deviceTypeIsOther(1)	System cache type is not one of the following:
deviceTypeIsUnknown(2)	System cache type is unknown.
deviceTypeIsInstruction(3)	System cache type is instruction.
deviceTypeIsData(4)	System cache type is data.
deviceTypeIsUnified(5)	System cache type is both instruction and data.

Table 840. Cache Device Level**Variable Name:**DellCacheDeviceLevel**Data Type:**Integer

Possible Data Values	Meaning of Data Value
deviceLevelIsOther(1)	Device level is not one of the following:
deviceLevelIsUnknown(2)	Device level is unknown.
deviceLevelIsPrimary(3)	Device level is primary.
deviceLevelIsSecondary(4)	Device level is secondary.
deviceLevelIsTertiary(5)	Device level is tertiary.

Table 841. Cache Device Write Policy**Variable Name:**DellCacheDeviceWritePolicy**Data Type:**Integer

Possible Data Values	Meaning of Data Value
deviceWritePolicyIsOther(1)	Device write policy is not one of the following:
deviceWritePolicyIsUnknown(2)	Device write policy is unknown.
deviceWritePolicyIsWriteBack(3)	Device write policy is write back.
deviceWritePolicyIsWriteThrough(4)	Device write policy is write through.
deviceWritePolicyIsVariesByAddresses(5)	Device write policy varies by address.

deviceWritePolicy IsDeterminedByIO(6) Device write policy is determined by I/O query.

Table 842. Cache Device Status State

Variable Name:DellCacheDeviceStatusState

Data Type:Integer

Possible Data Values	Meaning of Data Value
other (1)	Device state is not one of the following:
unknown (2)	Device state is unknown.
enabled (3)	Device is enabled.
userDisabled (4)	Device is disabled by the user.
biosDisabled (5)	Device basic input/output system (BIOS) is disabled.

Table 843. Cache Device ECC Type

Variable Name:DellPointingDeviceType

Data Type:Integer

Possible Data Values	Meaning of Data Value
deviceTypeIsOther (1)	Device type is not one of the following:
deviceTypeIsUnknown (2)	Device type is unknown.
deviceTypeIsAMouse (3)	Device type is a mouse.
deviceTypeIsATrackBall (4)	Device type is a track ball.
deviceTypeIsATrackPoint (5)	Device type is a track point.
deviceTypeIsAGlidePoint (6)	Device type is a glide point.
deviceTypeIsATouchPad (7)	Device type is a touch pad.

Table 844. Cache Device Associativity

Variable Name:DellCacheDeviceAssociativity

Data Type:Integer

Possible Data Values	Meaning of Data Value
deviceAssociativityIsOther (1)	Device associativity is not one of the following:
deviceAssociativityIsUnknown (2)	Device associativity is unknown.
deviceAssociativityIsDirectMapped (3)	Device is direct mapped.

deviceAssociativityIsTwoWaySetAssociative(4)	Device is two-way set associative.
deviceAssociativityIsFourWaySetAssociative(5)	Device is four-way set associative.
deviceAssociativityIsFullyAssociative(6)	Device is fully associative.
deviceAssociativityIsEightWaySetAssociative(7)	Device is eight-way set associative.
deviceAssociativityIsSixteenWaySetAssociative(8)	Device is sixteen-way set associative.
deviceAssociativityIs12WaySetAssociative(9)	Device is 12-way Set-Associative.
deviceAssociativityIs24WaySetAssociative(10)	Device is 24-way Set-Associative.
deviceAssociativityIs32WaySetAssociative(11)	Device is 32-way Set-Associative.
deviceAssociativityIs48WaySetAssociative(12)	Device is 48-way Set-Associative.
deviceAssociativityIs64WaySetAssociative(13)	Device is 64-way Set-Associative.

Table 845. Cache Device Location

Variable Name:DellCacheDeviceLocation

Data Type:Integer

Possible Data Values	Meaning of Data Value
deviceLocationIsOther(1)	Device location is not one of the following:
deviceLocationIsUnknown(2)	Device location is unknown.
deviceLocationIsInternal(3)	Device location is internal.
deviceLocationIsExternal(4)	Device location is external.

Table 846. Cache Device Static Random-Access Memory (SRAM) Type

Variable Name:DellCacheDeviceSRAMType

Data Type:Integer

Possible Data Values	Meaning of Data Value
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deviceSRAMTypeIsOther (1) Device SRAM type is not one of the following:

deviceSRAMTypeIsUnknown (2) Device SRAM type is unknown.

deviceSRAMTypeIsNonBurst (3) Device SRAM type is nonburst.

deviceSRAMTypeIsBurst (4) Device SRAM type is burst.

deviceSRAMTypeIsPipeBurst (5) Device SRAM type is pipeburst.

deviceSRAMTypeIsSynchronous (6) Device SRAM type is synchronous.

deviceSRAMTypeIsAsynchronous (7) Device SRAM type is asynchronous.

Table 847. Memory Device Type Form Factor

Variable Name:DellMemoryDeviceFormFactor

Data Type:Integer

Possible Data Values	Meaning of Data Value
deviceFormFactorIsOther (1)	Device form factor is not one of the following:
deviceFormFactorIsUnknown (2)	Device form factor is unknown.
deviceFormFactorIsSIMM (3)	Device form factor is SIMM.
deviceFormFactorIsSIP (4)	Device form factor is SIP.
deviceFormFactorIsAChip (5)	Device form factor is a chip.
deviceFormFactorIsDIP (6)	Device form factor is DIP.
deviceFormFactorIsZIP (7)	Device form factor is ZIP.
deviceFormFactorIsAProprietaryCard (8)	Device form factor is a proprietary card.
deviceFormFactorIsDIMM (9)	Device form factor is DIMM.
deviceFormFactorIsTSOP (10)	Device form factor is TSOP.
deviceFormFactorIsARowOfChips (11)	Device form factor is a row of chips.
deviceFormFactorIsRIMM (12)	Device form factor is RIMM.
deviceFormFactorIsSODIMM (13)	Device form factor is SODIMM.

deviceFormFactorIsSRIMM(14) Device form factor is SRIMM.

deviceFormFactorIsFBDIMM(15) Device form factor is FB-DIMM.

Table 848. Memory Device Type

Variable Name:DellMemoryDeviceType

Data Type:Integer

Possible Data Values	Meaning of Data Value
deviceTypeIsOther(1)	Device type is not one of the following:
deviceTypeIsUnknown(2)	Device type is unknown.
deviceTypeIsDRAM(3)	Device type is DRAM.
deviceTypeIsEDRAM(4)	Device type is EDRAM.
deviceTypeIsVRAM(5)	Device type is VRAM.
deviceTypeIsSRAM(6)	Device type is SRAM.
deviceTypeIsRAM(7)	Device type is RAM.
deviceTypeIsROM(8)	Device type is ROM.
deviceTypeIsFLASH(9)	Device type is FLASH.
deviceTypeIsEEPROM(10)	Device type is EEPROM.
deviceTypeIsFEPRM(11)	Device type is FEPRM.
deviceTypeIsEPROM(12)	Device type is EPROM.
deviceTypeIsCDRAM(13)	Device type is CDRAM.
deviceTypeIs3DRAM(14)	Device type is 3DRAM.
deviceTypeIsSDRAM(15)	Device type is SDRAM.
deviceTypeIsSGRAM(16)	Device type is SGRAM.
deviceTypeIsRDRAM(17)	Device type is RDRAM.
deviceTypeIsDDR(18)	Device type is DDR.
deviceTypeIsDDR2(19)	Device type is DDR2.

deviceTypeIsDDR2FBDIMM(20) Device type is DDR2 FB-DIMM.

deviceTypeIsDDR3(24) Device type is DDR3.

deviceTypeIsFBD2(25) Device type is FBD2.

Table 849. Memory Device Type Details

Variable Name:DellMemoryDeviceTypeDetails

Data Type:Integer

Possible Data Values	Meaning of Data Value
deviceTypeDetailsOther(2)	The detailed device type is not one of the following:
deviceTypeDetailsUnknown(4)	The detailed device type is unknown.
deviceTypeDetailsFastPaged(8)	The detailed device type is fast paged.
deviceTypeDetailsStaticColumn(16)	The detailed device type is static column.
deviceTypeDetailsPseudoStatic(32)	The detailed device type is pseudo-static.
deviceTypeDetailsRAMBUS(64)	The detailed device type is RAMBUS.
deviceTypeDetailsSynchronous(128)	The detailed device type is synchronous.
deviceTypeDetailssCMOS(256)	The detailed device type is CMOS.
deviceTypeDetailssEDO(512)	The detailed device type is EDO.
deviceTypeDetailssWindowDRAM(1024)	The detailed device type is Window DRAM.
deviceTypeDetailssCacheDRAM(2048)	The detailed device type is Cache DRAM.
deviceTypeDetailssNonVolatile(4096)	The detailed device type is Non-volatile.
deviceTypeDetailssRegistered(8192)	The detailed device type is registered.
deviceTypeDetailssNonRegistered(16384)	The detailed device type is nonregistered.

Table 850. Generic Device Type

Variable Name:DellGenericDeviceType


Data Type:Integer

Possible Data Values	Meaning of Data Value
deviceTypeIsOther(1)	Device type is not one of the following:
deviceTypeIsUnknown(2)	Device type is unknown.
deviceTypeIsAVideoDevice(3)	Device type is a video.
deviceTypeIsASCSIController(4)	Device type is a SCSI controller.
deviceTypeIsAnEthernetDevice(5)	Device type is Ethernet.
deviceTypeIsTokenRingDevice(6)	Device type is token ring.
deviceTypeIsASoundDevice(7)	Device type is sound.

Table 851. Memory Device Failure Modes

Variable Name:DellMemoryDeviceFailureModes

Data Type:Integer

 **NOTE:** These values are bit masks, so combination values are possible.

Possible Data Values	Meaning of Data Value
(0)	Memory device has no faults.
eccSingleBitCorrectionWarningRate(1)	Memory device has exceeded the Correctable Memory Event warning rate.
eccSingleBitCorrectionFailureRate(2)	Memory device has exceeded the Correctable Memory Event failure rate.
eccMultiBitFault(4)	Memory device has encountered an Uncorrectable Memory Event.
eccSingleBitCorrectionLoggingDisabled(8)	Correctable Memory Event logging for memory device has been disabled.
deviceDisabledBySpareActivation(16)	Memory device is disabled because of spare memory activation.

Table 852. Network Device Connection Status

Variable Name:DellNetworkDeviceConnectionStatus

Data Type:Integer


Possible Data Values	Meaning of Data Value
unknown(0)	Unable to determine connection status.

connected(1)	Media reports that device is connected.
disconnected(2)	Media reports that device is disconnected.
driverBad(3)	Driver cannot be opened to determine status.
driverDisabled(4)	Driver is disabled.
hardwareInitializing(10)	Hardware is initializing.
hardwareResetting(11)	Hardware is resetting.
hardwareClosing(12)	Hardware is closing down.
hardwareNotReady(13)	Hardware is not ready.

Table 853. Network Device Teaming Flags

Variable Name:DellNetworkDeviceTeamingFlags

Data Type:Integer


 **NOTE:** These values are bit fields, so combination values are possible.

Possible Data Values	Meaning of Data Value
undefined(0)	Teaming flags are undefined.
noTeam(1)	Device is not part of any team.
teamingEnabled(2)	Teaming is enabled.
adapterFaultToleranceMode(4)	Adapter fault tolerance teaming mode.
loadBalancingMode(8)	Load balancing teaming mode.

Table 854. Network Device TOE Capability Flags

Variable Name:DellNetworkDeviceTOECapabilityFlags

Data Type:Integer


 **NOTE:** These values are bit fields, so combination values are possible.

Possible Data Values	Meaning of Data Value
none(0)	Querying for TOE capability is not supported.
unknown(1)	Querying for TOE capability is supported but query returned an error.
available(2)	Device has TOE capability.
notAvailable(4)	Device does not have TOE capability.
cannotBeDetermined(8)	Querying for TOE capability is supported but an error prevented querying.
driverNotResponding(16)	Querying for TOE capability is supported but driver did not respond to query.

Table 855. Network Device RDMA Capability Flags

Variable Name:DellNetworkDeviceRDMACapabilityFlags

Data Type:Integer


 **NOTE:** These values are bit fields, so combination values are possible.

Possible Data Values	Meaning of Data Value
none (0)	Querying for RDMA capability is not supported.
unknown (1)	Querying for RDMA capability is supported but query returned an error.
available (2)	Device has RDMA capability.
notAvailable (4)	Device does not have RDMA capability.
cannotBeDetermined (8)	Querying for RDMA capability is supported but an error prevented querying.
driverNotResponding (16)	Querying for RDMA capability is supported but driver did not respond to query.

Table 856. Network Device iSCSI Capability Flags

Variable Name:DellNetworkDeviceiSCSICapabilityFlags

Data Type:Integer

 **NOTE:** These values are bit fields, so combination values are possible.

Possible Data Values	Meaning of Data Value
none (0)	Querying for iSCSI capability is not supported.
unknown (1)	Querying for iSCSI capability is supported but query returned an error.
available (2)	Device has iSCSI capability.
notAvailable (4)	Device does not have iSCSI capability.
cannotBeDetermined (8)	Querying for iSCSI capability is supported but an error prevented querying.
driverNotResponding (16)	Querying for iSCSI capability is supported but driver did not respond to query.

Table 857. Managed System Services Device Type

Variable Name:DellManagedSystemServicesDeviceType

Data Type:Integer

Possible Data Values	Meaning of Data Value
baseDevice (0)	Device type is base device.
optionalDevice (1)	Device type is optional device.

Table 858. SD Card Device Type

Variable Name:DellSDCardDeviceType


Data Type:Integer

Possible Data Values	Meaning of Data Value
other (1)	Device type is other.
unknown (2)	Device type is unknown.
hypervisor (3)	Device type is Hypervisor.
vFlash (4)	Device type is Virtual Flash (vFlash.)

Table 859. SD Card Device Config Capabilities

Variable Name:DellSDCardDeviceConfigCapabilities

Data Type:Integer


 **NOTE:** These values are bit fields, so combination values are possible.

Possible Data Values	Meaning of Data Value
none (0)	SD card device has none of the following capabilities.
sdCapable (1)	SD media can be enabled.
vFlashCapable (2)	Virtual Flash (vFlash) can be enabled.

Table 860. SD Card Device Config Settings

Variable Name:DellSDCardDeviceConfigSettings

Data Type:Integer

 **NOTE:** These values are bit fields, so combination values are possible.

Possible Data Values	Meaning of Data Value
none (0)	SD card device has none of the following settings.
sdEnabled (1)	SD media is enabled.
vFlashEnabled (2)	Virtual Flash (vFlash) is enabled.

Table 861. SD Card Device Card State

Variable Name:DellSDCardDeviceCardState

Data Type:Integer

Possible Data Values	Meaning of Data Value
none (0)	SD card state is none of the following states.
present (1)	Device is present.
ipmiReady (2)	Device is IPMI ready.
fullReady (4)	Device is full ready.
offline (8)	Device is offline.
failed (16)	Device is failed.
active (32)	Device is active.
bootable (64)	Device is bootable.
writeProtect (128)	Device is write-protected.

standby (256) Device is in standby mode.

Table 862. SD Card Device Card Licensed

Variable Name:DellSDCardDeviceCardLicensed

Data Type:Integer

Possible Data Values	Meaning of Data Value
unlicensed (0)	SD card is not licensed by system vendor.
licensed (1)	SD card is licensed by system vendor.
ipmiReady (2)	Device is IPMI ready.
fullReady (4)	Device is full ready.
offline (8)	Device is offline.
failed (16)	Device is failed.
active (32)	Device is active.
bootable (64)	Device is bootable.
writeProtect (128)	Device is write-protected.
standby (256)	Device is in standby mode.

Slot Group

The Slot Group provides information about the types of slots that your system supports. This management information base (MIB) group also provides information about the voltages, capabilities, states, and settings that are possible for these slots.

System Slot Group Table

The System Slot Group defines objects in the System Slot MIB table.

The following object sets up the System Slot Table:

Table 863. System Slot Table

Name	<code>systemSlotTable</code>
Object ID	<code>1.3.6.1.4.1.674.10892.1.1200.10</code>
Description	Defines the System Slot Table.
Syntax	<code>IntegerSystemStateTableEntry</code>
Access	Not accessible

Table 864. System Slot Table Entry

Name	<code>systemSlotTableEntry</code>
Object ID	<code>1.3.6.1.4.1.674.10892.1.1200.10.1</code>
Description	Defines the System Slot Table entry.
Syntax	<code>IntegerSystemSlotTableEntry</code>
Access	Not accessible
Index	<code>systemSlotchassisIndex</code> , <code>systemSlotIndex</code>

Table 865. System Slot Chassis Index

Name	<code>systemSlotchassisIndex</code>
Object ID	<code>1.3.6.1.4.1.674.10892.1.1200.10.1.1</code>
Description	Defines the index (one-based) of this chassis.
Syntax	<code>DellObjectRange</code>
Access	Read-only

Table 866. System Slot Index

Name	systemSlotIndex
Object ID	1.3.6.1.4.1.674.10892.1.1200.10.1.2
Description	Defines the index (one-based) of the system slot in this chassis.
Syntax	DellObjectRange
Access	Read-only

Table 867. System Slot State Capabilities Unique

Name	systemSlotStateCapabilitiesUnique
Object ID	1.3.6.1.4.1.674.10892.1.1200.10.1.3
Description	Defines the capabilities of the system slot.
Syntax	DellSystemSlotStateCapabilities (System Slot State Capabilities)
Access	Read-only

Table 868. System Slot State Settings Unique

Name	systemSlotStateSettingsUnique
Object ID	1.3.6.1.4.1.674.10892.1.1200.10.1.4
Description	Defines the state of the system slot.
Syntax	DellSystemSlotStateSettings (System Slot State Settings)
Access	Read-only

Table 869. System Slot Status

Name	systemSlotStatus
Object ID	1.3.6.1.4.1.674.10892.1.1200.10.1.5
Description	Defines the status of the system slot.
Syntax	DellStatus
Access	Read-only

Table 870. System Slot Current Usage

Name	systemSlotCurrentUsage
Object ID	1.3.6.1.4.1.674.10892.1.1200.10.1.6
Description	Defines the current usage of the system slot.
Syntax	DellStatus
Access	Read-only

Table 871. System Slot Type

Name	systemSlotType
Object ID	1.3.6.1.4.1.674.10892.1.1200.10.1.7
Description	Defines the type of the system slot.
Syntax	DellSystemSlotType (System Slot Type)
Access	Read-only

Table 872. System Slot External Slot Name

Name	systemSlotSlotExternalSlotName
Object ID	1.3.6.1.4.1.674.10892.1.1200.10.1.8
Description	Defines the external connector name of the system slot.
Syntax	DellString
Access	Read-only

Table 873. System Slot Length

Name	systemSlotLength
Object ID	1.3.6.1.4.1.674.10892.1.1200.10.1.9
Description	Defines the length of the system slot.
Syntax	DellSystemSlotLength (System Slot Length)
Access	Read-only

Table 874. System Slot Slot ID

Name	systemSlotSlotID
Object ID	1.3.6.1.4.1.674.10892.1.1200.10.1.10
Description	Defines the slot identification number of the system slot. A zero (0) indicates that the slot is embedded on the motherboard.
Syntax	DellUnsigned32BitRange
Access	Read-only

Table 875. System Slot Category

Name	systemSlotCategory
Object ID	1.3.6.1.4.1.674.10892.1.1200.10.1.11
Description	Defines the system slot category.
Syntax	DellUnsigned32BitRange
Access	Read-only

Table 876. System Slot Hot-Plug Bus Width

Name	systemSlotHotPlugBusWidth
Object ID	1.3.6.1.4.1.674.10892.1.1200.10.1.12
Description	Defines the bus width of the hot-plug system slot.
Syntax	DellSystemSlotHotPlugBusWidth (Hot-Plug Bus Width)
Access	Read-only

Table 877. System Slot Hot-Plug Slot Speed

Name	systemSlotHotPlugSlotSpeed
Object ID	1.3.6.1.4.1.674.10892.1.1200.10.1.13
Description	Defines the slot speed in megahertz of the hot-plug system slot. A zero (0) indicates that the slot speed is unknown.
Syntax	DellUnsigned32BitRange
Access	Read-only

Table 878. System Slot Hot-Plug Adapter Speed

Name	systemSlotHotPlugAdapterSpeed
Object ID	1.3.6.1.4.1.674.10892.1.1200.10.1.14
Description	Defines the adapter speed in megahertz of the hot-plug system slot. A zero (0) indicates that the slot speed is unknown.
Syntax	DellUnsigned32BitRange
Access	Read-only

System Slot Variable Values

This section includes definitions for server administrator-specific variable values used in this section.

Table 879. System Slot State Capabilities

Variable Name: DellSystemSlotStateCapabilities

Data Type: Integer

Possible Data Values	Meaning of Data Value
systemSlotHotPlugIsUnknown (1)	The system slot's capabilities are unknown.
systemSlotHotPlugIsHotPlugCapable(2)	The system slot supports hot-plug.
systemSlotHotPlugCanBePoweredOn(4)	The system slot power (and corresponding light-emitting diode [LED]) can be powered on.
systemSlotHotPlugCanSignalAttention(8)	The system slot attention state (and corresponding LED) can be set.

<code>systemSlotHotPlugCanSignalPowerFault (16)</code>	Power on fault (and corresponding LED) can be detected due to a short or overcurrent.
<code>systemSlotHotPlugCanSignalAdapterPresent (32)</code>	Adapter (card) present in slot (may not be powered) can be detected.
<code>systemSlotHotPlugCanSignalPowerButtonPressed (64)</code>	The system slot power button can be pressed to signal a toggle of the power state.
<code>canSupportAllHotPlugCapabilities (126)</code>	The system slot can support all hot-plug capabilities.
<code>systemSlotHotPlugIsUnknown (1)</code>	The system slot's capabilities are unknown.
<code>systemSlotCanProvide5Volts (128)</code>	The system slot can provide a 5-volt (V) supply.
<code>systemSlotCanProvide3Point3Volts (256)</code>	The system slot can provide a 3.3-V supply.
<code>systemSlotCanSignalIfShared (512)</code>	The system slot's opening, if shared with another slot, can be detected.
<code>systemSlotCanSupportCard16 (1024)</code>	The system slot can support PC Card-16.
<code>systemSlotCanSupportCardBus (2048)</code>	The system slot can support CardBus.
<code>systemSlotCanSupportZoomVideo (4096)</code>	The system slot can support Zoom Video.
<code>systemSlotCanSupportModemRingResume (8192)</code>	The system slot can support modem ring resume.
<code>systemSlotCanSupportPMESignal (16384)</code>	The system slot can support Power Management Enable (PME#) signal.
<code>canSupportAllSlotCapabilities (32640)</code>	The system slot can support all slot capabilities.

Table 880. System Slot State Settings

Variable Name: `DellSystemSlotStateSettings`

Data Type: Integer

Possible Data Values

<code>systemSlotHotPlugIsUnknown (1)</code>
<code>systemSlotHotPlugIsHotPluggable (2)</code>
<code>systemSlotHotPlugIsPoweredOn (4)</code>
<code>systemSlotHotPlugIsAtAttention (8)</code>
<code>systemSlotHotPlugIsHotPluggable (2)</code>
<code>systemSlotHotPlugIsPoweredOn (4)</code>
<code>systemSlotHotPlugIsAtAttention (8)</code>
<code>systemSlotHotPlugHasPowerFaulted (16)</code>

Meaning of Data Value

The system slot's capabilities are unknown.
The system slot supports hot-plug.
The system slot power (and corresponding LED) can be powered on.
The system slot attention state (and corresponding LED) can be set.
The system slot supports hot-plug.
The system slot power (and corresponding LED) is on.
The system slot attention state (and corresponding LED) is on.
Power on fault (and corresponding LED) was detected due to a short or overcurrent.

<code>systemSlotHotPlugAdapterIsPresent (32)</code>	Adapter (card) present in slot (may not be powered).
<code>systemSlotHotPlugAdapterPresentAndPoweredOn (36)</code>	Adapter (card) present in slot and powered.
<code>systemSlotHotPlugPowerButtonPressed (64)</code>	The system slot power button pressed to signal a toggle of the power state.
<code>systemSlotProvides5Volts (128)</code>	The system slot provides a 5-V supply.
<code>systemSlotProvides3Point3Volts (256)</code>	The system slot provides a 3.3-V supply.
<code>systemSlotIsShared (512)</code>	The slot's opening is shared with another slot.
<code>systemSlotSupportsCard16 (1024)</code>	The system slot supports PC Card-16.
<code>systemSlotSupportsCardBus (2048)</code>	The system slot supports CardBus.
<code>systemSlotSupportsZoomVideo (4096)</code>	The system slot supports zoom video.
<code>systemSlotSupportsModemRingResume (8192)</code>	The system slot supports modem ring resume.
<code>systemSlotSupportsPMESignal (16384)</code>	The system slot supports power management enable (PME#) signal.
<code>supportsPMEand3P3Vand5VandHotPluggable (16770)</code>	The system slot supports power management enable.
<code>supportsPMEand3P3Vand5VhasAdapterOn (16804)</code>	The system slot supports power management event (PME), supplies 3.3 V, and supplies 5 V. The adapter is on.
<code>supportsPMEand3P3Vand5VhasAdapterOnandisHotPluggable (16806)</code>	The system slot supports PME, supplies 3.3 V, and supplies 5 V. The adapter is on and the system slot is hot pluggable.
<code>supportsPMEand3P3VIsSharedand5VhasAdapterOnandisHotPluggable (17316)</code>	The system slot supports PME, supplies 3.3 V, supplies 5 V, and shares a slot opening. The adapter is on and the system slot is hot pluggable.

Table 881. System Slot Type

Variable Name: `DellSystemSlotType`

Data Type: Integer

Possible Data Values

`systemSlotIsOther (1)`

`systemSlotIsUnknown (2)`

`systemSlotIsISA (3)`

`systemSlotIsMCA (4)`

`systemSlotIsEISA (5)`

`systemSlotIsPCI (6)`

Meaning of Data Value

The system slot type is not one of following:

The system slot type is unknown.

The system slot is Industry Standard Architecture (ISA).

The system slot is Micro Channel Architecture (MCA).

The system slot is Extended Industry Standard Architecture (EISA).

The system slot is Peripheral Component Interconnect (PCI).

systemSlotIsPCMCIA (7)	The system slot is compliant with the Personal Computer Memory Card International Association (PCMCIA) standards
systemSlotIsVLVESAS (8)	The system slot is Very Low Voltage Enterprise System Architecture (VLVESAS).
systemSlotIsProprietary (9)	The system slot is proprietary.
systemSlotIsProcessorCard (10)	The system slot is a processor card.
systemSlotIsProprietaryMemory (11)	The system slot is proprietary memory.
systemSlotIsIORiserCard (12)	The system slot is an I/O riser card.
systemSlotIsNuBUS (13)	The system slot is a NuBus.
systemSlotIsPCI66MHz (14)	The system slot is a PCI66MHz.
systemSlotIsAGP (15)	The system slot is an Advanced Graphics Port (AGP).
systemSlotIsAGP2X (16)	The system slot is an AGP 2x card.
systemSlotIsAGP4X (17)	The system slot is an AGP 4x card.
systemSlotIsPC98C20 (18)	The system slot is a PC-98/C20.
systemSlotIsPC98C24 (19)	The system slot is a PC-98/C24.
systemSlotIsPC98E (20)	The system slot type is PC-98/E.
systemSlotIsPC98LocalBus (21)	The system slot type is a PC-98 local bus.
systemSlotIsPC98Card (22)	The system slot type is a PC-98 card.
systemSlotIsPCIX (23)	The system slot type is a PCIX card.
systemSlotIsPCIExpress (24)	The system slot type is a PCI Express card.
systemSlotIsAGP8X (25)	The system slot type is an AGP 8x card.
systemSlotIsPCIExpressX1 (166)	The system slot type is a PCI Express x1.
systemSlotIsPCIExpressX2 (167)	The system slot type is a PCI Express x2.
systemSlotIsPCIExpressX4 (168)	The system slot type is a PCI Express x4.
systemSlotIsPCIExpressX8 (169)	The system slot type is a PCI Express x8.
systemSlotIsPCIExpressX16 (170)	The system slot type is a PCI Express x16.
systemSlotIsPCIExpressGen2 (171)	The system slot type is PCI Express Gen 2.
systemSlotIsPCIExpressGen2X1 (172)	The system slot type is PCI Express Gen 2 x1.
systemSlotIsPCIExpressGen2X2 (173)	The system slot type is PCI Express Gen 2 x2
systemSlotIsPCIExpressGen2X4 (174)	The system slot type is PCI Express Gen 2 x4.
systemSlotIsPCIExpressGen2X8 (175)	The system slot type is PCI Express Gen 2 x8.
systemSlotIsPCIExpressGen2X16 (176)	The system slot type is PCI Express Gen 2 x16.

Table 882. System Slot Usage

Variable Name: DellSystemSlotUsage

Data Type: Integer

Possible Data Values

systemSlotUsagelsOther(1)
systemSlotUsagelsUnknown(2)
systemSlotUsagelsAvailable(3)
systemSlotUsagelsInUse(4)

Meaning of Data Value

The system slot usage is not one of following:
The system slot usage is unknown.
The system slot is available.
The system slot is in use.

Table 883. System Slot Length

Variable Name: DellSystemSlotLength

Data Type: Integer

Possible Data Values

systemSlotLengthsOther(1)
systemSlotLengthsUnknown(2)
systemSlotLengthsShort(3)
systemSlotLengthsLong(4)

Meaning of Data Value

The system slot length is not one of following:
The system slot length is unknown.
The system slot length is short.
The system slot length is long.

Table 884. System Slot Category

Variable Name: DellSystemSlotCategory

Data Type: Integer

Possible Data Values

systemSlotCategoryIsOther(1)
systemSlotCategoryIsUnknown(2)
systemSlotCategoryIsBusConnector(3)
systemSlotCategoryIsPCMCIA(4)
systemSlotCategoryIsMotherboard(5)

Meaning of Data Value

The system slot category is not one of following:
The system slot category is unknown.
The system slot is a bus connector.
The system slot category is PCMCIA.
The system slot is a motherboard.

Table 885. Hot-Plug Bus Width

Variable Name: DellSystemSlotHotPlugBusWidth

Data Type: Integer


Possible Data Values


busWidthIsOther(1)
busWidthIsUnknown(2)
busWidthIs8bits(3)

Meaning of Data Value

The system slot bus width is not one of following:
The system slot bus width is unknown.
The system slot bus width is 8 bits.

busWidthIs16bits(4)	The system slot bus width is 16 bits.
busWidthIs32bits(5)	The system slot bus width is 32 bits.
busWidthIs64bits(6)	The system slot bus width is 64 bits.
busWidthIs128bits(7)	The system slot bus width is 128 bits.
busWidthIs1x0rx1(8)	The system slot bus width is 1x or x1.
busWidthIs2x0rx2(9)	The system slot bus width is 2x or x2.
busWidthIs4x0rx4(10)	The system slot bus width is 4x or x4.
busWidthIs8x0rx8(11)	The system slot bus width is 8x or x8.
busWidthIs12x0rx12(12)	The system slot bus width is 12x or x12.
busWidthIs16x0rx16(13)	The system slot bus width is 16x or x16.
busWidthIs32x0rx32(14)	The system slot bus width is 32x or x32.

 **NOTE:** System slot bus width of type n bits are for parallel buses such as PCI.

 **NOTE:** System slot bus width of type nx or xn are for serial buses such as PCI Express.

Memory Group

The Memory Group provides information about the physical memory in your system. Variables in this group include error correction type, location, and different types of memory use, such as cache, flash, system, video, and nonvolatile memory.

Physical Memory Tables

The following management information base (MIB) tables define the objects in the Memory Group:

- [Physical Memory Array Table](#)
- [Physical Memory Array Mapped Table](#)
- [Physical Memory Configuration Table](#)
- [Physical Memory Logging Table](#)
- [Redundant Memory Unit Table](#)
- [Physical Memory Card Table](#)

Physical Memory Array Table

The physical memory array is the entire physical memory of a system. The example that follows shows variable values for a system that has one 128-megabyte (MB) dual in-line memory module (DIMM):

- `physicalMemoryArrayMaximumSize` = 2,097,152 kilobytes (KB) or 2 gigabytes (GB)
- `physicalMemoryArrayTotalNumberSockets` = 4 (the example system has four DIMM slots on the motherboard)
- `physicalMemoryArrayInUseNumberSockets` = 1 (there is only one DIMM installed)

The Rank of the DIMM are :

- **0** — Unknown
- **1** — Single
- **2** — Dual
- **4** — Quad
- **8** — Octal
- **16** — Hexa

The following object sets up the Physical Memory Array Table:

Table 886. Physical Memory Array Table

Name	<code>physicalMemoryArrayTable</code>
Object ID	1.3.6.1.4.1.674.10892.1.1300.10
Description	Defines the Physical Memory Array Table.

Syntax	PhysicalMemoryArrayTableEntry
Access	Not accessible

Table 887. Physical Memory Array Table Entry

Name	physicalMemoryArrayTableEntry
Object ID	1.3.6.1.4.1.674.10892.1.1300.10.1
Description	Defines the Physical Memory Array Table entry.
Syntax	PhysicalMemoryArrayTableEntry
Access	Not accessible
Index	physicalMemoryArraychassisIndex , physicalMemoryArrayIndex

Table 888. Physical Memory Array Chassis Index

Name	physicalMemoryArraychassisIndex
Object ID	1.3.6.1.4.1.674.10892.1.1300.10.1.1
Description	Defines the index (one-based) of this chassis.
Syntax	DellObjectRange
Access	Read-only

Table 889. Physical Memory Array Index

Name	physicalMemoryArrayIndex
Object ID	1.3.6.1.4.1.674.10892.1.1300.10.1.2
Description	Defines the index (one-based) of the physical memory array in this chassis.
Syntax	DellObjectRange
Access	Read-only

Table 890. Physical Memory Array State Capabilities

Name	physicalMemoryArrayStateCapabilities
Object ID	1.3.6.1.4.1.674.10892.1.1300.10.1.3
Description	Defines the capabilities of the physical memory array.
Syntax	DellStateCapabilities
Access	Read-only

Table 891. Physical Memory Array State Settings

Name	physicalMemoryArrayStateSettings
Object ID	1.3.6.1.4.1.674.10892.1.1300.10.1.4
Description	Defines the state of the physical memory array.
Syntax	DellStateSettings
Access	read-write

Table 892. Physical Memory Array Status

Name	physicalMemoryArrayStatus
Object ID	1.3.6.1.4.1.674.10892.1.1300.10.1.5
Description	Defines the status of the physical memory array.
Syntax	DellStatus
Access	Read-only

Table 893. Physical Memory Array Use

Name	physicalMemoryArrayUse
Object ID	1.3.6.1.4.1.674.10892.1.1300.10.1.6
Description	Defines the use of the physical memory array.
Syntax	DellPhysicalMemoryArrayUse (See Physical Memory Array ECC Type Definitions)
Access	Read-only

Table 894. Physical Memory Array Error Checking and Correcting (ECC) Type

Name	physicalMemoryArrayECCType
Object ID	1.3.6.1.4.1.674.10892.1.1300.10.1.7
Description	Defines the ECC type used by the physical memory array.
Syntax	DellPhysicalMemoryArrayECCType (See Physical Memory Array ECC Type Definitions)
Access	Read-only

Table 895. Physical Memory Array Location

Name	physicalMemoryArrayLocation
Object ID	1.3.6.1.4.1.674.10892.1.1300.10.1.8
Description	Defines the location of the physical memory array.
Syntax	DellPhysicalMemoryArrayLocation (See Physical Memory Array Location)
Access	Read-only

Table 896. Physical Memory Array Maximum Size

Name	<code>physicalMemoryArrayMaximumSize</code>
Object ID	1.3.6.1.4.1.674.10892.1.1300.10.1.9
Description	Defines the size in KB of the physical memory array.
Syntax	DellUnsigned32BitRange
Access	Read-only

Table 897. Physical Memory Array Total Number Sockets

Name	<code>physicalMemoryArrayTotalNumberSockets</code>
Object ID	1.3.6.1.4.1.674.10892.1.1300.10.1.10
Description	Defines the total number of memory sockets available for the physical memory array.
Syntax	DellUnsigned32BitRange
Access	Read-only

Table 898. Physical Memory Array In Use Number Sockets

Name	<code>physicalMemoryArrayInUseNumberSockets</code>
Object ID	1.3.6.1.4.1.674.10892.1.1300.10.1.11
Description	Defines the total number of memory sockets in use by the physical memory array.
Syntax	DellUnsigned32BitRange
Access	Read-only

Table 899. Physical Memory Array ECC Error Nonrecoverable Threshold

Name	<code>physicalMemoryArrayECCErrorNonRecoverbeThreshold</code>
Object ID	1.3.6.1.4.1.674.10892.1.1300.10.1.12
Description	Defines the value of the physical memory array Error Checking and Correction (ECC) error nonrecoverable threshold.
Syntax	DellSigned32BitRange
Access	Read-only

Table 900. Physical Memory Array ECC Error Critical Threshold

Name	<code>physicalMemoryArrayECCErrorCriticalThreshold</code>
Object ID	1.3.6.1.4.1.674.10892.1.1300.10.1.13
Description	Defines the value of the physical memory array ECC error critical threshold.
Syntax	DellSigned32BitRange
Access	Read-only

Table 901. Physical Memory Array ECC Error Noncritical Threshold

Name	<code>physicalMemoryArrayECCErrorNonCriticalThreshold</code>
Object ID	1.3.6.1.4.1.674.10892.1.1300.10.1.14
Description	Defines the value of the physical memory array ECC error noncritical threshold.
Syntax	<code>DellSigned32BitRange</code>
Access	read-write

Table 902. Physical Memory Array Redundant Memory Unit Index Reference

Name	<code>physicalMemoryArrayRedundantMemoryUnitIndexReference</code>
Object ID	1.3.6.1.4.1.674.10892.1.1300.10.1.15
Description	Defines the index to the associated Redundant Memory Unit in this chassis.
Syntax	<code>DellObjectRange</code>
Access	Read-only

Physical Memory Array Mapped Table

The physical memory array is divided into memory array mapped addresses.

The following object sets up the Physical Memory Array Mapped Table:

Table 903. Physical Memory Array Mapped Table

Name	<code>physicalMemoryArrayMappedTable</code>
Object ID	1.3.6.1.4.1.674.10892.1.1300.20
Description	Defines the Physical Memory Array Mapped Table.
Syntax	<code>PhysicalMemoryArrayMappedTableEntry</code>
Access	Not accessible

Table 904. Physical Memory Array Mapped Table Entry

Name	<code>PhysicalMemoryArrayMappedTableEntry</code>
Object ID	1.3.6.1.4.1.674.10892.1.1300.20.1
Description	Defines the Physical Memory Array Mapped Table entry.
Syntax	<code>PhysicalMemoryArrayMappedTableEntry</code>
Access	Not accessible
Index	<code>physicalMemoryArrayMappedchassisIndex</code> , <code>physicalMemoryArrayMappedIndex</code>

Table 905. Physical Memory Array Mapped Chassis Index

Name	<code>physicalMemoryArrayMappedchassisIndex</code>
Object ID	1.3.6.1.4.1.674.10892.1.1300.20.1.1
Description	Defines the index (one-based) of this chassis.
Syntax	<code>DellObjectRange</code>
Access	Read-only

Table 906. Physical Memory Array Mapped Index

Name	<code>physicalMemoryArrayMappedIndex</code>
Object ID	1.3.6.1.4.1.674.10892.1.1300.20.1.2
Description	Defines the index (one-based) of the memory array mapped address in this chassis.
Syntax	<code>DellObjectRange</code>
Access	Read-only

Table 907. Physical Memory Array Mapped State Capabilities

Name	<code>physicalMemoryArrayMappedStateCapabilities</code>
Object ID	1.3.6.1.4.1.674.10892.1.1300.20.1.3
Description	Defines the capabilities of the memory array mapped address.
Syntax	<code>DellStateCapabilities</code>
Access	Read-only

Table 908. Physical Memory Array Mapped State Settings

Name	<code>physicalMemoryArrayMappedStateSettings</code>
Object ID	1.3.6.1.4.1.674.10892.1.1300.20.1.4
Description	Defines the state of the memory array mapped address.
Syntax	<code>DellStateSettings</code>
Access	Read-write

Table 909. Physical Memory Array Mapped Status

Name	<code>physicalMemoryArrayMappedStatus</code>
Object ID	1.3.6.1.4.1.674.10892.1.1300.20.1.5
Description	Defines the status of the memory array mapped address.
Syntax	<code>DellStatus</code>
Access	Read-only

Table 910. Physical Memory Array Index Reference

Name	<code>physicalMemoryArrayIndexReference</code>
Object ID	1.3.6.1.4.1.674.10892.1.1300.20.1.6
Description	Defines the index to the associated physical memory array in this chassis.
Syntax	DellObjectRange
Access	Read-only

Table 911. Physical Memory Array Mapped Starting Address

Name	<code>physicalMemoryArrayMappedStartingAddress</code>
Object ID	1.3.6.1.4.1.674.10892.1.1300.20.1.7
Description	Defines the physical starting address in KB of the memory array mapped address.
Syntax	DellUnsigned64BitRange
Access	Read-only

Table 912. Physical Memory Array Mapped Ending Address

Name	<code>physicalMemoryArrayMappedEndingAddress</code>
Object ID	1.3.6.1.4.1.674.10892.1.1300.20.1.8
Description	Defines the physical ending address in KB of the memory array mapped address.
Syntax	DellUnsigned64BitRange
Access	Read-only

Table 913. Physical Memory Array Mapped Partition Width

Name	<code>physicalMemoryArrayMappedPartitionWidth</code>
Object ID	1.3.6.1.4.1.674.10892.1.1300.20.1.9
Description	Defines the number of memory devices that form a single row in the memory array mapped address. A zero (0) indicates that the number is unknown.
Syntax	DellUnsigned32BitRange
Access	Read-only

Physical Memory Configuration Table

This table defines how the physical memory of a system chassis is set up, for example, which redundant memory types are supported and whether redundant memory is active.

The following object sets up the Physical Memory Configuration Table:

Table 914. Physical Memory Configuration Table

Name	<code>physicalMemoryConfigTable</code>
Object ID	1.3.6.1.4.1.674.10892.1.1300.30

Description	Defines the Physical Memory Configuration Table.
Syntax	SEQUENCE OF PhysicalMemoryConfigTableEntry
Access	Not accessible

Table 915. Physical Memory Configuration Table Entry

Name	physicalMemoryConfigTableEntry
Object ID	1.3.6.1.4.1.674.10892.1.1300.30.1
Description	Defines the Physical Memory Configuration Table entry.
Syntax	PhysicalMemoryConfigTableEntry
Access	Not accessible
Index	physicalMemoryConfigChassisIndex , physicalMemoryConfigIndex

Table 916. Physical Memory Configuration Chassis Index

Name	physicalMemoryConfigChassisIndex
Object ID	1.3.6.1.4.1.674.10892.1.1300.30.1.1
Description	Defines the index (one-based) of the chassis associated with the physical memory configuration.
Syntax	DellObjectRange
Access	Read-only

Table 917. Physical Memory Configuration Index

Name	physicalMemoryConfigIndex
Object ID	1.3.6.1.4.1.674.10892.1.1300.30.1.2
Description	Defines the index (one-based) of the physical memory configuration.
Syntax	DellObjectRange
Access	Read-only

Table 918. Physical Memory Configuration State Capabilities

Name	physicalMemoryConfigStateCapabilities
Object ID	1.3.6.1.4.1.674.10892.1.1300.30.1.3
Description	Defines the state capabilities of the physical memory configuration.
Syntax	DellPhysicalMemoryConfigStateCapabilities
Access	Read-only

Table 919. Physical Memory Configuration State Settings

Name	<code>physicalMemoryConfigStateSettings</code>
Object ID	1.3.6.1.4.1.674.10892.1.1300.30.1.4
Description	Defines the state settings of the physical memory configuration.
Syntax	<code>DellPhysicalMemoryConfigStateSettings</code>
Access	Read-write

Table 920. Physical Memory Configuration Status

Name	<code>physicalMemoryConfigStatus</code>
Object ID	1.3.6.1.4.1.674.10892.1.1300.30.1.5
Description	Defines the status of the physical memory configuration.
Syntax	<code>DellStatus</code>
Access	Read-only

Table 921. Physical Memory Configuration Redundant Capabilities

Name	<code>physicalMemoryConfigRedundantCapabilities</code>
Object ID	1.3.6.1.4.1.674.10892.1.1300.30.1.6
Description	Defines the redundant capabilities of the physical memory.
Syntax	<code>DellPhysicalMemoryConfigRedundantCapabilities</code>
Access	Read-only

Table 922. Physical Memory Configuration Redundant Settings

Name	<code>physicalMemoryConfigRedundantSettings</code>
Object ID	1.3.6.1.4.1.674.10892.1.1300.30.1.7
Description	Defines the redundant settings of the physical memory.
Syntax	<code>DellPhysicalMemoryConfigRedundantSettings</code>
Access	Read-write

Table 923. Physical Memory Configuration MOM Capabilities

Name	<code>physicalMemoryConfigMOMCapabilities</code>
Object ID	1.3.6.1.4.1.674.10892.1.1300.30.1.8
Description	Defines the Memory Operating Mode capabilities of the physical memory.
Syntax	<code>DellPhysicalMemoryConfigMOMCapabilities</code>
Access	Read-only

Table 924. Physical Memory Configuration MOM Settings

Name	<code>physicalMemoryConfigMOMSettings</code>
Object ID	1.3.6.1.4.1.674.10892.1.1300.30.1.9
Description	Defines the Memory Operating Mode settings of the physical memory.
Syntax	<code>DellPhysicalMemoryConfigMOMSettings</code>
Access	Read-only

Physical Memory Logging Table

This table defines the conditions for logging system memory events.

The following object sets up the Physical Memory Logging Table:

Table 925. Physical Memory Logging Table

Name	<code>physicalMemoryLoggingTable</code>
Object ID	1.3.6.1.4.1.674.10892.1.1300.40
Description	Defines the Physical Memory Logging Table.
Syntax	SEQUENCE OF <code>PhysicalMemoryLoggingTableEntry</code>
Access	Not accessible

Table 926. Physical Memory Logging Table Entry

Name	<code>physicalMemoryLoggingTableEntry</code>
Object ID	1.3.6.1.4.1.674.10892.1.1300.40.1
Description	Defines the Physical Memory Logging Table entry.
Syntax	<code>PhysicalMemoryLoggingTableEntry</code>
Access	Not accessible
Index	<code>physicalMemoryLoggingChassisIndex</code> , <code>physicalMemoryLoggingIndex</code>

Table 927. Physical Memory Logging Chassis Index

Name	<code>physicalMemoryLoggingChassisIndex</code>
Object ID	1.3.6.1.4.1.674.10892.1.1300.40.1.1
Description	Defines the index (one-based) of the chassis associated with the physical memory logging.
Syntax	<code>DellObjectRange</code>
Access	Read-only

Table 928. Physical Memory Logging Index

Name	physicalMemoryLoggingIndex
Object ID	1.3.6.1.4.1.674.10892.1.1300.40.1.2
Description	Defines the index (one-based) of the physical memory logging.
Syntax	DellObjectRange
Access	Read-only

Table 929. Physical Memory Logging Capabilities

Name	physicalMemoryLoggingCapabilities
Object ID	1.3.6.1.4.1.674.10892.1.1300.40.1.3
Description	Defines the capabilities of the physical memory logging.
Syntax	DellPhysicalMemoryLoggingCapabilities
Access	Read-only

Table 930. Physical Memory Logging Settings

Name	physicalMemoryLoggingSettings
Object ID	1.3.6.1.4.1.674.10892.1.1300.40.1.4
Description	Defines the settings of the physical memory logging.
Syntax	DellPhysicalMemoryLoggingSettings
Access	Read-write

Table 931. Physical Memory Logging Status

Name	physicalMemoryLoggingStatus
Object ID	1.3.6.1.4.1.674.10892.1.1300.40.1.5
Description	Defines the status of the physical memory logging.
Syntax	DellStatus
Access	Read-only

Redundant Memory Unit Table

This table reports the status of redundant memory within a particular system chassis.

The following object sets up the Redundant Memory Unit Table:

Table 932. Redundant Memory Unit Table

Name	redundantMemoryUnitTable
Object ID	1.3.6.1.4.1.674.10892.1.1300.50
Description	Defines the Redundant Memory Unit Table.
Syntax	SEQUENCE OF RedundantMemoryUnitTableEntry

Access Not accessible

Table 933. Redundant Memory Unit Table Entry

Name redundantMemoryUnitTableEntry
Object ID 1.3.6.1.4.1.674.10892.1.1300.50.1
Description Defines the Redundant Memory Unit Table entry.
Syntax RedundantMemoryUnitTableEntry
Access Not accessible
Index redundantMemoryUnitChassisIndex
,
redundantMemoryUnitIndex

Table 934. Redundant Memory Unit Chassis Index

Name redundantMemoryUnitChassisIndex
Object ID 1.3.6.1.4.1.674.10892.1.1300.50.1.1
Description Defines the index (one-based) of the chassis associated with the redundant memory unit.
Syntax DellObjectRange
Access Read-only

Table 935. Redundant Memory Unit Index

Name redundantMemoryUnitIndex
Object ID 1.3.6.1.4.1.674.10892.1.1300.50.1.2
Description Defines the index (one-based) of the redundant memory unit.
Syntax DellObjectRange
Access Read-only

Table 936. Redundant Memory Unit State Capabilities

Name redundantMemoryUnitStateCapabilities
Object ID 1.3.6.1.4.1.674.10892.1.1300.50.1.3
Description Defines the state capabilities of the redundant memory unit.
Syntax DellStateCapabilities
Access Read-only

Table 937. Redundant Memory Unit State Settings

Name	<code>redundantMemoryUnitStatesettings</code>
Object ID	1.3.6.1.4.1.674.10892.1.1300.50.1.4
Description	Defines the state settings of the redundant memory unit.
Syntax	<code>DellStateSettings</code>
Access	Read-write

Table 938. Redundant Memory Unit Redundancy Status

Name	<code>redundantMemoryUnitRedundancyStatus</code>
Object ID	1.3.6.1.4.1.674.10892.1.1300.50.1.5
Description	Defines the redundancy status of the redundant memory unit.
Syntax	<code>DellStatusRedundancy</code>
Access	Read-only

Table 939. Redundant Memory Unit Name

Name	<code>redundantMemoryUnitName</code>
Object ID	1.3.6.1.4.1.674.10892.1.1300.50.1.6
Description	Defines the name of the redundant memory unit.
Syntax	<code>DellString</code>
Access	Read-only

Table 940. Redundant Memory Unit Status

Name	<code>redundantMemoryUnitStatus</code>
Object ID	1.3.6.1.4.1.674.10892.1.1300.50.1.7
Description	Defines the status of the redundant memory unit.
Syntax	<code>DellStatus</code>
Access	Read-only

Physical Memory Card Table

This table defines the name of the memory card, the total number of device slots present on the memory card, and the number of memory device slots in use on the memory card.

The following objects set up the Physical Memory Card Table:

Table 941. Physical Memory Card Table

Name	<code>physicalMemoryCardTable</code>
Object ID	1.3.6.1.4.1.674.10892.1.1300.60

Description	Defines the Physical Memory Card Table.
Syntax	SEQUENCE OF PhysicalMemoryCardTableEntry
Access	Not accessible

Table 942. Physical Memory Card Table Entry

Name	physicalMemoryCardTableEntry
Object ID	1.3.6.1.4.1.674.10892.1.1300.60.1
Description	Defines the Physical Memory Card Table Entry.
Syntax	PhysicalMemoryCardTableEntry
Access	Not accessible
Index	physicalMemoryCardChassisIndex , physicalMemoryCardIndex

Table 943. Physical Memory Card Chassis Index

Name	physicalMemoryCardChassisIndex
Object ID	1.3.6.1.4.1.674.10892.1.1300.60.1.1
Description	Defines the index (one-based) of the associated chassis.
Syntax	DellObjectRange
Access	Read-only

Table 944. Physical Memory Card Index

Name	physicalMemoryCardIndex
Object ID	1.3.6.1.4.1.674.10892.1.1300.60.1.2
Description	Defines the index (one-based) of the Physical Memory Card.
Syntax	DellObjectRange
Access	Read-only

Table 945. Physical Memory Card State Capabilities

Name	physicalMemoryCardStateCapabilities
Object ID	1.3.6.1.4.1.674.10892.1.1300.60.1.3
Description	Defines the state capabilities of the Physical Memory Card.
Syntax	DellStateCapabilities
Access	Read-only

Table 946. Physical Memory Card State Settings

Name	<code>physicalMemoryCardStateSettings</code>
Object ID	1.3.6.1.4.1.674.10892.1.1300.60.1.4
Description	Defines the state settings of the Physical Memory Card.
Syntax	DellStateSettings
Access	Read-write

Table 947. Physical Memory Card Status

Name	<code>physicalMemoryCardStatus</code>
Object ID	1.3.6.1.4.1.674.10892.1.1300.60.1.5
Description	Defines the status of the Physical Memory Card.
Syntax	DellStatus
Access	Read-only

Table 948. Physical Memory Card Name

Name	<code>physicalMemoryCardName</code>
Object ID	1.3.6.1.4.1.674.10892.1.1300.60.1.6
Description	Defines the name of the Physical Memory Card.
Syntax	DellString
Access	Read-only

Table 949. Physical Memory Card Total Number Sockets

Name	<code>physicalMemoryCardTotalNumberSockets</code>
Object ID	1.3.6.1.4.1.674.10892.1.1300.60.1.7
Description	Defines the total number of memory sockets available on the Physical Memory Card. 2,147,483,647 indicates an unknown number of sockets.
Syntax	DellUnsigned32BitRange
Access	Read-only

Table 950. Physical Memory Card In Use Number Sockets

Name	<code>physicalMemoryCardInUseNumberSockets</code>
Object ID	1.3.6.1.4.1.674.10892.1.1300.60.1.8
Description	Defines the number of memory sockets in use on the Physical Memory Card. Zero indicates that the Physical Memory Card is not installed or has a configuration error.
Syntax	DellUnsigned32BitRange

Access Read-only

Table 951. Physical Memory Card Physical Memory Array Index Reference

Name	physicalMemoryCardPhyMemArrayIndexReference
Object ID	1.3.6.1.4.1.674.10892.1.1300.60.1.9
Description	Defines the index (one-based) of the Physical Memory Array Table entry for the physical memory array with the same chassis index that this physical memory card is associated with.
Syntax	DellObjectRange
Access	Read-only

Memory Group Variable Values

This section includes definitions for server administrator-specific variable values used in this section.

Table 952. Physical Memory Array Location

Variable Name: DellPhysicalMemoryArrayLocation

Data Type: Integer

Possible Data Values

memoryArrayLocationIsOther (1)
memoryArrayUseIsUnknown (2)
memoryArrayUseIsSystemMemory (3)
memoryArrayUseIsVideoMemory (4)
memoryArrayUseIsFLASHMemory (5)
memoryArrayUseIsNonVolatileRAMMemory (6)
memoryArrayUseIsCacheMemory (7)
memoryArrayLocationIsPCMCIA (8)

memoryArrayLocationIsProprietary (9)
memoryArrayLocationIsNUBUS (10)
memoryArrayLocationIsPC98C20 (11)
memoryArrayLocationIsPC98C24 (12)
memoryArrayLocationIsPC98E (13)
memoryArrayLocationIsPC98LocalBus (14)

memoryArrayLocationIsPC98Card (15)

Meaning of Data Value

The memory array location is not one of the following:
The memory array use is unknown.
The memory array is system memory.
The memory array is video memory.
The memory array is FLASH memory.
The memory array is nonvolatile RAM.
The memory array is cache memory.
The memory array location is a Personal Computer Memory Card International Association (PCMCIA) option card.
The memory array location is a proprietary option card.
The memory array location is a NuBus bus.
The memory array location is a PC-98/C20 option card.
The memory array location is a PC-98/C24 option card.
The memory array location is a PC-98/E option card.
The memory array location is a PC-98/Local bus option card.
The memory array location is a PC-98/Card slot option card.

Table 953. Physical Memory Array ECC Type Definitions

Variable Name: DellPhysicalMemoryArrayECCType

Data Type: Integer

Possible Data Values

memoryArrayECCTypeIsOther (1)
memoryArrayECCTypeIsUnknown (2)
memoryArrayECCTypeIsNone (3)
memoryArrayECCTypeIsParity (4)
memoryArrayECCTypeIsSingleBitECC (5)
memoryArrayECCTypeIsMultiBitECC (6)
memoryArrayECCTypeIsCRC (7)

Meaning of Data Value

There is not one of the following:
The memory array ECC type is unknown.
The memory array ECC type is none.
The memory array ECC type is parity.
The memory array ECC type is Correctable Memory Event ECC.
The memory array ECC type is Uncorrectable Memory Event ECC.
The memory array ECC type is CRC.

Table 954. Physical Memory Configuration State Capabilities

Variable Name: DellPhysicalMemoryConfigStateCapabilities

Data Type: Integer

Possible Data Values

If set to 0 (zero)
unknownCapabilities (1)
enableCapable (2)
notReadyCapable (4)

Meaning of Data Value

There are no state capabilities.
State capabilities are unknown.
Object enable/disable is supported.
Object not ready is supported.

Table 955. Physical Memory Configuration State Settings

Variable Name: DellPhysicalMemoryConfigStateSettings

Data Type: Integer

Possible Data Values

If set to 0 (zero)
unknown (1)
enabled (2)
notReady (4)
redundantMemoryIsActive (8)
enabledAndRedundantMemoryIsActive (10)

Meaning of Data Value

There are no state settings.
State settings are unknown.
Object is disabled (offline) 0, or enabled (online) 1.
Object *not ready*.
Redundant memory is active (in use).
Redundant memory is enabled and in use.

Table 956. Physical Memory Configuration Redundant Capabilities

Variable Name: DellPhysicalMemoryConfigRedundantCapabilities

Data Type: Integer

Possible Data Values	Meaning of Data Value
If set to 0 (zero)	There are no redundant memory capabilities.
unknownCapabilities (1)	Redundant capabilities are unknown.
The redundant capabilities are:	Spare redundant memory feature is supported.
spareCapable (2)	
mirrorCapable (4)	Mirror redundant memory feature is supported.
spareAndMirrorCapable (6)	Spare and mirror redundant memory features are supported.
raidCapable (8)	Redundant Array of Independent disks (RAID) redundant memory feature is supported.
dddcCapable (16)	DDDC redundancy is supported.

Table 957. Physical Memory Configuration Redundant Settings

Variable Name: DellPhysicalMemoryConfigRedundantSettings

Data Type: Integer

Possible Data Values	Meaning of Data Value
If set to 0 (zero)	There are no redundant memory settings enabled.
unknown (1)	Redundant settings are unknown.
The following redundant settings are mutually exclusive:	
spareEnabled (2)	Spare redundant memory feature is enabled.
mirrorEnabled (4)	Mirror redundant memory feature is enabled.
raidEnabled (8)	RAID redundant memory feature is enabled.
dddcCapable (16)	DDDC redundancy is enabled.

Table 958. Physical Memory Logging Capabilities

Variable Name: DellPhysicalMemoryLoggingCapabilities

Data Type: Integer

Possible Data Values	Meaning of Data Value
If set to 0 (zero)	There are no logging capabilities.
unknown Capabilities (1)	Logging capabilities are unknown.
The logging capabilities are:	Logging enable/disable using Simple Network Management Protocol (SNMP) is supported.
enableCapable (2)	

Table 959. Physical Memory Logging Settings

Variable Name: DellPhysicalMemoryLoggingSettings

Data Type: Integer

Possible Data Values

If set to 0 (zero)

Capabilities (1)

The logging settings are:
enabled(2)

Meaning of Data Value

There are no logging settings enabled. unknown

Logging capabilities are unknown.

Logging is disabled (0), or enabled (1).

BIOS Setup Control Group

Basic Input/Output System (BIOS) Setup Control Group variables provide information about the functions that the BIOS performs in your system. This management information base (MIB) group includes variables for the boot sequence, speakers, diskettes, ports, network interface controllers (NICs), and the Wakeup on local area network (LAN) feature.

BIOS Setup Control Group Tables

The MIB tables in this group define the BIOS control of devices and controller cards that are typically present in a system.

- [BIOS Setup Control Table](#)
- [SCSI Control Table](#)
- [Parallel Port Control Table](#)
- [Serial Port Control Table](#)
- [USB Control Table](#)
- [IDE Control Table](#)
- [Diskette Control Table](#)
- [Network Interface Control Table](#)

The following MIB table in the BIOS Setup Control Group is supported on Dell PowerEdge xx2x (12G) systems:

- [BIOS Setting Table](#)

BIOS Setup Control Group Tables

Table 960. BIOS Setup Control Table

Name	biosSetUpControlTable
Object ID	1.3.6.1.4.1.674.10892.1.1400.10
Description	Defines the set of single devices in a chassis controlled by the BIOS.
Syntax	BiosSetUpControlTableEntry
Access	Not accessible

Table 961. BIOS Setup Control Table Entry

Name	biosSetUpControlTableEntry
Object ID	1.3.6.1.4.1.674.10892.1.1400.10.1
Description	Defines the BIOS Control Device Table entry.
Syntax	BiosSetUpControlTableEntry

Access	Not accessible
Index	biosSetUpControlchassisIndex

Table 962. BIOS Setup Control Chassis Index

Name	biosSetUpControlchassisIndex
Object ID	1.3.6.1.4.1.674.10892.1.1400.10.1.1
Description	Defines the index (one-based) of this chassis.
Syntax	DellObjectRange
Access	Read-only

Table 963. BIOS Setup Control (BSUC) Pointing Device Control Capabilities

Name	bSUCpointingDeviceControlCapabilities
Object ID	1.3.6.1.4.1.674.10892.1.1400.10.1.2
Description	Defines the capabilities of the pointing device.
Syntax	DellStateCapabilities
Access	Read-only

Table 964. BIOS Setup Control Pointing Device Control Settings

Name	bSUCpointingDeviceControlSettings
Object ID	1.3.6.1.4.1.674.10892.1.1400.10.1.3
Description	Defines the state of the pointing device.
Syntax	DellStateSettings
Access	Read-write

Table 965. BIOS Setup Control Pointing Device Control Status

Name	bSUCpointingDeviceControlStatus
Object ID	1.3.6.1.4.1.674.10892.1.1400.10.1.4
Description	Defines the status of the pointing device.
Syntax	DellStatus
Access	Read-only

Table 966. BIOS Setup Control Pointing Device Control Name

Name	bSUCpointingDeviceControlName
Object ID	1.3.6.1.4.1.674.10892.1.1400.10.1.5
Description	Defines the setup BIOS name of the pointing device.
Syntax	DellString

Access Read-only

Table 967. BIOS Setup Control Numeric Lock Control Capabilities

Name bSUCnumLockControlCapabilities
Object ID 1.3.6.1.4.1.674.10892.1.1400.10.1.6
Description Defines the capabilities of the numeric lock.
Syntax DellStateCapabilities
Access Read-only

Table 968. BIOS Setup Control Numeric Lock Control Settings

Name bSUCnumLockControlSettings
Object ID 1.3.6.1.4.1.674.10892.1.1400.10.1.7
Description Defines the state of the numeric lock.
Syntax DellStateSettings
Access Read-only

Table 969. BIOS Setup Control Numeric Lock Control Status

Name bSUCnumLockControlStatus
Object ID 1.3.6.1.4.1.674.10892.1.1400.10.1.8
Description Defines the status of the numeric lock.
Syntax DellStatus
Access Read-only

Table 970. BIOS Setup Control Numeric Lock Control Name

Name bSUCnumLockControlName
Object ID 1.3.6.1.4.1.674.10892.1.1400.10.1.9
Description Defines the setup BIOS name of the numeric lock.
Syntax DellString
Access Read-only

Table 971. BIOS Setup Control Processor Serial Number Control Capabilities

Name bSUCprocessorSerialNumberControlCapabilities
Object ID 1.3.6.1.4.1.674.10892.1.1400.10.1.10
Description Defines if the processor serial number can be returned.
Syntax DellStateCapabilities

Access Read-only

Table 972. BIOS Setup Control Processor Serial Number Control Settings

Name bSUCprocessorSerialNumberControlSettings
Object ID 1.3.6.1.4.1.674.10892.1.1400.10.1.11
Description Defines the state of the processor serial number.
Syntax DellStateSettings
Access Read-only

Table 973. BIOS Setup Control Processor Serial Number Control Status

Name bSUCprocessorSerialNumberControlStatus
Object ID 1.3.6.1.4.1.674.10892.1.1400.10.1.12
Description Defines the status of the processor serial number.
Syntax DellStatus
Access Read-only

Table 974. BIOS Setup Control Processor Serial Number Control Name

Name bSUCprocessorSerialNumberControlName
Object ID 1.3.6.1.4.1.674.10892.1.1400.10.1.13
Description Defines the setup BIOS name of the processor serial number.
Syntax DellString
Access Read-write

Table 975. BIOS Setup Control Speaker Control Capabilities Unique

Name bSUCspeakerControlCapabilitiesUnique
Object ID 1.3.6.1.4.1.674.10892.1.1400.10.1.14
Description Defines the capabilities of the speaker control.
Syntax DellSpeakerControlCapabilitiesUnique (See [Speaker Control Capabilities Unique](#))
Access Read-only

Table 976. BIOS Setup Control Speaker Control Settings Unique

Name bSUCspeakerControlSettingsUnique
Object ID 1.3.6.1.4.1.674.10892.1.1400.10.1.15
Description Defines the settings available for speaker control.
Syntax DellSpeakerControlSettingsUnique (See [Speaker Control Settings Unique](#))

Access Read-only

Table 977. BIOS Setup Control Speaker Control Status

Name bSUCspeakerControlStatus
Object ID 1.3.6.1.4.1.674.10892.1.1400.10.1.16
Description Defines the status of speaker control.
Syntax DellStatus
Access Read-only

Table 978. BIOS Setup Control Speaker Control Name

Name bSUCspeakerControlName
Object ID 1.3.6.1.4.1.674.10892.1.1400.10.1.17
Description Defines the setup BIOS name of the speaker control.
Syntax DellString
Access Read-only

Table 979. BIOS Setup Control NIF Wakeup on LAN Control Capabilities Unique

Name bSUCnIFwakeonLanControlCapabilitiesUnique
Object ID 1.3.6.1.4.1.674.10892.1.1400.10.1.18
Description Defines the defines the capabilities of the network interface function (NIF) Wakeup on LAN.
Syntax DellNIFwakeonLanControlCapabilitiesUnique (See [Network Interface \(NIF\) Wakeup on LAN Capabilities Unique](#))
Access Read-only

Table 980. BIOS Setup Control NIF Wakeup on LAN Control Settings Unique

Name bSUCnIFwakeonLanControlSettingsUnique
Object ID 1.3.6.1.4.1.674.10892.1.1400.10.1.19
Description Defines the state of the NIF Wakeup on LAN.
Syntax DellNIFwakeonLanControlSettingsUnique (See [NIF Wakeup on LAN Control Settings Unique](#))
Access Read-only

Table 981. BIOS Setup Control NIF Wakeup on LAN Control Status

Name bSUCnIFwakeonLanControlStatus
Object ID 1.3.6.1.4.1.674.10892.1.1400.10.1.20
Description Defines the status of the NIF Wakeup on LAN.

Syntax	DellStatus
Access	Read-only

Table 982. BIOS Setup Control NIF Wakeup on LAN Control Name

Name	bSUCnIFwakeonLanControlName
Object ID	1.3.6.1.4.1.674.10892.1.1400.10.1.21
Description	Defines the setup BIOS name of the NIF Wakeup on LAN.
Syntax	DellString
Access	Read-only

Table 983. BIOS Setup Control Boot Sequence Control Capabilities Unique

Name	bSUCbootSequenceControlCapabilitiesUnique
Object ID	1.3.6.1.4.1.674.10892.1.1400.10.1.22
Description	Defines the capabilities of the boot sequence.
Syntax	DellBootSequenceControlCapabilitiesUnique (See Boot Sequence Control Capabilities Unique)
Access	Read-only

Table 984. BIOS Setup Control Boot Sequence Control Settings Unique

Name	DellBootSequenceControlSettingsUnique
Object ID	1.3.6.1.4.1.674.10892.1.1400.10.1.23
Description	Defines the state of the boot sequence.
Syntax	DellBootSequenceControlSettingsUnique (See Boot Sequence Control Settings Unique)
Access	Read-only

Table 985. BIOS Setup Control Boot Sequence Control Status

Name	bSUCbootSequenceControlStatus
Object ID	1.3.6.1.4.1.674.10892.1.1400.10.1.24
Description	Defines the status of the boot sequence.
Syntax	DellStatus
Access	Read-only

Table 986. BIOS Setup Control Boot Sequence Control Name

Name	bSUCbootSequenceControlName
Object ID	1.3.6.1.4.1.674.10892.1.1400.10.1.25
Description	Defines the control name of the boot sequence.

Syntax	DellString
Access	Read-only

Table 987. BIOS Setup Control Administrator Password Control Capabilities Unique

Name	bSUCadministratorPasswordControlCapabilities Unique
Object ID	1.3.6.1.4.1.674.10892.1.1400.10.1.26
Description	Defines the capabilities of the administrator password control.
Syntax	DellBIOSPasswordControlCapabilitiesUnique
Access	Read-only

Table 988. BIOS Setup Control Administrator Password Control Settings Unique

Name	bSUCadministratorPasswordControlSettingsUnique
Object ID	1.3.6.1.4.1.674.10892.1.1400.10.1.27
Description	Defines the settings for administrator password control.
Syntax	DellBIOSPasswordControlSettingsUnique (See BIOS Password Control Settings Unique)
Access	Read-write

Table 989. BIOS Setup Control Administrator Password Control Status

Name	bSUCadministratorPasswordControlStatus
Object ID	1.3.6.1.4.1.674.10892.1.1400.10.1.28
Description	Defines the status for administrator password control.
Syntax	DellStatus
Access	Read-only

Table 990. BIOS Setup Control Administrator Password Verify Name

Name	bSUCadministratorPasswordVerifyName
Object ID	1.3.6.1.4.1.674.10892.1.1400.10.1.29
Description	Defines the setup BIOS name for the current administrator password.
Syntax	DellString
Access	Read-write

Table 991. BIOS Setup Control Administrator Password New Password Name

Name	bSUCadministratorPasswordNewPasswordName
Object ID	1.3.6.1.4.1.674.10892.1.1400.10.1.30

Description	Defines the setup BIOS name of the new administrator password. To set a new administrator password, you must have successfully set the current administrator password immediately preceding this password change.
Syntax	DellString
Access	Read-write

Table 992. BIOS Setup Control User Password Control Capabilities Unique

Name	bSUCuserPasswordControlCapabilitiesUnique
Object ID	1.3.6.1.4.1.674.10892.1.1400.10.1.31
Description	Defines the capabilities of user password control.
Syntax	DellBIOSPasswordControlCapabilitiesUnique
Access	Read-only

Table 993. BIOS Setup Control User Password Control Settings Unique

Name	bSUCuserPasswordControlSettingsUnique
Object ID	1.3.6.1.4.1.674.10892.1.1400.10.1.32
Description	Defines the control settings for user password control.
Syntax	DellBIOSPasswordControlSettingsUnique (See BIOS Password Control Settings)
Access	Read-write

Table 994. BIOS Setup Control User Password Control Status

Name	bSUCuserPasswordControlStatus
Object ID	1.3.6.1.4.1.674.10892.1.1400.10.1.33
Description	Defines the status of the user password control.
Syntax	DellStatus
Access	Read-only

Table 995. BIOS Setup Control User Password Verify Name

Name	bSUCuserPasswordVerifyName
Object ID	1.3.6.1.4.1.674.10892.1.1400.10.1.34
Description	Defines the setup BIOS name of the current user password.
Syntax	DellString
Access	Read-write

Table 996. BIOS Setup Control User Password New Password Name

Name	bSUCuserPasswordNewPasswordName
Object ID	1.3.6.1.4.1.674.10892.1.1400.10.1.35

Description	Defines the setup BIOS name of the new user password. To set a new user password, a you must have successfully set the current user password immediately preceding this password change.
Syntax	DellString
Access	Read-write

Table 997. BIOS Setup Control TPM Security Control Capabilities

Name	bSUCtpmSecurityControlCapabilities
Object ID	1.3.6.1.4.1.674.10892.1.1400.10.1.36
Description	Defines the BIOS setup control capabilities of Trusted Platform Module (TPM) security.
Syntax	DellTPMSecurityControlCapabilities
Access	Read-only

Table 998. BIOS Setup Control TPM Security Control Setting

Name	bSUCtpmSecurityControlSetting
Object ID	1.3.6.1.4.1.674.10892.1.1400.10.1.37
Description	Defines the BIOS setup control setting of Trusted Platform Module (TPM) security.
Syntax	DellTPMSecurityControlSetting
Access	Read-only

Table 999. BIOS Setup Control TPM Security Control Status

Name	bSUCtpmSecurityControlStatus
Object ID	1.3.6.1.4.1.674.10892.1.1400.10.1.38
Description	Defines the BIOS setup control status of Trusted Platform Module (TPM) security.
Syntax	DellStatus
Access	Read-only

Table 1000. BIOS Setup Control TPM Security Control Name

Name	bSUCtpmSecurityControlName
Object ID	1.3.6.1.4.1.674.10892.1.1400.10.1.39
Description	Defines the BIOS setup control name of Trusted Platform Module (TPM) security.
Syntax	DellString
Access	Read-only

SCSI Control Table

Table 1001. SCSI Control Table

Name	sSCSIControlTable
Object ID	1.3.6.1.4.1.674.10892.1.1400.20
Description	Defines the Small Computer System Interface (SCSI) Control Table.
Syntax	SCSIControlTableEntry
Access	Not accessible

Table 1002. SCSI Control Table Entry

Name	sSCSIControlTableEntry
Object ID	1.3.6.1.4.1.674.10892.1.1400.20.1
Description x	Defines the SCSI Control Table entry.
Syntax	SCSIControlTableEntry
Access	Not accessible
Index	sSCSIControlchassisIndex , sSCSIControlIndex

Table 1003. SCSI Control Chassis Index

Name	sSCSIControlchassisIndex
Object ID	1.3.6.1.4.1.674.10892.1.1400.20.1.1
Description	Defines the index (one-based) of this chassis.
Syntax	DellObjectRange
Access	Read-only

Table 1004. SCSI Control Index

Name	sSCSIControlIndex
Object ID	1.3.6.1.4.1.674.10892.1.1400.20.1.2
Description	Defines the index (one-based) of the SCSI controller in this chassis.
Syntax	DellObjectRange
Access	Read-only

Table 1005. SCSI Control Capabilities

Name	sSCSIControlCapabilities
Object ID	1.3.6.1.4.1.674.10892.1.1400.20.1.3
Description	Defines the capabilities of the SCSI controller.

Syntax	DellStateCapabilities
Access	Read-only

Table 1006. SCSI Control Settings

Name	sSCSIControlSettings
Object ID	1.3.6.1.4.1.674.10892.1.1400.20.1.4
Description	Defines the state of the SCSI controller.
Syntax	DellStateSettings
Access	Read-only

Table 1007. SCSI Control Status

Name	sSCSIControlStatus
Object ID	1.3.6.1.4.1.674.10892.1.1400.20.1.5
Description	Defines the status of the SCSI controller.
Syntax	DellStatus
Access	Read-only

Table 1008. SCSI Control Name

Name	sSCSIControlName
Object ID	1.3.6.1.4.1.674.10892.1.1400.20.1.6
Description	Defines the setup BIOS name of the SCSI controller.
Syntax	DellString
Access	Read-only

Parallel Port Control Table

Table 1009. Parallel Port Control Table

Name	parallelPortControlTable
Object ID	1.3.6.1.4.1.674.10892.1.1400.30
Description	Defines the Parallel Port Control Table.
Syntax	ParallelPortControlTableEntry
Access	Not accessible

Table 1010. Parallel Port Control Table Entry

Name	parallelPortControlTableEntry
Object ID	1.3.6.1.4.1.674.10892.1.1400.30.1
Description	Defines the Parallel Port Control Table entry.
Syntax	ParallelPortControlTableEntry

Access	Not accessible
Index	parallelPortControlchassisIndex , parallelPortControlIndex

Table 1011. Parallel Port Control Chassis Index

Name	parallelPortControlchassisIndex
Object ID	1.3.6.1.4.1.674.10892.1.1400.30.1.1
Description	Defines the index (one-based) of this chassis.
Syntax	DellObjectRange
Access	Read-only

Table 1012. Parallel Port Control Index

Name	parallelPortControlIndex
Object ID	1.3.6.1.4.1.674.10892.1.1400.30.1.2
Description	Defines the index (one-based) of the parallel port in this chassis.
Syntax	DellObjectRange
Access	Read-only

Table 1013. Parallel Port Control Capabilities Unique

Name	parallelPortControlCapabilitiesUnique
Object ID	1.3.6.1.4.1.674.10892.1.1400.30.1.3
Description	Defines the capabilities of the parallel port.
Syntax	DellParallelPortControlCapabilitiesUnique (See Parallel Port Control Capabilities)
Access	Read-only

Table 1014. Parallel Port Control Settings Unique

Name	parallelPortControlSettingsUnique
Object ID	1.3.6.1.4.1.674.10892.1.1400.30.1.4
Description	Defines the state of the parallel port.
Syntax	DellParallelPortControlSettingsUnique (See Parallel Port Control Settings)
Access	Read-only

Table 1015. Parallel Port Control Status

Name	parallelPortControlStatus
Object ID	1.3.6.1.4.1.674.10892.1.1400.30.1.5
Description	Defines the status of the parallel port.
Syntax	DellStatus

Access Read-only

Table 1016. Parallel Port Control Name

Name parallelPortControlName
Object ID 1.3.6.1.4.1.674.10892.1.1400.30.1.6
Description Defines the setup BIOS name of the parallel port.
Syntax DellString
Access Read-only

Table 1017. Parallel Port Control Mode Capabilities Unique

Name parallelPortControlModeCapabilitiesUnique
Object ID 1.3.6.1.4.1.674.10892.1.1400.30.1.7
Description Defines the mode capabilities of the parallel port.
Syntax DellParallelPortControlModeCapabilitiesUnique
Access Read-only

Table 1018. Parallel Port Control Mode Settings Unique

Name parallelPortControlModeSettingsUnique
Object ID 1.3.6.1.4.1.674.10892.1.1400.30.1.8
Description Defines the mode settings of the parallel port.
Syntax DellParallelPortControlModeSettingsUnique (See [Parallel Port Control Mode Settings](#))
Access Read-write

Serial Port Control Table

Table 1019. Serial Port Control Table

Name serialPortControlTable
Object ID 1.3.6.1.4.1.674.10892.1.1400.40
Description Defines the Serial Port Control Table.
Syntax SerialPortControlTableEntry
Access Not accessible

Table 1020. Serial Port Control Table Entry

Name serialPortControlTableEntry
Object ID 1.3.6.1.4.1.674.10892.1.1400.40.1
Description Defines the Serial Port Control Table entry.
Syntax SerialPortControlTableEntry
Access Not accessible

Index serialPortControlchassisIndex
,
serialPortControlIndex

Table 1021. Serial Port Control Chassis Index

Name serialPortControlchassisIndex
Object ID 1.3.6.1.4.1.674.10892.1.1400.40.1.1
Description Defines index (one-based) of this chassis.
Syntax DellObjectRange
Access read-only

Table 1022. Serial Port Control Index

Name serialPortControlIndex
Object ID 1.3.6.1.4.1.674.10892.1.1400.40.1.2
Description Defines the index (one-based) of the serial port in this chassis.
Syntax DellObjectRange
Access read-only

Table 1023. Serial Port Control Capabilities Unique

Name serialPortControlCapabilitiesUnique
Object ID 1.3.6.1.4.1.674.10892.1.1400.40.1.3
Description Defines the capabilities of the serial port.
Syntax DellSerialPortControlCapabilitiesUnique (See [Serial Port Control Capabilities](#))
Access Read-only

Table 1024. Serial Port Control Settings Unique

Name serialPortControlSettingsUnique
Object ID 1.3.6.1.4.1.674.10892.1.1400.40.1.4
Description Defines the settings of the serial port.
Syntax DellSerialPortControlSettingsUnique (See [Serial Port Control Settings](#))
Access Read-only

Table 1025. Serial Port Control Status

Name serialPortControlStatus
Object ID 1.3.6.1.4.1.674.10892.1.1400.40.1.5
Description Defines the status of the serial port.
Syntax DellStatus
Access Read-only

Table 1026. Serial Port Control Name

Name	<code>serialPortControlName</code>
Object ID	1.3.6.1.4.1.674.10892.1.1400.40.1.6
Description	Defines the setup BIOS name of the serial port.
Syntax	<code>DellString</code>
Access	Read-only

USB Control Table

These objects enable you to track the attributes of your Universal Serial Bus (USB).

Table 1027. USB Control Table

Name	<code>usbControlTable</code>
Object ID	1.3.6.1.4.1.674.10892.1.1400.50
Description	Defines the USB Table.
Syntax	<code>UsbControlTableEntry</code>
Access	Not accessible

Table 1028. USB Control Table Entry

Name	<code>usbControlTableEntry</code>
Object ID	1.3.6.1.4.1.674.10892.1.1400.50.1
Description	Defines the USB Table entry.
Syntax	<code>UsbControlTableEntry</code>
Access	Not accessible
Index	<code>usbControlchassisIndex</code> , <code>usbControlIndex</code>

Table 1029. USB Control Chassis Index

Name	<code>usbControlchassisIndex</code>
Object ID	1.3.6.1.4.1.674.10892.1.1400.50.1.1
Description	Defines index (one-based) of this chassis.
Syntax	<code>DellObjectRange</code>
Access	Read-only

Table 1030. USB Control Index

Name	<code>usbControlIndex</code>
Object ID	1.3.6.1.4.1.674.10892.1.1400.50.1.2
Description	Defines the index (one-based) of the USB in this chassis.

Syntax	DellObjectRange
Access	Read-only

Table 1031. USB Control Capabilities

Name	usbControlCapabilities
Object ID	1.3.6.1.4.1.674.10892.1.1400.50.1.3
Description	Defines the capabilities of the USB.
Syntax	DellStateCapabilities
Access	Read-only

Table 1032. USB Control Settings

Name	usbControlSettings
Object ID	1.3.6.1.4.1.674.10892.1.1400.50.1.4
Description	Defines the control settings for the USB.
Syntax	DellStateSettings
Access	Read-only

Table 1033. USB Control Status

Name	usbControlStatus
Object ID	1.3.6.1.4.1.674.10892.1.1400.50.1.5
Description	Defines the status of the USB.
Syntax	DellStatus
Access	Read-only

Table 1034. USB Control Name

Name	usbControlName
Object ID	1.3.6.1.4.1.674.10892.1.1400.50.1.6
Description	Defines the setup BIOS name of the USB.
Syntax	DellString
Access	Read-only

IDE Control Table

These objects enable you to track the attributes of Integrated Device Electronics (IDE) controller cards in your system.

Table 1035. IDE Control Table

Name	ideControlTable
Object ID	1.3.6.1.4.1.674.10892.1.1400.60
Description	Defines the IDE Control Table.
Syntax	IdeControlTableEntry

Access Not accessible

Table 1036. IDE Control Table Entry

Name ideControlTableEntry
Object ID 1.3.6.1.4.1.674.10892.1.1400.60.1
Description Defines the IDE Control Table entry.
Syntax IdeControlTableEntry
Access Not accessible
Index ideControlchassisIndex
,
ideControlIndex

Table 1037. IDE Control Chassis Index

Name ideControlchassisIndex
Object ID 1.3.6.1.4.1.674.10892.1.1400.60.1.1
Description Defines the index (one-based) of this chassis.
Syntax DellObjectRange
Access Read-only

Table 1038. IDE Control Index

Name ideControlIndex
Object ID 1.3.6.1.4.1.674.10892.1.1400.60.1.2
Description Defines the index (one-based) of the IDE controller in this chassis.
Syntax DellObjectRange
Access Read-only

Table 1039. IDE Control Capabilities Unique

Name ideControlCapabilitiesUnique
Object ID 1.3.6.1.4.1.674.10892.1.1400.60.1.3
Description Defines the capabilities of the IDE controller.
Syntax DellideControlCapabilitiesUnique (See [IDE Control Capabilities](#))
Access Read-only

Table 1040. IDE Control Settings Unique

Name ideControlSettingsUnique
Object ID 1.3.6.1.4.1.674.10892.1.1400.60.1.4
Description Defines the settings for the IDE controller.
Syntax DellideControlCapabilitiesUnique (See [IDE Control Capabilities](#))

Access Read-only

Table 1041. IDE Control Status

Name ideControlStatus
Object ID 1.3.6.1.4.1.674.10892.1.1400.60.1.5
Description Defines the status for the IDE controller.
Syntax DellStatus
Access Read-only

Table 1042. IDE Control Name

Name ideControlName
Object ID 1.3.6.1.4.1.674.10892.1.1400.60.1.6
Description Defines the setup BIOS name for the IDE controller.
Syntax DellStatus
Access Read-only

Diskette Control Table

Table 1043. Diskette Control Table

Name disketteControlTable
Object ID 1.3.6.1.4.1.674.10892.1.1400.70
Description Defines the Diskette Control Table.
Syntax DisketteControlTableEntry
Access Not accessible

Table 1044. Diskette Control Table Entry

Name disketteControlTableEntry
Object ID 1.3.6.1.4.1.674.10892.1.1400.70.1
Description Defines the Diskette Control Table entry.
Syntax DellStatus
Access Not accessible
Index disketteControlchassisIndex
,
disketteControlIndex

Table 1045. Diskette Control Chassis Index

Name disketteControlchassisIndex
Object ID 1.3.6.1.4.1.674.10892.1.1400.70.1.1

Description	Defines the index (one-based) of this chassis.
Syntax	DellObjectRange
Access	Read-only

Table 1046. Diskette Control Index

Name	disketteControlIndex
Object ID	1.3.6.1.4.1.674.10892.1.1400.70.1.2
Description	Defines the index of the diskette controllers in this chassis.
Syntax	DellObjectRange
Access	Read-only

Table 1047. Diskette Control Capabilities Unique

Name	disketteControlCapabilitiesUnique
Object ID	1.3.6.1.4.1.674.10892.1.1400.70.1.3
Description	Defines the capabilities of the diskette controller.
Syntax	DellDisketteControlCapabilitiesUnique
Access	Read-only

Table 1048. Diskette Control Settings Unique

Name	disketteControlSettingsUnique
Object ID	1.3.6.1.4.1.674.10892.1.1400.70.1.4
Description	Defines the control settings for the diskette controller.
Syntax	DellDisketteControlSettingsUnique (See Diskette Control Settings)
Access	Read-only

Table 1049. Diskette Control Status

Name	disketteControlStatus
Object ID	1.3.6.1.4.1.674.10892.1.1400.70.1.5
Description	Defines the status of the diskette controller.
Syntax	DellStatus
Access	Read-only

Table 1050. Diskette Control Name

Name	disketteControlName
Object ID	1.3.6.1.4.1.674.10892.1.1400.70.1.6
Description	Defines the setup BIOS name of the diskette controller.
Syntax	DellString
Access	Read-only

Network Interface Control Table

These MIB objects enable you to track the attributes of the NIC card for your system.

Table 1051. Network Interface Control Table

Name	<code>networkInterfaceControlTable</code>
Object ID	1.3.6.1.4.1.674.10892.1.1400.80
Description	Defines the Network Interface Control Table.
Syntax	<code>NetworkInterfaceControlTableEntry</code>
Access	Not accessible

Table 1052. Network Interface Control Table Entry

Name	<code>networkInterfaceControlTableEntry</code>
Object ID	1.3.6.1.4.1.674.10892.1.1400.80.1
Description	Defines the Network Interface Control Table entry.
Syntax	<code>NetworkInterfaceControlTableEntry</code>
Access	Not accessible
Index	<code>networkInterfaceControlchassisIndex</code> , <code>networkInterfaceControlIndex</code>

Table 1053. Network Interface Control Chassis Index

Name	<code>networkInterfaceControlchassisIndex</code>
Object ID	1.3.6.1.4.1.674.10892.1.1400.80.1.1
Description	Defines the index (one-based) of this chassis.
Syntax	<code>DllObjectRange</code>
Access	Read-only

Table 1054. Network Interface Control Index

Name	<code>networkInterfaceControlIndex</code>
Object ID	1.3.6.1.4.1.674.10892.1.1400.80.1.2
Description	Defines the index (one-based) of the network interface controller in this chassis.
Syntax	<code>DllObjectRange</code>
Access	Read-only

Table 1055. Network Interface Control Capabilities Unique

Name	<code>networkInterfaceControlCapabilitiesUnique</code>
Object ID	1.3.6.1.4.1.674.10892.1.1400.80.1.3
Description	Defines the capabilities of the NIC.

Syntax	DellNetworkInterfaceControlCapabilitiesUnique (See Network Interface Control Capabilities)
Access	Read-only

Table 1056. Network Interface Control Settings Unique

Name	networkInterfaceControlSettingsUnique
Object ID	1.3.6.1.4.1.674.10892.1.1400.80.1.4
Description	Defines the control settings for the NIC.
Syntax	DellNetworkInterfaceControlSettingsUnique (See Network Interface Control Settings)
Access	Read-write

Table 1057. Network Interface Control Status

Name	networkInterfaceControlStatus
Object ID	1.3.6.1.4.1.674.10892.1.1400.80.1.5
Description	Defines the status of the NIC.
Syntax	DellStatus
Access	Read-only

Table 1058. Network Interface Control Name

Name	networkInterfaceControlName
Object ID	1.3.6.1.4.1.674.10892.1.1400.80.1.6
Description	Defines the setup BIOS name of the NIC.
Syntax	DellString
Access	Read-only

BIOS Setting Table

These MIB objects enable you to track the BIOS settings for your system.


 **NOTE:** These MIB objects are supported on Dell PowerEdge xx2x systems.

Table 1059. BIOS Setting Table

Name	biosSettingTable
Object ID	1.3.6.1.4.1.674.10892.1.1400.90
Description	Defines the BIOS Setting Table.
Syntax	SEQUENCE OF BiosSettingTableEntry
Access	Not accessible

Table 1060. BIOS Setting Table Entry

Name	biosSettingTableEntry
Object ID	1.3.6.1.4.1.674.10892.1.1400.90.1
Description	Defines the BIOS Setting Table Entry.
Syntax	BiosSettingTableEntry
Access	Not accessible
Index	biosSettingChassisIndex , biosSettingIndex

Table 1061. BIOS Setting Chassis Index

Name	biosSettingChassisIndex
Object ID	1.3.6.1.4.1.674.10892.1.1400.90.1.1
Description	Defines the index (one based) of the associated chassis.
Syntax	DellObjectRange
Access	Read-only

Table 1062. BIOS Setting Index

Name	biosSettingIndex
Object ID	1.3.6.1.4.1.674.10892.1.1400.90.1.2
Description	Defines the index (one based) of the BIOS setting.
Syntax	DellObjectRange
Access	Read-only

Table 1063. BIOS Setting Name

Name	biosSettingName
Object ID	1.3.6.1.4.1.674.10892.1.1400.90.1.3
Description	Defines the name of the BIOS setting.
Syntax	DisplayString
Access	Read-only

Table 1064. BIOS Setting Display Name

Name	biosSettingDisplayName
Object ID	1.3.6.1.4.1.674.10892.1.1400.90.1.4
Description	Defines the display name of the BIOS setting.
Syntax	DisplayString
Access	Read-only

Table 1065. BIOS Setting Value Type

Name	biosSettingValueType
Object ID	1.3.6.1.4.1.674.10892.1.1400.90.1.5
Description	Defines the type of the BIOS setting value.
Syntax	DellBIOSSettingValueType
Access	Read-only

Table 1066. BIOS Setting Current Value

Name	biosSettingCurrentValue
Object ID	1.3.6.1.4.1.674.10892.1.1400.90.1.6
Description	Defines the current value of the BIOS setting.
Syntax	DisplayString
Access	Read-only

Table 1067. BIOS Setting Pending Value

Name	biosSettingPendingValue
Object ID	1.3.6.1.4.1.674.10892.1.1400.90.1.7
Description	Defines the pending value of the BIOS setting.
Syntax	DisplayString
Access	Read-only

Table 1068. BIOS Setting Default Value

Name	biosSettingDefaultValue
Object ID	1.3.6.1.4.1.674.10892.1.1400.90.1.8
Description	Defines the default value of the BIOS setting.
Syntax	DisplayString
Access	Read-only

Table 1069. BIOS Setting Possible Values

Name	biosSettingPossibleValues
Object ID	1.3.6.1.4.1.674.10892.1.1400.90.1.9
Description	Defines the possible values of the BIOS setting.
Syntax	DisplayString
Access	Read-only

Table 1070. BIOS Setting Display Order

Name	biosSettingDisplayOrder
Object ID	1.3.6.1.4.1.674.10892.1.1400.90.1.10

Description	Defines the recommended display order of the BIOS setting within its BIOS setting group.
Syntax	DellUnsigned32BitRange
Access	Read-only

Table 1071. BIOS Setting Group Display Name

Name	biosSettingGroupDisplayName
Object ID	1.3.6.1.4.1.674.10892.1.1400.90.1.11
Description	Defines the display name of the BIOS setting group for the BIOS setting.
Syntax	DisplayString
Access	Read-only

Table 1072. BIOS Setting FQDD

Name	biosSettingFQDD
Object ID	1.3.6.1.4.1.674.10892.1.1400.90.1.12
Description	Fully Qualified Device Descriptor (FQDD) for the BIOS setting.
Syntax	DisplayString
Access	Read-only

BIOS Group Variable Values

This section includes definitions for server administrator-specific variable values used in this section.

Table 1073. Speaker Control Capabilities Unique

Variable Name: DellSpeakerControlCapabilitiesUnique

Data Type: Integer

Possible Data Values	Meaning of Data Value
unknown (1)	Speaker control capabilities are unknown.
enableCapable (2)	Setup BIOS can enable speaker control.
lowCapable (4)	Setup BIOS can set the speaker volume to low.
mediumCapable (8)	Setup BIOS can set the speaker volume to medium.
highCapable (16)	Setup BIOS can set the speaker volume to high.
allVolumeCapable (30)	Setup BIOS can set the speaker volume to any of the three settings.

Table 1074. Speaker Control Settings Unique

Variable Name: DellSpeakerControlSettingsUnique

Data Type: Integer

Possible Data Values	Meaning of Data Value
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unknown (1)	Speaker control state is unknown.
enabled (2)	Speaker control is enabled.
low (4)	Speaker control volume is low.
medium (8)	Speaker control volume is medium.
high (16)	Speaker control volume is high.

Table 1075. Network Interface (NIF) Wakeup on LAN Capabilities Unique

Variable Name: DellNIFwakeonLanControlCapabilitiesUnique

Data Type: Integer

Possible Data Values

Meaning of Data Value

unknown (1)	Setup BIOS Wakeup on LAN capabilities are unknown.
enableCapable (2)	Setup BIOS is capable of enabling the NIF Wakeup on LAN.
addInCardCapable (4)	Setup BIOS is capable of enabling Wakeup on LAN by option card.
onBoardCapable (8)	Setup BIOS is capable of enabling Wakeup on LAN by integrated NIF.
bothCapable (14)	Setup BIOS is capable of enabling Wakeup on LAN by either option card or integrated NIF.

Table 1076. NIF Wakeup on LAN Control Settings Unique

Variable Name: DellNIFwakeonLanControlSettingsUnique

Data Type: Integer

Possible Data Values

Meaning of Data Value

unknown (1)	NIF Wakeup on LAN state is unknown.
enabled (2)	NIF Wakeup on LAN is enabled.
addInCard (4)	NIF Wakeup on LAN is by option card.
onBoard (8)	NIF Wakeup on LAN is by integrated NIF.
addInCardOrOnBoard (12)	NIF Wakeup on LAN is by option card or integrated NIF.

Table 1077. Boot Sequence Control Capabilities Unique

Variable Name: DellBootSequenceControlCapabilitiesUnique

Data Type: Integer

Possible Data Values

Meaning of Data Value

bootSequenceUnknown (1)	Boot sequence capabilities are unknown.
bootFromDisketteFirstCapable (2)	Setup BIOS can boot from a diskette first.

bootFromhardDriveFirstCapable (4)	Setup BIOS can boot from an IDE hard drive first.
bootFromDisketteORHardDriveFirstCapable (6)	Setup BIOS can boot from a diskette or an IDE hard drive first.
bootFromDeviceListCapable (8)	Setup BIOS can boot from a device list.
bootFromCDROMFirstCapable (16)	Setup BIOS can boot from a CD first.
allFirstCapable (30)	Setup BIOS can boot by any of the preceding methods first.

Table 1078. Boot Sequence Control Settings Unique

Variable Name: DellBootSequenceControlSettingsUnique

Data Type: Integer

Possible Data Values

Meaning of Data Value

bootSequenceUnknown (1)	Boot sequence state is unknown.
bootFromDisketteFirst (2)	Setup BIOS is set to boot by diskette first.
bootFromHardDriveFirst (4)	Setup BIOS is set to boot by IDE hard drive first.
bootFromDeviceList (8)	Setup BIOS is set to boot by a device list.
bootFromCDROMFirst (16)	Setup BIOS is set to boot by CD first.

Table 1079. BIOS Password Control Capabilities

Variable Name: DellBIOSPasswordControlCapabilities

Data Type: Integer

Possible Data Values

Meaning of Data Value

passwordControlCapabilitiesUnknown (1)	BIOS password capabilities are unknown.
passwordControlEnableCapable (2)	Setup BIOS is capable of enabling password changes.
passwordControlJumperDisableCapable (4)	Setup BIOS is capable of determining if password control can be jumper disabled.
passwordControlEnableANDJumperDisableCapable (6)	Setup BIOS is capable of enabling password changes and of determining if password control can be jumper disabled.

Table 1080. BIOS Password Control Settings Unique

Variable Name: DellBIOSPasswordControlSettingsUnique

Data Type: Integer

Possible Data Values

Meaning of Data Value

passwordControlSettingsUnknown (1)	Setup BIOS password state is unknown.
passwordControlEnabled (2)	Setup BIOS has password changes enabled.

passwordControlJumperDisabled (4)	Setup BIOS has determined that password control has been disabled by a jumper.
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Table 1081. BIOS Password Control Settings

Variable Name: DellBIOSPasswordControlSettingsUnique

Data Type: Integer

Possible Data Values

Meaning of Data Value

passwordControlSettingsUnknown (1)	Setup BIOS password state is unknown.
passwordControlEnabled (2)	Setup BIOS has password changes enabled.
passwordControlJumperDisabled (4)	Setup BIOS has determined that password control has been disabled by a jumper.

Table 1082. TPM Security Control Capabilities

Variable Name: DellTPMSecurityControlCapabilities

Data Type: Integer

Possible Data Values

Meaning of Data Value

offCapable (1)	TPM security can be Off.
onWithPrebootMeasurementsCapable (2)	TPM security can be On with Pre-boot Measurements.
onWithoutPrebootMeasurementsCapable (4)	TPM security can be On without Pre-boot Measurements.

Table 1083. TPM Security Control Setting

Variable Name: DellTPMSecurityControlSetting

Data Type: Integer

Possible Data Values

Meaning of Data Value

off (0)	TPM security is Off.
onWithPrebootMeasurements (1)	TPM security is On with Pre-boot Measurements.
onWithoutPrebootMeasurements (2)	TPM security is On without Pre-boot Measurements.

Table 1084. Parallel Port Control Capabilities

Variable Name: DellParallelPortControlCapabilitiesUnique

Data Type: Integer

Possible Data Values

Meaning of Data Value

unknown (1)	Setup BIOS parallel port capabilities are unknown.
enableCapable (2)	Setup BIOS can enable the parallel port.
lpt1Capable (4)	Setup BIOS can support parallel port 1.
lpt1andEnableCapable (6)	Setup BIOS has enabled parallel port 1.

lpt2Capable (8)	Setup BIOS can support parallel port 2.
lpt2andEnableCapable (10)	Setup BIOS has enabled parallel port 2.
lpt3Capable (16)	Setup BIOS can support parallel port 3.
lpt3andEnableCapable (18)	Setup BIOS has enabled parallel port 3.
allParallelPortCapable (30)	Setup BIOS can support any of the three parallel ports.

Table 1085. Parallel Port Control Settings

Variable Name: DellParallelPortControlSettingsUnique

Data Type: Integer

Possible Data Values

Meaning of Data Value

unknown (1)	Parallel port state is unknown.
enabled (2)	Setup BIOS has enabled the parallel port.
lpt1 (4)	Setup BIOS supports parallel port 1.
lpt1Enabled (6)	Setup BIOS has enabled parallel port 1.
lpt2 (8)	Setup BIOS supports parallel port 2.
lpt2Enabled (10)	Setup BIOS has enabled parallel port 2.
lpt3 (16)	Setup BIOS supports parallel port 3.

Table 1086. Parallel Port Control Mode Settings

Variable Name: DellParallelPortControlModeSettingsUnique

Data Type: Integer

Possible Data Values

Meaning of Data Value

unknown (1)	Parallel port mode is unknown.
atModeEnabled (2)	Setup BIOS has set the parallel port to AT mode.
ps2ModeEnabled (4)	Setup BIOS has set the parallel port to Personal Systems/2 (PS/2) mode.
ecpModeEnabled (8)	Setup BIOS has set the parallel port to Extended Capabilities Port (ECP) mode.
eppModeEnabled (16)	Setup BIOS has set the parallel port to Enhanced Parallel Port (EPP) mode.

Table 1087. Serial Port Control Capabilities

Variable Name: DellSerialPortControlCapabilitiesUnique

Data Type: Integer

Possible Data Values

Meaning of Data Value

unknown (1)	Setup BIOS serial port capabilities are unknown.
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enableCapable (2)	Setup BIOS can enable the serial port.
com1Capable (4)	Setup BIOS can support serial port 1.
enableAndCom1Capable (6)	Setup BIOS can enable serial port 1.
com2Capable (8)	Setup BIOS can support serial port 2.
enableAndCom2Capable (10)	Setup BIOS is capable of enabling serial port 2.
com3Capable (16)	Setup BIOS can support serial port 3.
enableAndCom3Capable (18)	Setup BIOS is capable of enabling serial port 3.
com4Capable (32)	Setup BIOS can support serial port 4.
enableAndCom4Capable (34)	Setup BIOS is capable of enabling serial port 4.
autoConfigCapable (64)	Setup BIOS is capable of autoconfiguring all serial ports.
com1OrCom3CapableAndAutoConfigCapable (86)	Setup BIOS has enabled autoconfiguration of COM1 and COM3 serial ports.
com2OrCom4CapableAndAutoConfigCapable (106)	Setup BIOS has enabled autoconfiguration of COM2 and COM4 serial ports.
allcomCapable (126)	Setup BIOS is capable of enabling or autoconfiguring all serial ports.

Table 1088. Serial Port Control Settings

Variable Name: DellSerialPortControlSettingsUnique

Data Type: Integer

Possible Data Values

unknown (1)
enabled (2)
com1 (4)
com1Enabled (6)
com2 (8)
com2Enabled (10)
com3 (16)
com3Enabled (18)
com4 (32)
com4Enabled (34)
comPortsAutoConfig (64)
enabledAndAutoConfig (66)

Meaning of Data Value

Serial port state is unknown.
Setup BIOS has enabled the serial port.
Setup BIOS has selected serial port 1.
Setup BIOS has enabled serial port 1.
Setup BIOS has selected serial port 2.
Setup BIOS has enabled serial port 2.
Setup BIOS has selected serial port 3.
Setup BIOS has enabled serial port 3.
Setup BIOS has selected serial port 4.
Setup BIOS has enabled serial port 4.
Setup BIOS has selected autoconfiguration of serial ports.
Setup BIOS has enabled autoconfiguration of serial ports.

Table 1089. IDE Control Capabilities

Variable Name: DellIdeControlCapabilitiesUnique

Data Type: Integer

Possible Data Values	Meaning of Data Value
unknown (1)	IDE control capabilities are unknown.
ideControlAutoConfigOrEnable Capable (2)	IDE controller is autoconfigurable or enable capable.

Table 1090. Diskette Control Settings

Variable Name: DellDisketteControlSettingsUnique

Data Type: Integer

Possible Data Values	Meaning of Data Value
unknown (1)	Diskette control state is unknown.
disketteControlAutoConfigEnabled OrEnabled (2)	Diskette control is set as autoconfigurable or enabled.

Table 1091. Network Interface Control Capabilities

Variable Name: DellNetworkInterfaceControlCapabilitiesUnique

Data Type: Integer

Possible Data Values	Meaning of Data Value
unknown (1)	Unknown setup BIOS network interface capabilities.
enableCapable (2)	Setup BIOS is capable of enabling the network interface.
enableWithoutPXECapable (4)	Setup BIOS is capable of enabling the NIF without Pre-boot eXecution Environment (PXE).

Table 1092. Network Interface Control Settings

Variable Name: DellNetworkInterfaceControlSettingsUnique

Data Type: Integer

Possible Data Values	Meaning of Data Value
unknown (1)	Network interface state is unknown.
enabled (2)	Network interface is enabled.
enabledWithoutPXE (4)	Network interface is enabled without PXE.

Table 1093. BIOS Setting Value Type

Variable Name: DellBIOSSettingValueType

Data Type: Integer

Possible Data Values	Meaning of Data Value
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`integer(1)`

Value type is integer.

`string(2)`

Value type is string.

`enumeration(3)`

Value type is enumeration.

`orderedList(4)`

Value type is ordered list.

Local Response Agent Group

The Local Response Agent Group provides information about various attributes of your system's local response agent (LRA). The LRA allows systems managers to predetermine how a system running the server administrator responds to a particular event type, such as the loss of redundancy in a specific component or the elevation of temperature in a chassis. Systems managers can configure the LRA to respond to an event type with a specific action. When the condition of the critical component worsens, the systems manager can escalate the response to make it more obvious to the operator.

For example, when a voltage probe on a monitored machine reaches a warning condition, the systems manager may want to notify the operator by causing the machine to beep. When the voltage probe reaches failure, the systems manager might want to have the system that has a failing component send a broadcast message to the management system and power off the troubled system.

LRA Group Tables

The following management information base (MIB) tables define LRA variable attributes:

- [LRA Global Settings Table](#)
- [LRA Action Table](#)

LRA Global Settings

The global settings table allows the systems manager to determine what LRA capabilities exist for a specific system that is running Server Administrator. Some machines may support all or some of the capabilities described in `DellLocalResponseAgentCapabilitiesUnique`. The LRA Global Settings Table also defines thermal shutdown capabilities and settings. In the event that a temperature probe determines the temperature is at or over the failure limit, the systems manager can set an action to be taken automatically.

Table 1094. LRA Global Settings Table

Name	<code>lRAGlobalSettingsTable</code>
Object ID	<code>1.3.6.1.4.1.674.10892.1.1500.10</code>
Description	Defines the LRA Global Settings Table.
Syntax	<code>SEQUENCE OF LRAGlobalSettingsTableEntry</code>
Access	Not accessible

Table 1095. LRA Global Settings Table Entry

Name	<code>lRAGlobalSettingsTableEntry</code>
Object ID	<code>1.3.6.1.4.1.674.10892.1.1500.10.1</code>
Description	Defines the LRA Global Settings Table entry.

Syntax	LRAGlobalSettingsTableEntry
Access	Not accessible
Index	lRAGlobalchassisIndex

Table 1096. LRA Global Chassis Index

Name	lRAGlobalchassisIndex
Object ID	1.3.6.1.4.1.674.10892.1.1500.10.1.1
Description	Defines the index (one-based) of this chassis.
Syntax	DellObjectRange
Access	Read-only

Table 1097. LRA Global State

Name	lRAGlobalState
Object ID	1.3.6.1.4.1.674.10892.1.1500.10.1.2
Description	Defines the state of the LRA global settings.
Syntax	DellStateSettings
Access	Read-only

Table 1098. LRA Global Settings Disable Time-out Value

Name	lRAGlobalSettingsDisableTimeoutValue
Object ID	1.3.6.1.4.1.674.10892.1.1500.10.1.3
Description	Defines the time-out duration countdown, in seconds, that the LRA global settings are disabled after a system shutdown and reboot.
Syntax	DellUnsigned32BitRange
Access	Read-only

Table 1099. LRA Global Settings Capabilities Unique

Name	lRAGlobalSettingsCapabilitiesUnique
Object ID	1.3.6.1.4.1.674.10892.1.1500.10.1.4
Description	Defines the set of global capabilities that all local response agents may or may not allow to be set or reset.
Syntax	DellLocalResponseAgentCapabilitiesUnique (LRA Capabilities Definitions)
Access	Read-only

Table 1100. LRA Global Thermal Shutdown Capabilities Unique

Name	lRAGlobalThermalShutdownCapabilitiesUnique
Object ID	1.3.6.1.4.1.674.10892.1.1500.10.1.5

Description	Defines the set of thermal shutdown capabilities that are supported by the LRA.
Syntax	DellLRAThermalShutdownCapabilitiesUnique
Access	Read-only

Table 1101. LRA Global Thermal Shutdown State Settings Unique

Name	lRAGlobalThermalShutdownStateSettingsUnique
Object ID	1.3.6.1.4.1.674.10892.1.1500.10.1.6
Description	Defines the set of thermal shutdown state and settings that the local response agent supports.
Syntax	DellLRAThermalShutdownStateSettingsUnique
Access	Read-write

LRA Action Table

The `DellLocalResponseAgentCapabilitiesUnique` variable in the global action table defines the capabilities that are allowed for a particular system. The LRA Action Table that follows selects which of the system's capabilities (global actions) are to be enabled.

Table 1102. LRA Action Table

Name	lRAActionTableTable
Object ID	1.3.6.1.4.1.674.10892.1.1500.20
Description	Defines the LRA Action Table.
Syntax	SEQUENCE OF LRAActionTableTableEntry
Access	Not accessible

Table 1103. LRA Action Table Entry

Name	lRAActionTableTableEntry
Object ID	1.3.6.1.4.1.674.10892.1.1500.20.1
Description	Defines the LRA Action Table entry.
Syntax	LRAActionTableTableEntry
Access	Not accessible
Index	lRAActionTablechassisIndex , lRAActionTableActionNumberIndex

Table 1104. LRA Action Table Chassis Index

Name	lRAActionTablechassisIndex
Object ID	1.3.6.1.4.1.674.10892.1.1500.20.1.1

Description	Defines the index (one-based) of this chassis.
Syntax	DellObjectRange
Access	Read-only

Table 1105. LRA Action Table Action Number Index

Name	<code>lRAActionTableActionNumberIndex</code>
Object ID	1.3.6.1.4.1.674.10892.1.1500.20.1.2
Description	<p>Defines the LRA action number index. The action number indexes are as follows:</p> <ul style="list-style-type: none"> • 160 — temperature failure action definition • 168 — cooling device failure action definition • 172 — voltage failure action definition • 200 — temperature warning action definition • 202 — voltage warning action definition • 204 — cooling device warning action definition • 206 — amperage failure action definition • 208 — amperage warning action definition • 210 — a power or cooling unit redundancy lost action definition • 212 — a power or cooling unit redundancy degraded action definition • 214 — power supply failed action definition • 220 — chassis intrusion action definition • 228 — memory device warning action definition • 474 — memory device failure action definition • 1006 — automatic system recovery (ASR) action definition • 1353 — power supply warning action definition • 1553 — log near full action definition • 1554 — log full action definition • 1603 — processor warning action definition • 1604 — processor failure action definition • 1703 — battery warning action definition • 1704 — battery failure action definition
Syntax	DellUnsigned16BitRange
Access	Read-only

Table 1106. LRA Action Table User Application Name

Name	<code>lRAActionTableUserApplicationName</code>
Object ID	1.3.6.1.4.1.674.10892.1.1500.20.1.3
Description	<p>When the execute application value is set, provides the following user-assignable LRA information:</p> <ul style="list-style-type: none"> • Name of the user application executable path • File name to execute

Syntax	DisplayString (SIZE (0..256))
Access	Read-write

Table 1107. LRA Action Table Settings Unique

Name	lRAActionTableSettingsUnique
Object ID	1.3.6.1.4.1.674.10892.1.1500.20.1.4
Description	Defines the LRA settings.
Syntax	DellLocalResponseAgentSettingsUnique (Local Response Agent Settings Unique)
Access	Read-write

Local Response Agent Variable Values

This section includes definitions for server administrator-specific variable values used in this section.

Table 1108. LRA Capabilities Definitions

Variable Name: DellLocalResponseAgentCapabilitiesUnique

Data Type: Integer

Possible Data Values

speakerControlCapable (1)

consoleAlertCapable (2)

broadcastMessageCapable (4)

osShutDownCapable (8)

rebootCapable (16)

powerCycleCapable (32)

powerOFFCapable (64)

executeApplicationCapable (256)

lraFullyCapable (383)

Meaning of Data Value

The LRA can issue a speaker beep.

The LRA can alert the console.

The LRA can broadcast a message.

The LRA can shut down the operating system.

The LRA can reboot the system.

The LRA is capable of a system power cycle.

The LRA can shut the system power off.

The LRA can execute a user mode application.

The LRA has all of the preceding capabilities.

Table 1109. LRA Thermal Shutdown Capabilities Unique

Variable Name: DellLRAThermalShutdownCapabilitiesUnique

Data Type: Integer

Possible Data Values

none (0)

Unknown capabilities (1)

enableCapable (2)

Meaning of Data Value

The LRA has no thermal shutdown capabilities.

The LRA's thermal shutdown capabilities are unknown.

The LRA can be disabled (offline, a binary 0 value) or enabled (online, a binary 1 value).

warningCapable (4)	The LRA can carry out chassis-determined action(s) when a warning condition is detected.
enableOnWarningCapable (6)	The LRA enables activation of chassisdetermined action(s) when a warning condition is detected.
failureCapable (8)	The LRA can carry out chassis-determined action(s) when a failure condition is detected.
enableOnFailureCapable (10)	The LRA enables activation of chassisdetermined action(s) when a failure condition is detected.
enableOnWarningOrFailure Capable (14)	The LRA enables activation of chassisdetermined action(s) when either a failure or a warning condition is detected.

Table 1110. Local Response Agent Settings Unique

Variable Name: DellLocalResponseAgentSettingsUnique

Data Type: Integer

Possible Data Values

Meaning of Data Value

speakerControl (1)	LRA is set to issue a speaker beep.
consoleAlert (2)	LRA is set to issue a console alert.
broadcastMessage (4)	LRA is set to issue a broadcast message.
osShutDown (8)	LRA is set to issue an operating system shutdown.
reboot (16)	LRA is set to issue a system reboot.
powerCycle (32)	LRA is set to issue a system power cycle.
powerOFF (64)	LRA is set to issue a system power off.
executeApplication (256)	LRA is set to start a user mode application.
allLRASettingsUnique (383)	LRA is set to all LRA settings combinations.

Cost of Ownership Group

The Cost of Ownership (COO) Group provides a full set of cost-tracking objects, including fields for the computer's manufacturer, insurer, lessor, warranty, user, trouble tickets, and many others. You can use these management information base (MIB) objects to obtain accurate and complete measurements of the cost of each computer asset in your organization.

Cost of Ownership Group Tables

The Cost of Ownership Group defines objects in the following MIB tables:

- [Cost of Ownership Table](#)
- [COO Service Contract Table](#)
- [COO Cost Event Log Table](#)
- [COO Warranty Table](#)
- [COO Lease Information Table](#)
- [COO Schedule Number Table](#)
- [COO Options Table](#)
- [COO Maintenance Table](#)
- [COO Repair Table](#)
- [COO Support Information Table](#)
- [COO Trouble Ticket Table](#)

Cost of Ownership Table

The following MIB object sets up the Cost of Ownership Table.

Table 1111. Cost of Ownership

Name	cooTable
Object ID	1.3.6.1.4.1.674.10892.1.1600.10
Description	Defines the Cost of Ownership Table.
Syntax	SEQUENCE OF CooTableEntry
Access	Not accessible

Table 1112. Cost of Ownership Table Entry

Name	cooTableEntry
Object ID	1.3.6.1.4.1.674.10892.1.1600.10.1
Description	Defines the Cost of Ownership Table entry.

Syntax	CooTableEntry
Access	Not accessible
Index	coochassisIndex

Table 1113. COO Chassis Index

Name	coochassisIndex
Object ID	1.3.6.1.4.1.674.10892.1.1600.10.1.1
Description	Defines the index (one-based) of this chassis.
Syntax	CooTableEntry
Access	Read-only

Table 1114. COO State

Name	cooState
Object ID	1.3.6.1.4.1.674.10892.1.1600.10.1.2
Description	Defines the acquisition state of the system.
Syntax	DellStateSettings
Access	Read-only

Table 1115. COO Acquisition Purchase Cost

Name	cooAquisitionPurchaseCost
Object ID	1.3.6.1.4.1.674.10892.1.1600.10.1.3
Description	Defines the purchase cost of the system.
Syntax	DellUnsigned32BitRange
Access	Read-write

Table 1116. COO Acquisition Waybill Number

Name	cooAquisitionWayBillNumber
Object ID	1.3.6.1.4.1.674.10892.1.1600.10.1.4
Description	Defines the waybill number of the system.
Syntax	DellUnsigned32BitRange
Access	Read-write

Table 1117. COO Acquisition Install Date Name

Name	cooAquisitionInstallDateName
Object ID	1.3.6.1.4.1.674.10892.1.1600.10.1.5
Description	Defines the installation date and time for the system.

Syntax	DellDateName
Access	Read-write

Table 1118. COO Acquisition Purchase Order

Name	cooAquisitionPurchaseOrder
Object ID	1.3.6.1.4.1.674.10892.1.1600.10.1.6
Description	Defines the purchase order number of the system.
Syntax	DellUnsigned32BitRange
Access	Read-write

Table 1119. COO Acquisition Purchase Date Name

Name	cooAquisitionPurchaseDateName
Object ID	1.3.6.1.4.1.674.10892.1.1600.10.1.7
Description	Defines the purchase date and time of the system.
Syntax	DellDateName
Access	Read-write

Table 1120. COO Acquisition Signing Authority Name

Name	cooAquisitionSigningAuthorityName
Object ID	1.3.6.1.4.1.674.10892.1.1600.10.1.8
Description	Defines the name of the authorized person who signs for the system.
Syntax	DellCostofOwnershipString
Access	Read-write

Table 1121. COO Original Machine Configuration Expensed

Name	cooOriginalMachineConfigurationExpensed
Object ID	1.3.6.1.4.1.674.10892.1.1600.10.1.9
Description	Specifies whether the purchase of this system was expensed.
Syntax	DellBoolean
Access	Read-write

Table 1122. COO Original Machine Configuration Vendor Name

Name	cooOriginalMachineConfigurationVendorName
Object ID	1.3.6.1.4.1.674.10892.1.1600.10.1.10
Description	Defines the vendor name of the system.
Syntax	DellCostofOwnershipString

Access Read-only

Table 1123. COO Cost Center Information Vendor Name

Name `cooCostCenterInformationVendorName`
Object ID 1.3.6.1.4.1.674.10892.1.1600.10.1.11
Description Defines the cost center name of the system.
Syntax `DellCostofOwnershipString`
Access Read-write

Table 1124. COO User Information User Name

Name `cooUserInformationUserName`
Object ID 1.3.6.1.4.1.674.10892.1.1600.10.1.12
Description Defines the name of the user for this system.
Syntax `DellCostofOwnershipString`
Access Read-write

Table 1125. COO Extended Warranty Start Date Name

Name `cooExtendedWarrantyStartDateName`
Object ID 1.3.6.1.4.1.674.10892.1.1600.10.1.13
Description Defines the extended warranty start date for this system.
Syntax `DellDateName`
Access Read-write

Table 1126. COO Extended Warranty End Date Name

Name `cooExtendedWarrantyEndDateName`
Object ID 1.3.6.1.4.1.674.10892.1.1600.10.1.14
Description Defines the extended warranty end date for this system.
Syntax `DellDateName`
Access Read-write

Table 1127. COO Extended Warranty Cost

Name `cooExtendedWarrantyCost`
Object ID 1.3.6.1.4.1.674.10892.1.1600.10.1.15
Description Defines the extended warranty cost date for this system.
Syntax `DellUnsigned32BitRange`

Access Read-write

Table 1128. COO Extended Warranty Provider Name

Name `cooExtendedWarrantyProviderName`
Object ID 1.3.6.1.4.1.674.10892.1.1600.10.1.16
Description Defines the name of the extended warranty provider for this system.
Syntax `DellCostofOwnershipString`
Access Read-write

Table 1129. COO Ownership Code

Name `cooOwnershipCode`
Object ID 1.3.6.1.4.1.674.10892.1.1600.10.1.17
Description Defines the ownership code for this system.
Syntax `DellCooOwnershipCodes` (See [COO Ownership Codes](#))
Access Read-write

Table 1130. COO Corporate Owner Name

Name `cooCorporateOwnerName`
Object ID 1.3.6.1.4.1.674.10892.1.1600.10.1.18
Description Defines the name of the corporation that owns this system.
Syntax `DellCostofOwnershipString`
Access Read-write

Table 1131. COO Hazardous Waste Code Name

Name `cooHazardousWasteCodeName`
Object ID 1.3.6.1.4.1.674.10892.1.1600.10.1.19
Description Defines the hazardous waste code for this system.
Syntax `DellCostofOwnershipString`
Access Read-write

Table 1132. COO Deployment Date Length

Name `cooDeploymentDateLength`
Object ID 1.3.6.1.4.1.674.10892.1.1600.10.1.20
Description Defines the deployment time for this system.
Syntax `DellUnsigned32BitRange`

Access Read-write

Table 1133. COO Deployment Duration Type

Name `cooDeploymentDurationType`
Object ID 1.3.6.1.4.1.674.10892.1.1600.10.1.21
Description Defines the deployment time units for this system.
Syntax DellCooHourDayDurationType (See [COO Hour Day Duration Type](#))
Access Read-write

Table 1134. COO Training Name

Name `cooTrainingName`
Object ID 1.3.6.1.4.1.674.10892.1.1600.10.1.22
Description Defines the training that the user has for this system.
Syntax DellCostofOwnershipString
Access Read-write

Table 1135. COO Outsourcing Problem Description Name

Name `cooOutsourcingProblemDescriptionName`
Object ID 1.3.6.1.4.1.674.10892.1.1600.10.1.23
Description Defines a problem encountered with the outsourcing service provider.
Syntax DellCostofOwnershipString
Access Read-write

Table 1136. COO Outsourcing Service Fee Name

Name `cooOutsourcingServiceFeeName`
Object ID 1.3.6.1.4.1.674.10892.1.1600.10.1.24
Description Defines amount that the outsourcing vendor charges for service.
Syntax DellCostofOwnershipString
Access Read-write

Table 1137. COO Outsourcing Signing Authority Name

Name `cooOutsourcingSigningAuthorityName`
Object ID 1.3.6.1.4.1.674.10892.1.1600.10.1.25
Description Defines the name of the person who can sign the authorization for service.
Syntax DellCostofOwnershipString

Access Read-write

Table 1138. COO Outsourcing Provider Fee Name

Name cooOutsourcingProviderFeeName
Object ID 1.3.6.1.4.1.674.10892.1.1600.10.1.26
Description Defines any additional outsourcing charge for service.
Syntax DellCostofOwnershipString
Access Read-write

Table 1139. COO Outsourcing Provider Service Level Name

Name cooOutsourcingProviderServiceLevelName
Object ID 1.3.6.1.4.1.674.10892.1.1600.10.1.27
Description Defines the service level agreement for the system.
Syntax DellCostofOwnershipString
Access Read-write

Table 1140. COO Insurance Company Name

Name cooInsuranceCompanyName
Object ID 1.3.6.1.4.1.674.10892.1.1600.10.1.28
Description Defines the name of the company that insures this system.
Syntax DellCostofOwnershipString
Access Read-write

Table 1141. COO Box Asset Tag Name

Name cooBoxAssetTagName
Object ID 1.3.6.1.4.1.674.10892.1.1600.10.1.29
Description Defines the name of the asset tag.
Syntax DellCostofOwnershipString
Access Read-write

Table 1142. COO Box System Name

Name cooBoxSystemName
Object ID 1.3.6.1.4.1.674.10892.1.1600.10.1.30
Description Defines the name of the system.
Syntax DellCostofOwnershipString

Access Read-write

Table 1143. COO Box Central Processing Unit (CPU) Serial Number Name

Name `cooBoxCPUSerialNumberName`
Object ID 1.3.6.1.4.1.674.10892.1.1600.10.1.31
Description Defines the name of the CPU serial number for the system.
Syntax `DellCostofOwnershipString`
Access Read-write

Table 1144. COO Operating System Upgrade Type Name

Name `cooOperatingSystemUpgradeTypeName`
Object ID 1.3.6.1.4.1.674.10892.1.1600.10.1.32
Description Defines the name of the operating system on this system.
Syntax `DellCostofOwnershipString`
Access Read-write

Table 1145. COO Operating System Upgrade Patch Level Name

Name `cooOperatingSystemUpgradePatchLevelName`
Object ID 1.3.6.1.4.1.674.10892.1.1600.10.1.33
Description Defines the name of the operating system patch level for this system.
Syntax `DellCostofOwnershipString`
Access Read-write

Table 1146. COO Operating System Upgrade Date

Name `cooOperatingSystemUpgradeDate`
Object ID 1.3.6.1.4.1.674.10892.1.1600.10.1.34
Description Defines the upgrade file date for this operating system.
Syntax `DellCostofOwnershipString`
Access Read-write

Table 1147. COO Depreciation Duration

Name `cooDepreciationDuration`
Object ID 1.3.6.1.4.1.674.10892.1.1600.10.1.35
Description Defines the length of depreciation for this system.
Syntax `DellUnsigned32BitRange`

Access Read-write

Table 1148. COO Depreciation Duration Type

Name `cooDepreciationDurationType`
Object ID 1.3.6.1.4.1.674.10892.1.1600.10.1.36
Description Defines the unit of time for the depreciation of this system.
Syntax `DellCooMonthYearDurationType`
Access Read-write

Table 1149. COO Depreciation Percentage

Name `cooDepreciationPercentage`
Object ID 1.3.6.1.4.1.674.10892.1.1600.10.1.37
Description Defines the percentage of depreciation for this system.
Syntax `DellUnsigned32BitRange`
Access Read-write

Table 1150. COO Depreciation Method Name

Name `cooDepreciationMethodName`
Object ID 1.3.6.1.4.1.674.10892.1.1600.10.1.38
Description Defines the name of the depreciation method for this system.
Syntax `DellCostofOwnershipString`
Access Read-write

Table 1151. COO Registration Is Registered

Name `cooRegistrationIsRegistered`
Object ID 1.3.6.1.4.1.674.10892.1.1600.10.1.39
Description Specifies whether this system is registered or not.
Syntax `DellBoolean`
Access Read-write

COO Service Contract Table

The service contract table provides MIB objects that help you track the name, vendor, and type of service contract you have for your system.

Table 1152. COO Service Contract Table

Name `cooServiceContractTable`
Object ID 1.3.6.1.4.1.674.10892.1.1600.20

Description	Defines the COO Service Contract Table.
Syntax	SEQUENCE OF CooServiceContractTableEntry
Access	Not accessible

Table 1153. COO Service Contract Table Entry

Name	cooServiceContractTableEntry
Object ID	1.3.6.1.4.1.674.10892.1.1600.20.1
Description	Defines the COO Service Contract Table entry.
Syntax	CooServiceContractTableEntry
Access	Not accessible
Index	cooServiceContractchassisIndex , cooServiceContractIndex

Table 1154. COO Service Contract Chassis Index

Name	cooServiceContractchassisIndex
Object ID	1.3.6.1.4.1.674.10892.1.1600.20.1.1
Description	Defines the index (one-based) of this chassis.
Syntax	DellObjectRange
Access	Read-only

Table 1155. COO Service Contract Index

Name	cooServiceContractIndex
Object ID	1.3.6.1.4.1.674.10892.1.1600.20.1.2
Description	Defines the index (one-based) of this service contract.
Syntax	DellObjectRange
Access	Read-only

Table 1156. COO Service Contract State

Name	cooServiceContractState
Object ID	1.3.6.1.4.1.674.10892.1.1600.20.1.3
Description	Defines the status of the service contract for this system.
Syntax	DellStateSettings
Access	Read-only

Table 1157. COO Service Contract Was Renewed

Name	cooServiceContractWasRenewed
Object ID	1.3.6.1.4.1.674.10892.1.1600.20.1.4
Description	Specifies whether the service contract for this system was renewed.
Syntax	DellBoolean
Access	Read-write

Table 1158. COO Service Contract Type Name

Name	cooServiceContractTypeName
Object ID	1.3.6.1.4.1.674.10892.1.1600.20.1.5
Description	Defines the name of the service contract type for this system.
Syntax	DellCostofOwnershipString
Access	Read-write

Table 1159. COO Service Contract Vendor Name

Name	cooServiceContractVendorName
Object ID	1.3.6.1.4.1.674.10892.1.1600.20.1.6
Description	Defines the name of the service contract provider for this system.
Syntax	DellCostofOwnershipString
Access	Read-write

COO Cost Event Log Table

The COO Cost Event Log Table provides MIB objects that allow you to track the duration and type of events that are logged for a particular system.

Table 1160. COO Cost Event Log Table

Name	cooCostEventLogTable
Object ID	1.3.6.1.4.1.674.10892.1.1600.30
Description	Defines the COO Cost Event Log Table.
Syntax	SEQUENCE OF COO CostEventLogTableEntry
Access	Not accessible

Table 1161. COO Cost Event Log Table Entry

Name	cooCostEventLogTableEntry
Object ID	1.3.6.1.4.1.674.10892.1.1600.30.1
Description	Defines the COO Cost Event Log Table entry.

Syntax	cooCostEventLogTableEntry
Access	Not accessible
Index	cooCostEventLogchassisIndex , cooCostEventLogIndex

Table 1162. COO Cost Event Log Chassis Index

Name	cooCostEventLogchassisIndex
Object ID	1.3.6.1.4.1.674.10892.1.1600.30.1.1
Description	Defines the index (one-based) of this chassis.
Syntax	DellObjectRange
Access	Read-only

Table 1163. COO Cost Event Log Index

Name	cooCostEventLogIndex
Object ID	1.3.6.1.4.1.674.10892.1.1600.30.1.2
Description	Defines the index (one-based) of the cost event log.
Syntax	DellObjectRange
Access	Read-only

Table 1164. COO Cost Event Log State

Name	cooCostEventLogState
Object ID	1.3.6.1.4.1.674.10892.1.1600.30.1.3
Description	Defines the cost event log state of this system.
Syntax	DellStateSettings
Access	Read-only

Table 1165. COO Cost Event Log Duration

Name	cooCostEventLogDuration
Object ID	1.3.6.1.4.1.674.10892.1.1600.30.1.4
Description	Defines the duration of the event for this system.
Syntax	DellUnsigned32BitRange
Access	Read-write

Table 1166. COO Cost Event Log Duration Type

Name	<code>cooCostEventLogDurationType</code>
Object ID	1.3.6.1.4.1.674.10892.1.1600.30.1.5
Description	Defines the duration type of the event for this system.
Syntax	DellCOOHourDayDurationType (See COO Hour Day Duration Type)
Access	Read-write

Table 1167. COO Cost Event Log Description Name

Name	<code>cooCostEventLogDescriptionName</code>
Object ID	1.3.6.1.4.1.674.10892.1.1600.30.1.6
Description	Defines the name of the event description.
Syntax	DellCostofOwnershipString
Access	Read-write

COO Warranty Table

The COO Warranty Table objects enable you to track facts about the type and duration of the warranty for a particular system.

Table 1168. COO Warranty Table

Name	<code>cooWarrantyTable</code>
Object ID	1.3.6.1.4.1.674.10892.1.1600.40
Description	Defines the COO Warranty Table.
Syntax	SEQUENCE OF <code>CooWarrantyTableEntry</code>
Access	Not accessible

Table 1169. COO Warranty Table Entry

Name	<code>cooWarrantyTableEntry</code>
Object ID	1.3.6.1.4.1.674.10892.1.1600.40.1
Description	Defines the COO Warranty Table entry.
Syntax	<code>CooWarrantyTableEntry</code>
Access	Not accessible
Index	<code>cooWarrantychassisIndex</code> , <code>cooWarrantyIndex</code>

Table 1170. COO Warranty Chassis Index

Name	<code>cooWarrantyChassisIndex</code>
Object ID	1.3.6.1.4.1.674.10892.1.1600.40.1.1
Description	Defines the index (one-based) of this chassis.
Syntax	DellObjectRange
Access	Read-write

Table 1171. COO Warranty Index

Name	<code>cooWarrantyIndex</code>
Object ID	1.3.6.1.4.1.674.10892.1.1600.40.1.2
Description	Defines the index of the warranty for this system.
Syntax	DellObjectRange
Access	Read-only

Table 1172. COO Warranty State

Name	<code>cooWarrantyState</code>
Object ID	1.3.6.1.4.1.674.10892.1.1600.40.1.3
Description	Defines the state of the warranty for this system.
Syntax	DellStateSettings
Access	Read-only

Table 1173. COO Warranty Duration

Name	<code>cooWarrantyDuration</code>
Object ID	1.3.6.1.4.1.674.10892.1.1600.40.1.4
Description	Defines the duration of the warranty.
Syntax	DellUnsigned32BitRange
Access	Read-write

Table 1174. COO Warranty Duration Type

Name	<code>cooWarrantyDurationType</code>
Object ID	1.3.6.1.4.1.674.10892.1.1600.40.1.5
Description	Defines the warranty duration type for the system.
Syntax	DellCOODayMonthDurationType
Access	Read-write

Table 1175. COO Warranty End Date Name

Name	cooWarrantyEndDateName
Object ID	1.3.6.1.4.1.674.10892.1.1600.40.1.6
Description	Defines the warranty end date for this system.
Syntax	DellDateName
Access	Read-write

Table 1176. COO Warranty Cost

Name	cooWarrantyCost
Object ID	1.3.6.1.4.1.674.10892.1.1600.40.1.7
Description	Defines the cost of the warranty for this system.
Syntax	DellUnsigned32BitRange
Access	Read-write

COO Lease Information Table

The COO lease information MIB objects enable you to track information about your lessor, lease duration, and lease type for each system.

Table 1177. COO Lease Information Table

Name	cooLeaseInformationTable
Object ID	1.3.6.1.4.1.674.10892.1.1600.50
Description	Defines the COO Lease Information Table.
Syntax	SEQUENCE OF CooLeaseInformationTableEntry
Access	Not accessible

Table 1178. COO Lease Information Table Entry

Name	cooLeaseInformationTableEntry
Object ID	1.3.6.1.4.1.674.10892.1.1600.50.1
Description	Defines the COO Lease Information Table entry.
Syntax	CooLeaseInformationTableEntry
Access	Not accessible
Index	cooLeaseInformationchassisIndex , cooLeaseInformationIndex

Table 1179. COO Lease Information Chassis Index

Name	<code>cooLeaseInformationchassisIndex</code>
Object ID	1.3.6.1.4.1.674.10892.1.1600.50.1.1
Description	Defines the index (one-based) of this chassis.
Syntax	DellObjectRange
Access	Read-only

Table 1180. COO Lease Information Index

Name	<code>cooLeaseInformationIndex</code>
Object ID	1.3.6.1.4.1.674.10892.1.1600.50.1.2
Description	Defines the index of the lease information for this system.
Syntax	DellObjectRange
Access	Read-only

Table 1181. COO Lease Information State

Name	<code>cooLeaseInformationState</code>
Object ID	1.3.6.1.4.1.674.10892.1.1600.50.1.3
Description	Defines the lease information state for this system.
Syntax	DellStateSettings
Access	Read-write

Table 1182. COO Lease Information Multiple Schedules

Name	<code>cooLeaseInformationMultipleSchedules</code>
Object ID	1.3.6.1.4.1.674.10892.1.1600.50.1.4
Description	Defines whether there are multiple schedules for this lease.
Syntax	DellBoolean
Access	Read-only

Table 1183. COO Lease Information Buyout Amount

Name	<code>cooLeaseInformationBuyOutAmount</code>
Object ID	1.3.6.1.4.1.674.10892.1.1600.50.1.5
Description	Defines the balance purchase price for this system.
Syntax	DellUnsigned32BitRange
Access	Read-write

Table 1184. COO Lease Information Lease Rate Factor

Name	<code>cooLeaseInformationLeaseRateFactor</code>
Object ID	1.3.6.1.4.1.674.10892.1.1600.50.1.6
Description	Defines the rate factor for the lease on this system.
Syntax	<code>DellUnsigned32BitRange</code>
Access	Read-write

Table 1185. COO Lease Information End Date Name

Name	<code>cooLeaseInformationEndDateName</code>
Object ID	1.3.6.1.4.1.674.10892.1.1600.50.1.7
Description	Defines the end date for the lease on this system.
Syntax	<code>DellDateName</code>
Access	Read-write

Table 1186. COO Lease Information Fair Market Value

Name	<code>cooLeaseInformationFairMarketValue</code>
Object ID	1.3.6.1.4.1.674.10892.1.1600.50.1.8
Description	Defines the fair market value of this system.
Syntax	<code>DellUnsigned32BitRange</code>
Access	Read-write

Table 1187. COO Lease Information Lessor Name

Name	<code>cooLeaseInformationLessorName</code>
Object ID	1.3.6.1.4.1.674.10892.1.1600.50.1.9
Description	Defines the name of the lessor of this system.
Syntax	<code>DellCostofOwnershipString</code>
Access	Read-write

COO Schedule Number Table

Table 1188. COO Schedule Number Table

Name	<code>cooScheduleNumberTable</code>
Object ID	1.3.6.1.4.1.674.10892.1.1600.60
Description	Defines the COO Schedule Number Information Table.
Syntax	SEQUENCE OF <code>CooScheduleNumberTableEntry</code>

Access Not accessible

Table 1189. COO Schedule Number Table Entry

Name `cooScheduleNumberTableEntry`
Object ID 1.3.6.1.4.1.674.10892.1.1600.60.1
Description Defines the COO Schedule Number Information Table entry.
Syntax `CooScheduleNumberTableEntry`
Access Not accessible
Index `cooScheduleNumberchassisIndex`
,
`cooScheduleNumberIndex`

Table 1190. COO Schedule Number Chassis Index

Name `cooScheduleNumberchassisIndex`
Object ID 1.3.6.1.4.1.674.10892.1.1600.60.1.1
Description Defines the index (one-based) of this chassis.
Syntax `DellObjectRange`
Access Read-only

Table 1191. COO Schedule Number Index

Name `cooScheduleNumberIndex`
Object ID 1.3.6.1.4.1.674.10892.1.1600.60.1.2
Description Defines the index of the schedule number information.
Syntax `DellObjectRange`
Access Read-only

Table 1192. COO Schedule Number State

Name `cooScheduleNumberState`
Object ID 1.3.6.1.4.1.674.10892.1.1600.60.1.3
Description Defines the schedule number information state of this system.
Syntax `DellStateSettings`
Access Read-only

Table 1193. COO Schedule Number Lease Information Index Reference

Name `cooScheduleNumberLeaseInformationIndexReference`
Object ID 1.3.6.1.4.1.674.10892.1.1600.60.1.4

Description	Defines the lease information index number to reference the schedule number.
Syntax	DellUnsigned32BitRange
Access	Read-write

Table 1194. COO Schedule Number Description Name

Name	cooScheduleNumberDescriptionName
Object ID	1.3.6.1.4.1.674.10892.1.1600.60.1.5
Description	Describes the schedule number information.
Syntax	DellCostofOwnershipString
Access	Read-write

COO Options Table

Table 1195. COO Options Table

Name	cooOptionsTable
Object ID	1.3.6.1.4.1.674.10892.1.1600.70
Description	Defines the COO Options Table.
Syntax	SEQUENCE OF CoOptionsTableEntry
Access	Not accessible

Table 1196. COO Options Table Entry

Name	cooOptionsTableEntry
Object ID	1.3.6.1.4.1.674.10892.1.1600.70.1
Description	Defines the COO Options Table entry.
Syntax	CooOptionsTableEntry
Access	Not accessible
Index	cooOptionschassisIndex , cooOptionsIndex

Table 1197. COO Options Chassis Index

Name	cooOptionschassisIndex
Object ID	1.3.6.1.4.1.674.10892.1.1600.70.1.1
Description	Defines the index (one-based) of this chassis.
Syntax	DellObjectRange

Access Read-only

Table 1198. COO Options Index

Name `cooOptionsIndex`
Object ID 1.3.6.1.4.1.674.10892.1.1600.70.1.2
Description Defines the index (one-based) of the option information for this system.
Syntax `DellObjectRange`
Access Read-only

Table 1199. COO Options State

Name `cooOptionsState`
Object ID 1.3.6.1.4.1.674.10892.1.1600.70.1.3
Description Defines the option information state for this system.
Syntax `DellStateSettings`
Access Read-only

Table 1200. COO Options Lease Information Index Reference

Name `cooOptionsLeaseInformationIndexReference`
Object ID 1.3.6.1.4.1.674.10892.1.1600.70.1.4
Description Defines the lease information index of the option information for this system.
Syntax `DellUnsigned32BitRange`
Access Read-write

Table 1201. COO Options Description Name

Name `cooOptionsDescriptionName`
Object ID 1.3.6.1.4.1.674.10892.1.1600.70.1.5
Description Defines the option information description name.
Syntax `DellCostofOwnershipString`
Access Read-write

COO Maintenance Table

Table 1202. COO Maintenance Table

Name `cooMaintenanceTable`
Object ID 1.3.6.1.4.1.674.10892.1.1600.80
Description Defines the COO Maintenance Table.

Syntax	SEQUENCE OF CooMaintenanceTableEntry
Access	Not accessible

Table 1203. COO Maintenance Table Entry

Name	cooMaintenanceTableEntry
Object ID	1.3.6.1.4.1.674.10892.1.1600.80.1
Description	Defines the COO Maintenance Table entry.
Syntax	CooMaintenanceTableEntry
Access	Not accessible
Index	cooMaintenancechassisIndex , cooMaintenanceIndex

Table 1204. COO Maintenance Chassis Index

Name	cooMaintenancechassisIndex
Object ID	1.3.6.1.4.1.674.10892.1.1600.80.1.1
Description	Defines the index (one-based) of this chassis.
Syntax	DellObjectRange
Access	Read-only

Table 1205. COO Maintenance Index

Name	cooMaintenanceIndex
Object ID	1.3.6.1.4.1.674.10892.1.1600.80.1.2
Description	Defines the index of this system's maintenance information.
Syntax	DellObjectRange
Access	Read-only

Table 1206. COO Maintenance State

Name	cooMaintenanceState
Object ID	1.3.6.1.4.1.674.10892.1.1600.80.1.3
Description	Defines the state of this system's maintenance information.
Syntax	DellStateSettings
Access	Read-only

Table 1207. COO Maintenance Start Date Name

Name	cooMaintenanceStartDateName
Object ID	1.3.6.1.4.1.674.10892.1.1600.80.1.4
Description	Defines the start date for maintenance on this system.
Syntax	DellDateName
Access	Read-write

Table 1208. COO Maintenance End Date Name

Name	cooMaintenanceEndDateName
Object ID	1.3.6.1.4.1.674.10892.1.1600.80.1.5
Description	Defines the end date for maintenance on this system.
Syntax	DellDateName
Access	Read-write

Table 1209. COO Maintenance Provider Name

Name	cooMaintenanceProviderName
Object ID	1.3.6.1.4.1.674.10892.1.1600.80.1.6
Description	Defines the maintenance provider's name.
Syntax	DellStateSettings
Access	Read-write

Table 1210. COO Maintenance Restrictions Name

Name	cooMaintenanceRestrictionsName
Object ID	1.3.6.1.4.1.674.10892.1.1600.80.1.7
Description	Defines the maintenance agreement restrictions.
Syntax	DellCostofOwnershipString
Access	Read-write

COO Repair Table**Table 1211. COO Repair Table**

Name	cooRepairTable
Object ID	1.3.6.1.4.1.674.10892.1.1600.90
Description	Defines the COO Repair Table.
Syntax	SEQUENCE OF CooRepairTableEntry

Access Not accessible

Table 1212. COO Repair Table Entry

Name `cooRepairTableEntry`
Object ID 1.3.6.1.4.1.674.10892.1.1600.90.1
Description Defines the COO Repair Table entry.
Syntax `CooRepairTableEntry`
Access Not accessible
Index `cooRepairchassisIndex`
,
`cooRepairIndex`

Table 1213. COO Repair Chassis Index

Name `cooRepairchassisIndex`
Object ID 1.3.6.1.4.1.674.10892.1.1600.90.1.1
Description Defines the index (one-based) of this chassis.
Syntax `DellObjectRange`
Access Read-only

Table 1214. COO Repair Index

Name `cooRepairIndex`
Object ID 1.3.6.1.4.1.674.10892.1.1600.90.1.2
Description Defines the index (one-based) of the repair information for this system.
Syntax `DellObjectRange`
Access Read-only

Table 1215. COO Repair State

Name `cooRepairState`
Object ID 1.3.6.1.4.1.674.10892.1.1600.90.1.3
Description Defines the state of the repair information for this system.
Syntax `DellStateSettings`
Access Read-only

Table 1216. COO Repair Counter

Name `cooRepairCounter`
Object ID 1.3.6.1.4.1.674.10892.1.1600.90.1.4

Description	Defines the number of repairs that this system has undergone.
Syntax	DellCostofOwnershipString
Access	Read-write

Table 1217. COO Repair Vendor Name

Name	cooRepairVendorName
Object ID	1.3.6.1.4.1.674.10892.1.1600.90.1.5
Description	Defines the name of the vendor that repairs this system.
Syntax	DellStateSettings
Access	Read-only

COO Support Information Table

Table 1218. COO Support Information Table

Name	cooSupportInformationTable
Object ID	1.3.6.1.4.1.674.10892.1.1600.100
Description	Defines the COO Support Information Table.
Syntax	SEQUENCE OF cooSupportInformationTableEntry
Access	Not accessible

Table 1219. COO Support Information Table Entry

Name	cooSupportInformationTableEntry
Object ID	1.3.6.1.4.1.674.10892.1.1600.100.1
Description	Defines the COO Support Information Table entry.
Syntax	cooSupportInformationTableEntry
Access	Not accessible
Index	cooSupportInformationchassisIndex , cooSupportInformationIndex

Table 1220. COO Support Information Chassis Index

Name	cooSupportInformationchassisIndex
Object ID	1.3.6.1.4.1.674.10892.1.1600.100.1.1
Description	Defines the index (one-based) of this chassis.
Syntax	DellObjectRange

Access Read-only

Table 1221. COO Support Information Index

Name `cooSupportInformationIndex`
Object ID 1.3.6.1.4.1.674.10892.1.1600.100.1.2
Description Defines the index (one-based) for this system's support information.
Syntax `DellObjectRange`
Access Read-only

Table 1222. COO Support Information State

Name `cooSupportInformationState`
Object ID 1.3.6.1.4.1.674.10892.1.1600.100.1.3
Description Defines the support information state for this system.
Syntax `DellStateSettings`
Access Read-only

Table 1223. COO Support Information Is Outsourced

Name `cooSupportInformationIsOutsourced`
Object ID 1.3.6.1.4.1.674.10892.1.1600.100.1.4
Description Specifies whether the support for this system is outsourced or not.
Syntax `DellBoolean`
Access Read-write

Table 1224. COO Support Information Type

Name `cooSupportInformationType`
Object ID 1.3.6.1.4.1.674.10892.1.1600.100.1.5
Description Defines the type of component, system, or network problem that occurred.
Syntax `DellUnsigned32BitRange`
Access Read-write

Table 1225. COO Support Information Help Desk Name

Name `cooSupportInformationHelpDeskName`
Object ID 1.3.6.1.4.1.674.10892.1.1600.100.1.6
Description Defines the help desk information provided.
Syntax `DellCostofOwnershipString`

Access Read-write

Table 1226. COO Support Information Fix Type Name

Name `cooSupportInformationFixTypeName`
Object ID 1.3.6.1.4.1.674.10892.1.1600.100.1.7
Description Defines the method used to fix the problem.
Syntax `DellCostofOwnershipString`
Access Read-write

COO Trouble Ticket Table

The MIB objects in the Trouble Ticket Table enable you to track details of any trouble tickets that you open for your system.

Table 1227. COO Trouble Ticket Table

Name `cooTroubleTicketTable`
Object ID 1.3.6.1.4.1.674.10892.1.1600.110
Description Defines the COO Trouble Ticket Table.
Syntax SEQUENCE OF `cooTroubleTicketTableEntry`
Access Not accessible

Table 1228. COO Trouble Ticket Table Entry

Name `cooTroubleTicketTableEntry`
Object ID 1.3.6.1.4.1.674.10892.1.1600.110.1
Description Defines the COO Trouble Ticket Table entry.
Syntax `cooTroubleTicketTableEntry`
Access Not accessible
Index `cooTroubleTicketchassisIndex`
,
`cooTroubleTicketIndex`

Table 1229. COO Trouble Ticket Chassis Index

Name `cooTroubleTicketchassisIndex`
Object ID 1.3.6.1.4.1.674.10892.1.1600.110.1.1
Description Defines the index (one-based) of this chassis.
Syntax `DellObjectRange`
Access Read-only

Table 1230. COO Trouble Ticket Index

Name	cooTroubleTicketIndex
Object ID	1.3.6.1.4.1.674.10892.1.1600.110.1.2
Description	Defines the index (one-based) of the system's trouble ticket information.
Syntax	DellObjectRange
Access	Read-only

Table 1231. COO Trouble Ticket State

Name	cooTroubleTicketState
Object ID	1.3.6.1.4.1.674.10892.1.1600.110.1.3
Description	Defines the trouble ticket information state for this system.
Syntax	DellStateSettings
Access	Read-only

Table 1232. COO Trouble Ticket Support Information Index Reference

Name	cooTroubleTicketSupportInformationIndexReference
Object ID	1.3.6.1.4.1.674.10892.1.1600.110.1.4
Description	Defines the support information index that references the trouble ticket.
Syntax	DellUnsigned32BitRange
Access	Read-write

Table 1233. COO Trouble Ticket Number Name

Name	cooTroubleTicketNumberName
Object ID	1.3.6.1.4.1.674.10892.1.1600.110.1.5
Description	Defines the trouble ticket number for this system.
Syntax	DellCostofOwnershipString
Access	Read-write

Cost of Ownership Variable Values

This section includes definitions for server administrator-specific variable values used in this section.

Table 1234. COO Ownership Codes

Variable Name: DellCooOwnershipCodes

Data Type: Integer

Possible Data Values

other (1)

Meaning of Data Value

The ownership code is not one of following:

unknown (2)	The ownership code is unknown.
owned (3)	The ownership code is owned.
leased (4)	The ownership code is leased.
rented (5)	The ownership code is rented.
offOfLease (6)	The ownership code is off of lease.
transfer (7)	The ownership code is transfer.

Table 1235. COO Hour Day Duration Type

Variable Name: DellCooHourDayDurationType

Data Type: Integer

Possible Data Values	Meaning of Data Value
unknown (1)	Duration time type is unknown.
hours (2)	Duration time type is in hours.
days (3)	Duration time type is in days.

Table 1236. COO Day Month Duration Type

Variable Name: DellCooDayMonthDurationType

Data Type: Integer

Possible Data Values	Meaning of Data Value
unknown (1)	Duration time type is unknown.
days (3)	Duration time type is in days.
months (4)	Duration time type is in months.

Table 1237. COO Month Year Duration Type

Variable Name: DellCooMonthYearDurationType

Data Type: Integer

Possible Data Values	Meaning of Data Value
unknown (1)	Duration time type is unknown.
months (4)	Duration time type is in months.
years (5)	Duration time type is in years.

Remote Access Group

The Remote Access Group provides information about the remote access hardware that may be present in your system. In addition to providing general information about the capabilities and settings of the remote access hardware, this group provides information about administrative users, SNMP trap destinations, modem configuration for dial-up networking, dial-in configuration, and dial-out destinations.

DRAC 4 and DRAC 5

On systems with Dell Remote Access Controller (DRAC) 4 or DRAC 5, the Remote Access Group includes only the Remote Access Table.

Remote Access Table

The following MIB object sets up the Remote Access Table.

Table 1238. Remote Access Table

Name	
Object ID	1.3.6.1.4.1.674.10892.1.1700.10
Description	Defines the Remote Access Table.
Syntax	SEQUENCE OF RemoteAccessTableEntry
Access	Not accessible

Table 1239. Remote Access Table Entry

Name	<code>remoteAccessTableEntry</code>
Object ID	1.3.6.1.4.1.674.10892.1.1700.10.1
Description	Defines the Remote Access Table entry.
Syntax	<code>RemoteAccessTableEntry</code>
Access	Not accessible
Index	<code>remoteAccessChassisIndex , remoteAccessAdapterIndex</code>

Table 1240. Remote Access Chassis Index

Name	<code>remoteAccessChassisIndex</code>
Object ID	1.3.6.1.4.1.674.10892.1.1700.10.1.1
Description	Defines the index (one-based) of the chassis containing the remote access hardware.
Syntax	<code>DellObjectRange</code>

Access Read-only

Table 1241. Remote Access Adapter Index

Name remoteAccessAdapterIndex
Object ID 1.3.6.1.4.1.674.10892.1.1700.10.1.2
Description Defines the index (one-based) of the remote access hardware.
Syntax DellObjectRange
Access Read-only

Table 1242. Remote Access Type

Name remoteAccessType
Object ID 1.3.6.1.4.1.674.10892.1.1700.10.1.3
Description Defines the type of remote access hardware.
Syntax DellRemoteAccessType ([Remote Access Type](#))
Access Read-only

Table 1243. Remote Access State Capabilities

Name remoteAccessStateCapabilities
Object ID 1.3.6.1.4.1.674.10892.1.1700.10.1.4
Description Defines the state capabilities of the remote access hardware.
Syntax DellStateCapabilities
Access Read-only

Table 1244. Remote Access State Settings

Name remoteAccessStateSettings
Object ID 1.3.6.1.4.1.674.10892.1.1700.10.1.5
Description Defines the state setting of the remote access hardware.
Syntax DellStateSettings
Access Read-write

Table 1245. Remote Access Status

Name remoteAccessStatus
Object ID 1.3.6.1.4.1.674.10892.1.1700.10.1.6
Description Defines the status of the remote access hardware.
Syntax DellStatus
Access Read-only

Table 1246. Remote Access Product Info Name

Name	remoteAccessProductInfoName
Object ID	1.3.6.1.4.1.674.10892.1.1700.10.1.7
Description	Defines the name of the product providing the remote access functionality.
Syntax	DellDisplayString (SIZE (0..63))
Access	Read-only

Table 1247. Remote Access Description Info Name

Name	remoteAccessDescriptionInfoName
Object ID	1.3.6.1.4.1.674.10892.1.1700.10.1.8
Description	Defines the description of the product providing the remote access functionality.
Syntax	DellDisplayString (SIZE (0..255))
Access	Read-only

Table 1248. Remote Access Version Info Name

Name	remoteAccessVersionInfoName
Object ID	1.3.6.1.4.1.674.10892.1.1700.10.1.9
Description	Defines the version of the product providing the remote access functionality.
Syntax	DellDisplayString (SIZE (0..63))
Access	Read-only

Table 1249. Remote Access Local Area Network (LAN) Capabilities

Name	remoteAccessLANCapabilities
Object ID	1.3.6.1.4.1.674.10892.1.1700.10.1.14
Description	Defines the LAN capabilities of the remote access hardware.
Syntax	DellRemoteAccessLANCapabilities (Remote Access Local Area Network (LAN) Capabilities)
Access	Read-only

Table 1250. Remote Access LAN Settings

Name	remoteAccessLANSettings
Object ID	1.3.6.1.4.1.674.10892.1.1700.10.1.15
Description	Defines the LAN settings of the remote access hardware.
Syntax	DellRemoteAccessLANSettings (Remote Access LAN Settings)
Access	Read-write

Table 1251. Remote Access Network Interface Controller (NIC) Static IP Address

Name	remoteAccessNICStaticIPAddress
Object ID	1.3.6.1.4.1.674.10892.1.1700.10.1.25

Description	Defines the static IP address to be used by the integrated NIC provided by the remote access hardware.
Syntax	IpAddress
Access	Read-write

Table 1252. Remote Access NIC Static Netmask Address

Name	<code>remoteAccessNICStaticNetmaskAddress</code>
Object ID	1.3.6.1.4.1.674.10892.1.1700.10.1.26
Description	Defines the netmask for the static IP address to be used by the integrated NIC provided by the remote access hardware.
Syntax	IpAddress
Access	Read-write

Table 1253. Remote Access NIC Static Gateway Address

Name	<code>remoteAccessNICStaticGatewayAddress</code>
Object ID	1.3.6.1.4.1.674.10892.1.1700.10.1.27
Description	Defines the IP address for the gateway associated with the static IP address to be used by the integrated NIC provided by the remote access hardware.
Syntax	IpAddress
Access	Read-write

Table 1254. Remote Access Personal Computer Memory Card International Association (PCMCIA) Info Name

Name	<code>remoteAccessPCMCIAInfoName</code>
Object ID	1.3.6.1.4.1.674.10892.1.1700.10.1.28
Description	Defines the information for the PCMCIA device used by the remote access hardware.
Syntax	DisplayString (SIZE (0..63))
Access	Read-only

Table 1255. Remote Access Miscellaneous Information Name

Name	<code>remoteAccessMiscInfoName</code>
Object ID	1.3.6.1.4.1.674.10892.1.1700.10.1.29
Description	Defines the miscellaneous information for the remote access hardware.
Syntax	Defines the miscellaneous information for the remote access hardware.
Access	Read-write

Table 1256. Remote Access NIC Current IP Address

Name	<code>remoteAccessNICCurrentIPAddress</code>
Object ID	1.3.6.1.4.1.674.10892.1.1700.10.1.30

Description	Defines the IP address currently being used by the integrated NIC provided by the remote access hardware.
Syntax	IpAddress
Access	Read-only

Table 1257. Remote Access NIC Current Netmask Address

Name	remoteAccessNICCurrentNetmaskAddress
Object ID	1.3.6.1.4.1.674.10892.1.1700.10.1.31
Description	Defines the netmask currently being used by the integrated NIC provided by the remote access hardware.
Syntax	IpAddress
Access	Read-only

Table 1258. Remote Access NIC Current Gateway Address

Name	remoteAccessNICCurrentGatewayAddress
Object ID	1.3.6.1.4.1.674.10892.1.1700.10.1.32
Description	Defines the IP address for the gateway currently being used by the integrated NIC provided by the remote access hardware.
Syntax	IpAddress
Access	Read-only

Table 1259. Remote Access NIC Current Information From Dynamic Host Configuration Protocol (DHCP)

Name	remoteAccessNICCurrentInfoFromDHCP
Object ID	1.3.6.1.4.1.674.10892.1.1700.10.1.33
Description	Defines whether DHCP was used to obtain the NIC information currently being used by the integrated NIC provided by the remote access hardware.
Syntax	DellBoolean
Access	Read-only

Table 1260. Remote Access Remote Connect URL

Name	remoteAccessRemoteConnectURL
Object ID	1.3.6.1.4.1.674.10892.1.1700.10.1.34
Description	Defines the URL for launching the Remote Access Remote Connect Interface.
Syntax	DisplayString (SIZE (0..63))
Access	Mandatory

DRAC III

On systems with DRAC III, the Remote Access Group includes the following MIB tables:

- [Remote Access Table](#)
- [Remote User Administration Table](#)

- [Remote SNMP Trap Table](#)
- [Remote Dial-Up Table](#)
- [Remote User Dial-In Configuration Table](#)
- [Remote Dial-Out Table](#)

Remote Access Table

The following MIB object sets up the Remote Access Table.

Table 1261. Remote Access Table

Name	remoteAccessTable
Object ID	1.3.6.1.4.1.674.10892.1.1700.10
Description	Defines the Remote Access Table.
Syntax	SEQUENCE OF RemoteAccessTableEntry
Access	Not accessible

Table 1262. Remote Access Table Entry

Name	remoteAccessTableEntry
Object ID	1.3.6.1.4.1.674.10892.1.1700.10.1
Description	Defines the Remote Access Table entry.
Syntax	RemoteAccessTableEntry
Access	Not accessible
Index	remoteAccessChassisIndex , remoteAccessAdapterIndex

Table 1263. Remote Access Chassis Index

Name	remoteAccessChassisIndex
Object ID	1.3.6.1.4.1.674.10892.1.1700.10.1.1
Description	Defines the index (one-based) of the chassis containing the remote access hardware.
Syntax	DelObjectRange
Access	Read-only

Table 1264. Remote Access Adapter Index

Name	remoteAccessAdapterIndex
Object ID	1.3.6.1.4.1.674.10892.1.1700.10.1.2
Description	Defines the index (one-based) of the remote access hardware.
Syntax	DelObjectRange
Access	Read-only

Table 1265. Remote Access Type

Name	remoteAccessType
Object ID	1.3.6.1.4.1.674.10892.1.1700.10.1.3
Description	Defines the type of remote access hardware.
Syntax	DellRemoteAccessType (Remote Access Type)
Access	Read-only

Table 1266. Remote Access State Capabilities

Name	remoteAccessStateCapabilities
Object ID	1.3.6.1.4.1.674.10892.1.1700.10.1.4
Description	Defines the state capabilities of the remote access hardware.
Syntax	DellStateCapabilities
Access	Read-only

Table 1267. Remote Access State Settings

Name	remoteAccessStateSettings
Object ID	1.3.6.1.4.1.674.10892.1.1700.10.1.5
Description	Defines the state setting of the remote access hardware.
Syntax	DellStateSettings
Access	Read-write

Table 1268. Remote Access Status

Name	remoteAccessStatus
Object ID	1.3.6.1.4.1.674.10892.1.1700.10.1.6
Description	Defines the status of the remote access hardware.
Syntax	DellStatus
Access	Read-only

Table 1269. Remote Access Product Info Name

Name	remoteAccessProductInfoName
Object ID	1.3.6.1.4.1.674.10892.1.1700.10.1.7
Description	Defines the name of the product providing the remote access functionality.
Syntax	DellDisplayString (SIZE (0..63))
Access	Read-only

Table 1270. Remote Access Description Info Name

Name	remoteAccessDescriptionInfoName
Object ID	1.3.6.1.4.1.674.10892.1.1700.10.1.8

Description	Defines the description of the product providing the remote access functionality.
Syntax	DellDisplayString (SIZE (0..255))
Access	Read-only

Table 1271. Remote Access Version Info Name

Name	remoteAccessVersionInfoName
Object ID	1.3.6.1.4.1.674.10892.1.1700.10.1.9
Description	Defines the version of the product providing the remote access functionality.
Syntax	DellDisplayString (SIZE (0..63))
Access	Read-only

Table 1272. Remote Access Control Capabilities

Name	remoteAccessControlCapabilities
Object ID	1.3.6.1.4.1.674.10892.1.1700.10.1.10
Description	Defines the control capabilities of the remote access hardware.
Syntax	DellRemoteAccessControlCapabilities (Remote Access Control Capabilities)
Access	Read-only

Table 1273. Remote Access Control Settings

Name	remoteAccessControlSettings
Object ID	1.3.6.1.4.1.674.10892.1.1700.10.1.11
Description	Defines the control settings of the remote access hardware.
Syntax	DellRemoteAccessControlSettings (Remote Access Control Settings)
Access	Read-write

Table 1274. Remote Access Monitor Capabilities

Name	remoteAccessMonitorCapabilities
Object ID	1.3.6.1.4.1.674.10892.1.1700.10.1.12
Description	Defines the monitor capabilities of the remote access hardware.
Syntax	DellRemoteAccessMonitorCapabilities (Remote Access Monitor Capabilities)
Access	Read-only

Table 1275. Remote Access Monitor Settings

Name	remoteAccessMonitorSettings
Object ID	1.3.6.1.4.1.674.10892.1.1700.10.1.13
Description	Defines the monitor settings of the remote access hardware.
Syntax	DellRemoteAccessMonitorSettings (Remote Access Monitor Settings)
Access	Read-write

Table 1276. Remote Access Local Area Network (LAN) Capabilities

Name	remoteAccessLANCapabilities
Object ID	1.3.6.1.4.1.674.10892.1.1700.10.1.14
Description	Defines the LAN capabilities of the remote access hardware.
Syntax	DellRemoteAccessLANCapabilities (Remote Access Local Area Network (LAN) Capabilities)
Access	Read-only

Table 1277. Remote Access LAN Settings

Name	remoteAccessLANSettings
Object ID	1.3.6.1.4.1.674.10892.1.1700.10.1.15
Description	Defines the LAN settings of the remote access hardware.
Syntax	DellRemoteAccessLANSettings (Remote Access LAN Settings)
Access	Read-write

Table 1278. Remote Access Host Capabilities

Name	remoteAccessHostCapabilities
Object ID	1.3.6.1.4.1.674.10892.1.1700.10.1.16
Description	Defines the host capabilities of the remote access hardware.
Syntax	DellRemoteAccessHostCapabilities (Remote Access Host Capabilities)
Access	Read-only

Table 1279. Remote Access Host Settings

Name	remoteAccessHostSettings
Object ID	1.3.6.1.4.1.674.10892.1.1700.10.1.17
Description	Defines the host settings of the remote access hardware.
Syntax	DellRemoteAccessHostSettings (Remote Access Host Settings)
Access	Read-write

Table 1280. Remote Access Out-of-Band Simple Network Management Protocol (SNMP) Capabilities

Name	remoteAccessOutOfBandSNMPCapabilities
Object ID	1.3.6.1.4.1.674.10892.1.1700.10.1.18
Description	Defines the out-of-band SNMP capabilities of the remote access hardware.
Syntax	DellRemoteAccessOutOfBandSNMPCapabilities (Remote Access Out-Of-Band Simple Network Management Protocol)
Access	Read-only

Table 1281. Remote Access Out-of-Band SNMP Settings

Name	<code>remoteAccessOutOfBandSNMPSettings</code>
Object ID	1.3.6.1.4.1.674.10892.1.1700.10.1.19
Description	Defines the out-of-band SNMP settings of the remote access hardware.
Syntax	DellRemoteAccessOutOfBandSNMPSettings (Remote Access Out-Of-Band Simple Network Management Protocol Settings)
Access	Read-write

Table 1282. Remote Access Simple Mail Transfer Protocol (SMTP) Server Internet Protocol (IP) Address

Name	<code>remoteAccessSMTPServerIPAddress</code>
Object ID	1.3.6.1.4.1.674.10892.1.1700.10.1.20
Description	Defines the IP address for the SMTP server used by the remote access hardware.
Syntax	<code>IpAddress</code>
Access	Read-write

Table 1283. Remote Access Floppy Trivial File Transfer Protocol (TFTP) IP Address

Name	<code>remoteAccessFloppyTFTPIPAddress</code>
Object ID	1.3.6.1.4.1.674.10892.1.1700.10.1.21
Description	Defines the IP address of the TFTP server providing the operating system image used by the remote access hardware.
Syntax	<code>IpAddress</code>
Access	Read-write

Table 1284. Remote Access Floppy TFTP Path Name

Name	<code>remoteAccessFloppyTFTPPathName</code>
Object ID	1.3.6.1.4.1.674.10892.1.1700.10.1.22
Description	Defines the file name of the operating system image obtained from the TFTP server used by the remote access hardware.
Syntax	<code>DisplayString (SIZE (0..255))</code>
Access	Read-write

Table 1285. Remote Access Firmware Update IP Address

Name	<code>remoteAccessFirmwareUpdateIPAddress</code>
Object ID	1.3.6.1.4.1.674.10892.1.1700.10.1.23
Description	Defines the IP address of the update server providing the firmware image used by the remote access hardware.
Syntax	<code>IpAddress</code>
Access	Read-write

Table 1286. Remote Access Firmware Update Path Name

Name	<code>remoteAccessFirmwareUpdatePathName</code>
Object ID	1.3.6.1.4.1.674.10892.1.1700.10.1.24
Description	Defines the file name of the firmware image obtained from the update server used by the remote access hardware.
Syntax	DisplayString (SIZE (0..255))
Access	Read-write

Table 1287. Remote Access Network Interface Controller (NIC) Static IP Address

Name	<code>remoteAccessNICStaticIPAddress</code>
Object ID	1.3.6.1.4.1.674.10892.1.1700.10.1.25
Description	Defines the static IP address to be used by the integrated NIC provided by the remote access hardware.
Syntax	IpAddress
Access	Read-write

Table 1288. Remote Access NIC Static Netmask Address

Name	<code>remoteAccessNICStaticNetmaskAddress</code>
Object ID	1.3.6.1.4.1.674.10892.1.1700.10.1.26
Description	Defines the netmask for the static IP address to be used by the integrated NIC provided by the remote access hardware.
Syntax	IpAddress
Access	Read-write

Table 1289. Remote Access NIC Static Gateway Address

Name	<code>remoteAccessNICStaticGatewayAddress</code>
Object ID	1.3.6.1.4.1.674.10892.1.1700.10.1.27
Description	Defines the IP address for the gateway associated with the static IP address to be used by the integrated NIC provided by the remote access hardware.
Syntax	IpAddress
Access	Read-write

Table 1290. Remote Access Personal Computer Memory Card International Association (PCMCIA) Info Name

Name	<code>remoteAccessPCMCIAInfoName</code>
Object ID	1.3.6.1.4.1.674.10892.1.1700.10.1.28
Description	Defines the information for the PCMCIA device used by the remote access hardware.
Syntax	DisplayString (SIZE (0..63))
Access	Read-only

Table 1291. Remote Access Miscellaneous Information Name

Name	<code>remoteAccessMiscInfoName</code>
Object ID	1.3.6.1.4.1.674.10892.1.1700.10.1.29
Description	Defines the miscellaneous information for the remote access hardware.
Syntax	DisplayString (SIZE (0..63))
Access	Read-write

Table 1292. Remote Access NIC Current IP Address

Name	<code>remoteAccessNICCurrentIPAddress</code>
Object ID	1.3.6.1.4.1.674.10892.1.1700.10.1.30
Description	Defines the IP address currently being used by the integrated NIC provided by the remote access hardware.
Syntax	IpAddress
Access	Read-only

Table 1293. Remote Access NIC Current Netmask Address

Name	<code>remoteAccessNICCurrentNetmaskAddress</code>
Object ID	1.3.6.1.4.1.674.10892.1.1700.10.1.31
Description	Defines the netmask currently being used by the integrated NIC provided by the remote access hardware.
Syntax	IpAddress
Access	Read-only

Table 1294. Remote Access NIC Current Gateway Address

Name	<code>remoteAccessNICCurrentGatewayAddress</code>
Object ID	1.3.6.1.4.1.674.10892.1.1700.10.1.32
Description	Defines the IP address for the gateway currently being used by the integrated NIC provided by the remote access hardware.
Syntax	IpAddress
Access	Read-only

Table 1295. Remote Access NIC Current Information From Dynamic Host Configuration Protocol (DHCP)

Name	<code>remoteAccessNICCurrentInfoFromDHCP</code>
Object ID	1.3.6.1.4.1.674.10892.1.1700.10.1.33
Description	Defines whether DHCP was used to obtain the NIC information currently being used by the integrated NIC provided by the remote access hardware.
Syntax	DllBoolean
Access	Read-only

Remote User Administration Table

Table 1296. Remote User Administration Table

Name	remoteUserAdminTable
Object ID	1.3.6.1.4.1.674.10892.1.1700.20
Description	Defines the Remote Access User Administration Table.
Syntax	SEQUENCE OF RemoteUserAdminTableEntry
Access	Not accessible

Table 1297. Remote User Admin Table Entry

Name	remoteUserAdminTableEntry
Object ID	1.3.6.1.4.1.674.10892.1.1700.20.1
Description	Defines the Remote Access User Administration Table entry.
Syntax	RemoteUserAdminTableEntry
Access	Not accessible
Index	remoteUserAdminChassisIndex , remoteUserAdminAdapterIndex , remoteUserAdminUserIndex

Table 1298. Remote User Admin Chassis Index

Name	remoteUserAdminChassisIndex
Object ID	1.3.6.1.4.1.674.10892.1.1700.20.1.1
Description	Defines the index (one-based) of the chassis containing the remote access hardware.
Syntax	DellObjectRange
Access	Read-only

Table 1299. Remote User Admin Adapter Index

Name	remoteUserAdminAdapterIndex
Object ID	1.3.6.1.4.1.674.10892.1.1700.20.1.2
Description	Defines the index (one-based) of the remote access hardware used by this remote access user.
Syntax	DellObjectRange
Access	Read-only

Table 1300. Remote User Admin User Index

Name	remoteUserAdminUserIndex
Object ID	1.3.6.1.4.1.674.10892.1.1700.20.1.3
Description	Defines the index (one-based) of this remote access user.
Syntax	DellObjectRange
Access	Read-only

Table 1301. Remote User Admin State Capabilities

Name	remoteUserAdminStateCapabilities
Object ID	1.3.6.1.4.1.674.10892.1.1700.20.1.4
Description	Defines the state capabilities for this remote access user.
Syntax	DellRemoteUserAdminStateCapabilities (Remote User Admin State Capabilities)
Access	Read-only

Table 1302. Remote User Admin State Settings

Name	remoteUserAdminStateSettings
Object ID	1.3.6.1.4.1.674.10892.1.1700.20.1.5
Description	Defines the state settings for this remote access user.
Syntax	DellRemoteUserAdminStateSettings (Remote User Admin State Settings)
Access	Read-write

Table 1303. Remote User Admin Status

Name	remoteUserAdminStatus
Object ID	1.3.6.1.4.1.674.10892.1.1700.20.1.6
Description	Defines the status for this remote access user.
Syntax	DellStatus
Access	Read-only

Table 1304. Remote User Admin User Name

Name	remoteUserAdminUserName
Object ID	1.3.6.1.4.1.674.10892.1.1700.20.1.7
Description	Defines the user name for this remote access user.
Syntax	DisplayString (SIZE (0..19))
Access	Read-write

Table 1305. Remote User Admin User Password Name

Name	remoteUserAdminUserPasswordName
Object ID	1.3.6.1.4.1.674.10892.1.1700.20.1.8

Description	Defines the password for this remote access user.
Syntax	DisplayString (SIZE (0..255))
Access	Read-write

Table 1306. Remote User Admin User Privilege

Name	remoteUserAdminUserPrivilege
Object ID	1.3.6.1.4.1.674.10892.1.1700.20.1.9
Description	Defines the privileges for this remote access user.
Syntax	DisplayString (SIZE (0..31))
Access	Read-write

Table 1307. Remote User Admin User Privilege Capabilities

Name	remoteUserAdminUserPrivilegeCapabilities
Object ID	1.3.6.1.4.1.674.10892.1.1700.20.1.10
Description	Defines the privilege capabilities for this remote access user.
Syntax	DisplayString (SIZE (0..31))
Access	Read-only

Table 1308. Remote User Admin Alert Filter DRS Events Mask

Name	remoteUserAdminAlertFilterDrsEventsMask
Object ID	1.3.6.1.4.1.674.10892.1.1700.20.1.11
Description	Defines the DRS events filter mask for this remote access user.
Syntax	DellUnsigned32BitRange
Access	Read-write

Table 1309. Remote User Admin Alert Filter System Events Mask

Name	remoteUserAdminAlertFilterSysEventsMask
Object ID	1.3.6.1.4.1.674.10892.1.1700.20.1.12
Description	Defines the system events filter mask for this remote access user.
Syntax	DellUnsigned32BitRange
Access	Read-write

Table 1310. Remote User Admin Alert Filter DRS Capabilities

Name	remoteUserAdminAlertFilterDrsCapabilities
Object ID	1.3.6.1.4.1.674.10892.1.1700.20.1.13
Description	Defines the DRS events filter capabilities for this remote access user.
Syntax	DellUnsigned32BitRange
Access	Read-only

Table 1311. Remote User Admin Alert Filter System Capabilities

Name	remoteUserAdminAlertFilterSysCapabilities
Object ID	1.3.6.1.4.1.674.10892.1.1700.20.1.14
Description	Defines the system events filter capabilities for this remote access user.
Syntax	DellUnsigned32BitRange
Access	Read-only

Table 1312. Remote User Admin Pager Numeric Number Name

Name	remoteUserAdminPagerNumericNumberName
Object ID	1.3.6.1.4.1.674.10892.1.1700.20.1.15
Description	Defines the numeric pager number for this remote access user.
Syntax	DisplayString (SIZE (0..95))
Access	Read-write

Table 1313. Remote User Admin Pager Numeric Message Name

Name	remoteUserAdminPagerNumericMessageName
Object ID	1.3.6.1.4.1.674.10892.1.1700.20.1.16
Description	Defines the message to send to the numeric pager for this remote access user.
Syntax	DisplayString (SIZE (0..31))
Access	Read-write

Table 1314. Remote User Admin Pager Numeric Hang-up Delay

Name	remoteUserAdminPagerNumericHangupDelay
Object ID	1.3.6.1.4.1.674.10892.1.1700.20.1.17
Description	Defines the numeric pager hang-up delay for this remote access user.
Syntax	DellUnsigned32BitRange
Access	Read-write

Table 1315. Remote User Admin Pager Alpha Phone Number Name

Name	remoteUserAdminPagerAlphaPhoneNumberName
Object ID	1.3.6.1.4.1.674.10892.1.1700.20.1.18
Description	Defines the alphanumeric pager phone number for this remote access user.
Syntax	DisplayString (SIZE (0..95))
Access	Read-write

Table 1316. Remote User Admin Pager Alpha Protocol

Name	remoteUserAdminPagerAlphaProtocol
Object ID	1.3.6.1.4.1.674.10892.1.1700.20.1.19

Description	Defines the protocol used by the alphanumeric pager provider for this remote access user.
Syntax	DellRemoteUserAdminAlphaProtocolType (Remote User Admin Alpha Protocol Type)
Access	Read-write

Table 1317. Remote User Admin Pager Alpha Baud Rate

Name	remoteUserAdminPagerAlphaBaudRate
Object ID	1.3.6.1.4.1.674.10892.1.1700.20.1.20
Description	Defines the baud rate used by the alphanumeric pager provider for this remote access user.
Syntax	DellRemoteUserAdminAlphaBaudType (Remote User Admin Alpha Baud Type)
Access	Read-write

Table 1318. Remote User Admin Pager Alpha Custom Message Name

Name	remoteUserAdminPagerAlphaCustomMessageName
Object ID	1.3.6.1.4.1.674.10892.1.1700.20.1.21
Description	Defines the message to be sent to the alphanumeric pager to inform the user of a call by this remote access user.
Syntax	DisplayString (SIZE (0..31))
Access	Read-write

Table 1319. Remote User Admin Pager Alpha Modem Connect Time-out

Name	remoteUserAdminPagerAlphaModemConnectTimeout
Object ID	1.3.6.1.4.1.674.10892.1.1700.20.1.22
Description	Defines the modem connection time-out for the alphanumeric pager for this remote access user.
Syntax	DellUnsigned32BitRange
Access	Read-write

Table 1320. Remote User Admin Pager Alpha Pager ID Name

Name	remoteUserAdminPagerAlphaPagerIdName
Object ID	1.3.6.1.4.1.674.10892.1.1700.20.1.23
Description	Defines the ID to be sent to the alphanumeric pager to inform the user of a call by this remote access user.
Syntax	DisplayString (SIZE (0..31))
Access	Read-write

Table 1321. Remote User Admin Pager Alpha Password Name

Name	remoteUserAdminPagerAlphaPasswordName
Object ID	1.3.6.1.4.1.674.10892.1.1700.20.1.24

Description	Defines the password for the alphanumeric pager for this remote access user.
Syntax	DisplayString (SIZE (0..31))
Access	Read-write

Table 1322. Remote User Admin Pager Modem Init String Name

Name	remoteUserAdminPagerModemInitStringName
Object ID	1.3.6.1.4.1.674.10892.1.1700.20.1.25
Description	Defines the initialization string to be sent to the pager modem for this remote access user.
Syntax	DisplayString (SIZE (0..31))
Access	Read-write

Table 1323. Remote User Admin Pager Modem Port

Name	remoteUserAdminPagerModemPort
Object ID	1.3.6.1.4.1.674.10892.1.1700.20.1.26
Description	Defines the port for the pager modem for this remote access user.
Syntax	DellUnsigned32BitRange
Access	Read-write

Table 1324. Remote User Admin E-Mail Address Name

Name	remoteUserAdminEmailAddressName
Object ID	1.3.6.1.4.1.674.10892.1.1700.20.1.27
Description	Defines the e-mail address for this remote access user.
Syntax	DisplayString (SIZE (0..63))
Access	Read-write

Table 1325. Remote User Admin E-Mail Custom Message Name

Name	remoteUserAdminEmailCustomMessageName
Object ID	1.3.6.1.4.1.674.10892.1.1700.20.1.28
Description	Defines the e-mail message to send to this remote access user.
Syntax	DisplayString (SIZE (0..31))
Access	Read-write

Table 1326. Remote User Admin Control Capabilities

Name	remoteUserAdminControlCapabilities
Object ID	1.3.6.1.4.1.674.10892.1.1700.20.1.29
Description	Defines the control capabilities for this remote access user.
Syntax	DellRemoteUserAdminControlCapabilities (Remote User Admin Control Capabilities)

Access Read-only

Table 1327. Remote User Admin Control Settings

Name remoteUserAdminControlSettings
Object ID 1.3.6.1.4.1.674.10892.1.1700.20.1.30
Description Defines the control settings for this remote access user.
Syntax DellRemoteUserAdminControlSettings ([Remote User Admin Control Settings](#))
Access Read-write

Table 1328. Remote User Admin User Type

Name remoteUserAdminUserType
Object ID 1.3.6.1.4.1.674.10892.1.1700.20.1.31
Description Defines the type of user for this remote access user.
Syntax DellUnsigned8BitRange
Access Read-write

Remote SNMP Trap Table

Table 1329. Remote SNMP Trap Table

Name remoteSNMPTrapTable
Object ID 1.3.6.1.4.1.674.10892.1.1700.30
Description Defines the Remote Access SNMP Trap Destination Table.
Syntax SEQUENCE OF RemoteSNMPTrapTableEntry
Access Not accessible

Table 1330. Remote SNMP Trap Table Entry

Name remoteSNMPTrapTableEntry
Object ID 1.3.6.1.4.1.674.10892.1.1700.30.1
Description Defines the Remote Access SNMP Trap Destination Table entry.
Syntax RemoteSNMPTrapTableEntry
Access Not accessible
Index remoteSNMPTrapChassisIndex
,
remoteSNMPTrapAdapterIndex
,
remoteSNMPTrapIndex

Table 1331. Remote SNMP Trap Chassis Index

Name	remoteSNMPTrapChassisIndex
Object ID	1.3.6.1.4.1.674.10892.1.1700.30.1.1
Description	Defines the index (one-based) of the chassis containing the remote access hardware.
Syntax	DellObjectRange
Access	Read-only

Table 1332. Remote SNMP Trap Adapter Index

Name	remoteSNMPTrapAdapterIndex
Object ID	1.3.6.1.4.1.674.10892.1.1700.30.1.2
Description	Defines the index (one-based) of the remote access hardware that uses this SNMP trap destination.
Syntax	DellObjectRange
Access	Read-only

Table 1333. Remote SNMP Trap Index

Name	remoteSNMPTrapIndex
Object ID	1.3.6.1.4.1.674.10892.1.1700.30.1.3
Description	Defines the index (one-based) of this remote access SNMP trap destination.
Syntax	DellObjectRange
Access	Read-only

Table 1334. Remote SNMP Trap State Capabilities

Name	remoteSNMPTrapStateCapabilities
Object ID	1.3.6.1.4.1.674.10892.1.1700.30.1.4
Description	Defines the state capabilities of this remote access SNMP trap destination.
Syntax	DellRemoteSNMPTrapStateCapabilities (Remote SNMP Trap State Capabilities)
Access	Read-only

Table 1335. Remote SNMP Trap State Settings

Name	remoteSNMPTrapStateSettings
Object ID	1.3.6.1.4.1.674.10892.1.1700.30.1.5
Description	Defines the state settings of this remote access SNMP trap destination.
Syntax	DellRemoteSNMPTrapStateSettings (Remote SNMP Trap State Settings)
Access	Read-write

Table 1336. Remote SNMP Trap Status

Name	remoteSNMPTrapStatus
Object ID	1.3.6.1.4.1.674.10892.1.1700.30.1.6
Description	Defines the status of this remote access SNMP trap destination.
Syntax	DellStatus
Access	Read-only

Table 1337. Remote SNMP Trap Destination IP Address

Name	remoteSNMPTrapDestinationIPAddress
Object ID	1.3.6.1.4.1.674.10892.1.1700.30.1.7
Description	Defines the IP address of this remote access SNMP trap destination.
Syntax	IpAddress
Access	Read-write

Table 1338. Remote SNMP Trap SNMP Community Name

Name	remoteSNMPTrapSNMPCommunityName
Object ID	1.3.6.1.4.1.674.10892.1.1700.30.1.8
Description	Defines the community for traps sent to this remote access SNMP trap destination.
Syntax	DisplayString (SIZE (0..31))
Access	Read-write

Table 1339. Remote SNMP Trap Filter DRS Events Mask

Name	remoteSNMPTrapFilterDrsEventsMask
Object ID	1.3.6.1.4.1.674.10892.1.1700.30.1.9
Description	Defines the DRS events filter mask for this remote access SNMP trap destination.
Syntax	DellUnsigned32BitRange
Access	Read-write

Table 1340. Remote SNMP Trap Filter System Events Mask

Name	remoteSNMPTrapFilterSysEventsMask
Object ID	1.3.6.1.4.1.674.10892.1.1700.30.1.10
Description	Defines the system events filter mask for this remote access SNMP trap destination.
Syntax	DellUnsigned32BitRange
Access	Read-write

Table 1341. Remote SNMP Trap Filter DRS Capabilities

Name	remoteSNMPTrapFilterDrsCapabilities
Object ID	1.3.6.1.4.1.674.10892.1.1700.30.1.11
Description	Defines the DRS events filter capabilities for this remote access SNMP trap destination.
Syntax	DellUnsigned32BitRange
Access	Read-only

Table 1342. Remote SNMP Trap Filter System Capabilities

Name	remoteSNMPTrapFilterSysCapabilities
Object ID	1.3.6.1.4.1.674.10892.1.1700.30.1.12
Description	Defines the system events filter capabilities of this remote access SNMP trap destination.
Syntax	DellUnsigned32BitRange
Access	Read-only

Table 1343. Remote SNMP Trap Control Capabilities

Name	remoteSNMPTrapControlCapabilities
Object ID	1.3.6.1.4.1.674.10892.1.1700.30.1.13
Description	Defines the control capabilities of this remote access SNMP trap destination.
Syntax	DellRemoteSNMPTrapControlCapabilities (Remote SNMP Trap Control Capabilities)
Access	Read-only

Table 1344. Remote SNMP Trap Control Settings

Name	remoteSNMPTrapControlSettings
Object ID	1.3.6.1.4.1.674.10892.1.1700.30.1.14
Description	Defines the control settings of this remote access SNMP trap destination.
Syntax	DellRemoteSNMPTrapControlSettings (Remote SNMP Trap Control Settings)
Access	Read-write

Remote Dial-Up Table

Table 1345. Remote Dial-Up Table

Name	remoteDialUpTable
Object ID	1.3.6.1.4.1.674.10892.1.1700.40
Description	Defines the Remote Access Dial-Up Table.
Syntax	SEQUENCE OF RemoteDialUpTableEntry
Access	Not accessible

Table 1346. Remote Dial-Up Table Entry

Name	remoteDialUpTableEntry
Object ID	1.3.6.1.4.1.674.10892.1.1700.40.1
Description	Defines the Remote Access Dial-Up Table entry.
Syntax	RemoteDialUpTableEntry
Access	Not accessible
Index	remoteDialUpChassisIndex , remoteDialUpAdapterIndex , remoteDialUpIndex

Table 1347. Remote Dial-Up Chassis Index

Name	remoteDialUpChassisIndex
Object ID	1.3.6.1.4.1.674.10892.1.1700.40.1.1
Description	Defines the index (one-based) of the chassis containing the remote access hardware.
Syntax	DellObjectRange
Access	Read-only

Table 1348. Remote Dial-Up Adapter Index

Name	remoteDialUpAdapterIndex
Object ID	1.3.6.1.4.1.674.10892.1.1700.40.1.2
Description	Defines the index (one-based) of the remote access hardware that supports this remote access dial-up functionality.
Syntax	DellObjectRange
Access	Read-only

Table 1349. Remote Dial-Up Index

Name	remoteDialUpIndex
Object ID	1.3.6.1.4.1.674.10892.1.1700.40.1.3
Description	Defines the index (one-based) of this remote access dial-up functionality.
Syntax	DellObjectRange
Access	Read-only

Table 1350. Remote Dial-Up State Capabilities

Name	remoteDialUpStateCapabilities
Object ID	1.3.6.1.4.1.674.10892.1.1700.40.1.4
Description	Defines the state capabilities of this remote access dial-up functionality.

Syntax	DellRemoteDialUpStateCapabilities (Remote Dial-Up State Capabilities)
Access	Read-only

Table 1351. Remote Dial-Up State Settings

Name	remoteDialUpStateSettings
Object ID	1.3.6.1.4.1.674.10892.1.1700.40.1.5
Description	Defines the state settings of this remote access dial-up functionality.
Syntax	DellRemoteDialUpStateSettings (Remote Dial-Up State Settings)
Access	Read-write

Table 1352. Remote Dial-Up Status

Name	remoteDialUpStatus
Object ID	1.3.6.1.4.1.674.10892.1.1700.40.1.6
Description	Defines the status of this remote access dial-up functionality.
Syntax	DellStatus
Access	Read-only

Table 1353. Remote Dial-Up PPP Dial-In Base IP Address

Name	remoteDialUpPPPDialInBaseIPAddress
Object ID	1.3.6.1.4.1.674.10892.1.1700.40.1.7
Description	Defines the base IP address of the PPP server for this remote access dial-up functionality.
Syntax	IpAddress
Access	Read-write

Table 1354. Remote Dial-Up PPP Dial-In Idle Time-out

Name	remoteDialUpPPPDialInIdleTimeout
Object ID	1.3.6.1.4.1.674.10892.1.1700.40.1.8
Description	Defines the PPP idle time-out value in seconds for this remote access dial-up functionality.
Syntax	DellUnsigned32BitRange
Access	Read-write

Table 1355. Remote Dial-Up PPP Dial-In Maximum Connection Time-out

Name	remoteDialUpPPPDialInMaxConnectTimeout
Object ID	1.3.6.1.4.1.674.10892.1.1700.40.1.9
Description	Defines the PPP connect time-out value in seconds for this remote access dial-up functionality.
Syntax	DellUnsigned32BitRange

Access Read-write

Table 1356. Remote Dial-Up Dial-Out Modem Connect Time-out

Name remoteDialUpDialOutModemConnectTimeout
Object ID 1.3.6.1.4.1.674.10892.1.1700.40.1.10
Description Defines the modem dial-out time-out value in seconds for this remote access dial-up functionality.
Syntax DellUnsigned32BitRange
Access Read-write

Table 1357. Remote Dial-Up Modem Dial Type

Name remoteDialUpModemDialType
Object ID 1.3.6.1.4.1.674.10892.1.1700.40.1.11
Description Defines the dial type for the modem used by this remote access dial-up functionality.
Syntax DellRemoteDialUpModemDialType ([Remote Dial-Up Modem Dial Type](#))
Access Read-write

Table 1358. Remote Dial-Up Modem Init String Name

Name remoteDialUpModemInitStringName
Object ID 1.3.6.1.4.1.674.10892.1.1700.40.1.12
Description Defines the initialization string to be sent to the modem for this remote access dial-up functionality.
Syntax DisplayString (SIZE (0..63))
Access Read-write

Table 1359. Remote Dial-Up Modem Baud Rate

Name remoteDialUpModemBaudRate
Object ID 1.3.6.1.4.1.674.10892.1.1700.40.1.13
Description Defines the baud rate for the modem used by this remote access dial-up functionality.
Syntax DellUnsigned32BitRange
Access Read-write

Table 1360. Remote Dial-Up Modem Port

Name remoteDialUpModemPort
Object ID 1.3.6.1.4.1.674.10892.1.1700.40.1.14
Description Defines the port for the modem used by this remote access dialup functionality.
Syntax DellUnsigned32BitRange
Access Read-write

Remote User Dial-In Configuration Table

Table 1361. Remote User Dial-In Configuration Table

Name	remoteUserDialInCfgTable
Object ID	1.3.6.1.4.1.674.10892.1.1700.50
Description	Defines the Remote Access User Dial-In Configuration Table.
Syntax	SEQUENCE OF RemoteUserDialInCfgTableEntry
Access	Not accessible

Table 1362. Remote User Dial-In Configuration Table Entry

Name	remoteUserDialInCfgTableEntry
Object ID	1.3.6.1.4.1.674.10892.1.1700.50.1
Description	Defines the Remote Access User Dial-In Configuration Table entry.
Syntax	RemoteUserDialInCfgTableEntry
Access	Not accessible
Index	remoteUserDialInCfgChassisIndex , remoteUserDialInCfgAdapterIndex , remoteUserDialInCfgUserIndex

Table 1363. Remote User Dial-In Configuration Chassis Index

Name	remoteUserDialInCfgChassisIndex
Object ID	1.3.6.1.4.1.674.10892.1.1700.50.1.1
Description	Defines the index (one-based) of the chassis containing the remote access hardware.
Syntax	DellObjectRange
Access	Read-only

Table 1364. Remote User Dial-In Configuration Adapter Index

Name	remoteUserDialInCfgAdapterIndex
Object ID	1.3.6.1.4.1.674.10892.1.1700.50.1.2
Description	Defines the index (one-based) of the remote access hardware that supports this remote access dial-in user.
Syntax	DellObjectRange
Access	Read-only

Table 1365. Remote User Dial-In Configuration User Index

Name	remoteUserDialInCfgUserIndex
Object ID	1.3.6.1.4.1.674.10892.1.1700.50.1.3
Description	Defines the index (one-based) of this remote access dial-in user.
Syntax	DellObjectRange
Access	Read-only

Table 1366. Remote User Dial-In Configuration State Capabilities

Name	remoteUserDialInCfgStateCapabilities
Object ID	1.3.6.1.4.1.674.10892.1.1700.50.1.4
Description	Defines the state capabilities of this remote access dial-in user.
Syntax	DellRemoteUserDialInStateCapabilities (Remote User Dial-In State Capabilities)
Access	Read-only

Table 1367. Remote User Dial-In Configuration State Settings

Name	remoteUserDialInCfgStateSettings
Object ID	1.3.6.1.4.1.674.10892.1.1700.50.1.5
Description	Defines the state settings of this remote access dial-in user.
Syntax	DellRemoteUserDialInStateSettings (Remote User Dial-In State Settings)
Access	Read-write

Table 1368. Remote User Dial-In Configuration Status

Name	remoteUserDialInCfgStatus
Object ID	1.3.6.1.4.1.674.10892.1.1700.50.1.6
Description	Defines the status of this remote access dial-in user.
Syntax	DellStatus
Access	Read-only

Table 1369. Remote User Dial-In Configuration PPP Username

Name	remoteUserDialInCfgPPPUserName
Object ID	1.3.6.1.4.1.674.10892.1.1700.50.1.7
Description	Defines the PPP user name of this remote access dial-in user.
Syntax	DisplayString (SIZE (0..15))
Access	Read-write

Table 1370. Remote User Dial-In Configuration PPP User Password Name

Name	remoteUserDialInCfgPPPUserPasswordName
Object ID	1.3.6.1.4.1.674.10892.1.1700.50.1.8

Description	Defines the PPP password of this remote access dial-in user.
Syntax	DisplayString (SIZE (0..15))
Access	Read-write

Table 1371. Remote User Dial-In Configuration Callback Phone Number Name

Name	<code>remoteUserDialInCfgCallbackPhoneNumberName</code>
Object ID	1.3.6.1.4.1.674.10892.1.1700.50.1.9
Description	Defines the callback phone number for this remote access dial-in user.
Syntax	DisplayString (SIZE (0..95))
Access	Read-write

Remote Dial-Out Table

Table 1372. Remote Dial-Out Table

Name	<code>remoteDialOutTable</code>
Object ID	1.3.6.1.4.1.674.10892.1.1700.60
Description	Defines the Remote Access Dial-Out Table.
Syntax	SEQUENCE of RemoteDialOutTableEntry
Access	Not accessible

Table 1373. Remote Dial-Out Table Entry

Name	<code>remoteDialOutTableEntry</code>
Object ID	1.3.6.1.4.1.674.10892.1.1700.60.1
Description	Defines the Remote Access Dial-Out Table entry.
Syntax	RemoteDialOutTableEntry
Access	Not accessible
Index	<code>remoteDialOutChassisIndex</code> , <code>remoteDialOutAdapterIndex</code> , <code>remoteDialOutDialOutIndex</code>

Table 1374. Remote Dial-Out Chassis Index

Name	<code>remoteDialOutChassisIndex</code>
Object ID	1.3.6.1.4.1.674.10892.1.1700.60.1.1
Description	Defines the index (one-based) of the chassis containing the remote access hardware.
Syntax	DellObjectRange

Access Read-only

Table 1375. Remote Dial-Out Adapter Index

Name remoteDialOutAdapterIndex
Object ID 1.3.6.1.4.1.674.10892.1.1700.60.1.2
Description Defines the index (one-based) of the remote access hardware that supports this remote access dial-out functionality.
Syntax DellObjectRange
Access Read-only

Table 1376. Remote Dial-Out Dial-Out Index

Name remoteDialOutDialOutIndex
Object ID 1.3.6.1.4.1.674.10892.1.1700.60.1.3
Description Defines the index (one-based) of this remote access dial-out functionality.
Syntax DellObjectRange
Access Read-only

Table 1377. Remote Dial-Out State Capabilities

Name remoteDialOutStateCapabilities
Object ID 1.3.6.1.4.1.674.10892.1.1700.60.1.4
Description Defines the state capabilities of this remote access dial-out functionality.
Syntax DellRemoteDialOutStateCapabilities ([Remote Dial-Out State Capabilities](#))
Access Read-only

Table 1378. Remote Dial-Out State Settings

Name remoteDialOutStateSettings
Object ID 1.3.6.1.4.1.674.10892.1.1700.60.1.5
Description Defines the state settings of this remote access dial-out functionality.
Syntax DellRemoteDialOutStateSettings ([Remote Dial-Out State Settings](#))
Access Read-write

Table 1379. Remote Dial-Out Status

Name remoteDialOutStatus
Object ID 1.3.6.1.4.1.674.10892.1.1700.60.1.6
Description Defines the status of this remote access dial-out functionality.
Syntax DellStatus
Access Read-only

Table 1380. Remote Dial-Out IP Address

Name	<code>remoteDialOutIPAddress</code>
Object ID	<code>1.3.6.1.4.1.674.10892.1.1700.60.1.7</code>
Description	Defines the IP address for this remote access dial-out destination.
Syntax	<code>IpAddress</code>
Access	Read-write

Table 1381. Remote Dial-Out Phone Number Name

Name	<code>remoteDialOutPhoneNumberName</code>
Object ID	<code>1.3.6.1.4.1.674.10892.1.1700.60.1.8</code>
Description	Defines the phone number for this remote access dial-out destination.
Syntax	<code>DisplayString (SIZE (0..95))</code>
Access	Read-write

Table 1382. Remote Dial-Out PPP Username

Name	<code>remoteDialOutPPPUserName</code>
Object ID	<code>1.3.6.1.4.1.674.10892.1.1700.60.1.9</code>
Description	Defines the PPP user name for this remote access dial-out destination.
Syntax	<code>DisplayString (SIZE (0..31))</code>
Access	Read-write

Table 1383. Remote Dial-Out PPP Password Name

Name	<code>remoteDialOutPPPPasswordName</code>
Object ID	<code>1.3.6.1.4.1.674.10892.1.1700.60.1.10</code>
Description	Defines the PPP password for this remote access dial-out destination.
Syntax	<code>DisplayString (SIZE (0..31))</code>
Access	Read-write

Remote Access Variable Values

This section includes definitions for server administrator-specific variable values used in this section.

Table 1384. Remote Access Type

Variable Name:`DellRemoteAccessType`

Data Type:`Integer`

Possible Data Values	Meaning of Data Value
<code>remoteAccessType IsOther (1)</code>	The remote access type is not one of the following:
<code>remoteAccessType IsUnknown (2)</code>	The remote access type is unknown.

remoteAccessType IsDRACIII (3) The remote access type is DRAC III.

remoteAccessType IsERA (4) The remote access type is ERA.

Table 1385. Remote Access Control Capabilities

Variable Name:DellRemoteAccessControlCapabilities

Data Type:Integer

Possible Data Values	Meaning of Data Value
none (0)	The remote access hardware has no control capabilities.
unknownCapabilities (1)	The remote access hardware control capabilities are unknown.
logResetCapable (2)	The remote access hardware can reset its integrated logs.
hardResetCapable (4)	The remote access hardware can perform a hard reset.
softResetCapable (8)	The remote access hardware can perform a soft reset.
gracefulResetCapable (16)	The remote access hardware can gracefully shut down and perform a soft reset.
defaultConfigResetCapable (32)	The remote access hardware can reset to its default settings.
shutdownCapable (64)	The remote access hardware can shut down.

Table 1386. Remote Access Control Settings

Variable Name:DellRemoteAccessControlSettings

Data Type:Integer

Possible Data Values	Meaning of Data Value
none (0)	The remote access hardware has no control settings.
unknown (1)	The remote access hardware control settings are unknown.
logReset (2)	The remote access hardware resets its integrated logs.
hardReset (4)	The remote access hardware performs a hard reset.
softReset (8)	The remote access hardware performs a soft reset.
gracefulReset (16)	The remote access hardware shuts down and perform a soft reset.
defaultConfigReset (32)	The remote access hardware resets to its default settings.

shutdown (64) The remote access hardware shuts down.

Table 1387. Remote Access Monitor Capabilities

Variable Name:DellRemoteAccessMonitorCapabilities

Data Type:Integer

Possible Data Values	Meaning of Data Value
none (0)	The remote access hardware has no monitor capabilities.
unknownCapabilities (1)	The remote access hardware monitor capabilities are unknown.
extPwrSupplyMonitorIfConnectedCapable (2)	The remote access hardware can be set to monitor the external power supply, if connected.
extPwrSupplyMonitorAlwaysEnabledCapable (4)	The remote access hardware can be set to always monitor the external power supply.

Table 1388. Remote Access Monitor Settings

Variable Name:DellRemoteAccessMonitorSettings

Data Type:Integer

Possible Data Values	Meaning of Data Value
none (0)	The remote access hardware has no monitor settings.
unknown (1)	The remote access hardware monitor settings are unknown.
extPwrSupplyMonitorIfConnectedEnabled (2)	The remote access hardware monitors the external power supply, if connected.
extPwrSupplyMonitorAlwaysEnabledEnabled (4)	The remote access hardware always monitors the external power supply.

Table 1389. Remote Access Local Area Network (LAN) Capabilities

Variable Name:DellRemoteAccessLANCapabilities

Data Type:Integer

Possible Data Values	Meaning of Data Value
none (0)	The remote access hardware has no LAN capabilities.
unknownCapabilities (1)	The remote access hardware LAN capabilities are unknown.
nicCapable (2)	The remote access hardware has a network interface controller (NIC).

nicDHCPCapable (4) The remote access hardware NIC can use DHCP to obtain an IP address.

Table 1390. Remote Access LAN Settings

Variable Name:DellRemoteAccessLANSettings

Data Type:Integer

Possible Data Values	Meaning of Data Value
none (0)	The remote access hardware has no LAN settings.
unknown (1)	The remote access hardware LAN settings are unknown.
nicEnabled (2)	The remote access hardware NIC is enabled.
nicDHCPEnabled (4)	The remote access hardware NIC uses DHCP to obtain an IP address.

Table 1391. Remote Access Host Capabilities

Variable Name:DellRemoteAccessHostCapabilities

Data Type:Integer

Possible Data Values	Meaning of Data Value
none (0)	The remote access hardware has no host capabilities.
unknownCapabilities (1)	The remote access hardware host capabilities are unknown.
smtpEmailCapable (2)	The remote access hardware supports sending e-mail using SMTP.
tftpRemoteFloppyCapable (4)	The remote access hardware supports remote floppy boot using a TFTP server.
tftpRemoteFirmwareUpdateCapable (8)	The remote access hardware supports remote firmware update using a TFTP server.

Table 1392. Remote Access Host Settings

Variable Name:DellRemoteAccessHostSettings

Data Type:Integer

Possible Data Values	Meaning of Data Value
none (0)	The remote access hardware has no host settings.
unknown (1)	The remote access hardware host settings are unknown.
smtpEmailEnabled (2)	The remote access hardware SMTP client is enabled for sending e-mail.
tftpRemoteFloppyEnabled (4)	The remote access hardware TFTP client is enabled for remote floppy boot.
tftpRemoteFirmwareUpdateEnabled (8)	The remote access hardware TFTP client is enabled for remote firmware update.

Table 1393. Remote Access Out-Of-Band Simple Network Management Protocol (SNMP) Capabilities**Variable Name:**DellRemoteAccessOutOfBandSNMPCapabilities**Data Type:**Integer

Possible Data Values	Meaning of Data Value
none (0)	The remote access hardware has no out-of-band SNMP capabilities.
unknownCapabilities (1)	The remote access hardware out-of-band SNMP capabilities are unknown.
oobSNMPAgentCapable (2)	The remote access hardware has an out-of-band SNMP agent.
oobSNMPTrapsCapable (4)	The remote access hardware can send out-of-band SNMP traps.

Table 1394. Remote Access Out-Of-Band Simple Network Management Protocol (SNMP) Settings**Variable Name:**DellRemoteAccessOutOfBandSNMPSettings**Data Type:**Integer

Possible Data Values	Meaning of Data Value
none (0)	The remote access hardware has no out-of-band SNMP settings.
unknown (1)	The remote access hardware out-of-band SNMP settings are unknown.
oobSNMPAgentEnabled (2)	The remote access hardware out-of-band SNMP agent is enabled.
oobSNMPTrapsEnabled (4)	The remote access hardware sends out-of-band SNMP traps.

Table 1395. Remote User Admin State Capabilities**Variable Name:**DellRemoteUserAdminStateCapabilities**Data Type:**Integer

Possible Data Values	Meaning of Data Value
none (0)	The admin user has no state capabilities.
unknownCapabilities (1)	The admin user state capabilities are unknown.
enableCapable (2)	The admin user can be disabled or enabled.
notReadyCapable (4)	The admin user can be in the <i>not ready</i> state.
numericPagerCapable (8)	The admin user supports numeric paging.
alphaPagerCapable (16)	The admin user supports alphanumeric paging.
emailCapable (32)	The admin user supports e-mail.

privilegeCapable(64)	The admin user supports user privileges configuration.
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Table 1396. Remote User Admin State Settings

Variable Name:DellRemoteUserAdminStateSettings

Data Type:Integer

Possible Data Values	Meaning of Data Value
none (0)	The admin user has no state settings.
unknown (1)	The admin user state settings are unknown.
enabled (2)	The admin user is enabled.
notReady (4)	The admin user is in the <i>not ready</i> state.
numericPagerEnabled (8)	Numeric paging is enabled for the admin user.
alphaPagerEnabled (16)	Alphanumeric paging is enabled for the admin user.
emailEnabled (32)	E-mail is enabled for the admin user.

Table 1397. Remote User Admin Control Capabilities

Variable Name:DellRemoteUserAdminControlCapabilities

Data Type:Integer

Possible Data Values	Meaning of Data Value
none (0)	The admin user has no control capabilities.
unknownCapabilities (1)	The admin user control capabilities are unknown.
numericPagerTestCapable (2)	The admin user can support sending a test numeric page.
alphaPagerTestCapable (4)	The admin user can support sending a test alphanumeric page.
emailTestCapable (8)	The admin user can support sending a test e-mail.

Table 1398. Remote User Admin Control Settings

Variable Name:DellRemoteUserAdminControlSettings

Data Type:Integer

Possible Data Values	Meaning of Data Value
none (0)	The admin user has no control settings.
unknown (1)	The admin user control settings are unknown.
numericPagerTest (2)	A numeric pager test is performed for the admin user.
alphaPagerTest (4)	An alphanumeric pager test is performed for the admin user.

emailTest (8) An e-mail test is performed for the admin user.

Table 1399. Remote User Admin Alpha Protocol Type

Variable Name:DellRemoteUserAdminAlphaProtocolType

Data Type:Integer

Possible Data Values	Meaning of Data Value
other (1)	The remote user admin alpha protocol type is not one of the following:
unknown (2)	The remote user admin alpha protocol type is unknown.
alpha7E0 (3)	The remote user admin alpha protocol type is 7E0.
alpha8N1 (4)	The remote user admin alpha protocol type is 8N1.

Table 1400. Remote User Admin Alpha Baud Type

Variable Name:DellRemoteUserAdminAlphaBaudType

Data Type:Integer

Possible Data Values	Meaning of Data Value
other (1)	The remote user alphanumeric baud rate is not one of the following:
unknown (2)	The remote user alphanumeric baud rate is unknown.
alphaBaud300 (3)	The remote user alphanumeric baud rate is 300.
alphaBaud1200 (4)	The remote user alphanumeric baud rate is 1200.

Table 1401. Remote SNMP Trap State Capabilities

Variable Name:DellRemoteSNMPTrapStateCapabilities

Data Type:Integer

Possible Data Values	Meaning of Data Value
none (0)	The SNMP trap destination has no state capabilities.
unknownCapabilities (1)	The SNMP trap destination state capabilities are unknown.
enableCapable (2)	The SNMP trap destination can be disabled or enabled.
notReadyCapable (4)	The SNMP trap destination can be in the not ready state.

Table 1402. Remote SNMP Trap State Settings

Variable Name:DellRemoteSNMPTrapStateSettings

Data Type:Integer

Possible Data Values	Meaning of Data Value
none (0)	The SNMP trap destination has no state settings.

unknown (1)	The SNMP trap destination state settings are unknown.
enabled (2)	The SNMP trap destination is enabled.
notReady (4)	The SNMP trap destination is in the <i>not ready</i> state.

Table 1403. Remote SNMP Trap Control Capabilities

Variable Name:DellRemoteSNMPTrapControlCapabilities

Data Type:Integer

Possible Data Values	Meaning of Data Value
none (0)	The SNMP trap destination has no control capabilities.
unknownCapabilities (1)	The SNMP trap destination control capabilities are unknown.
trapTestCapable (2)	A SNMP trap test can be performed for the SNMP trap destination.

Table 1404. Remote SNMP Trap Control Settings

Variable Name:DellRemoteSNMPTrapControlSettings

Data Type:Integer

Possible Data Values	Meaning of Data Value
none (0)	The SNMP trap destination has no control settings.
unknown (1)	The SNMP trap destination control settings are unknown.
trapTestCapable (2)	A SNMP trap test is performed for the SNMP trap destination.

Table 1405. Remote Dial-Up State Capabilities

Variable Name:DellRemoteDialUpStateCapabilities

Data Type:Integer

Possible Data Values	Meaning of Data Value
none (0)	The dial-up functionality has no state capabilities.
unknownCapabilities (1)	The dial-up functionality state capabilities are unknown.
enableCapable (2)	The dial-up functionality can be disabled or enabled.
notReadyCapable (4)	The dial-up functionality can be in the not ready state.
dialInCapable (8)	The dial-up functionality can support the dial-in feature.
dialOutCapable (16)	The dial-up functionality can support the dial-out feature.

dialInDHCPCapable (32)	The dial-up functionality can support using DHCP to obtain an IP address for the dial-in feature.
dialInAuthAnyCapable (64)	The dial-up functionality can support any authentication type (including clear text) for the dial-in feature.
dialInAuthEncryptedCapable (128)	The dial-up functionality can support encrypted passwords (CHAP) authentication for the dial-in feature.
dialInAuthMschapCapable (256)	The dial-up functionality can support MSCHAP authentication type for the dial-in feature.

Table 1406. Remote Dial-Up State Settings

Variable Name:DellRemoteDialUpStateSettings

Data Type:Integer

Possible Data Values	Meaning of Data Value
none (0)	The dial-up functionality has no state settings.
unknown (1)	The dial-up functionality state settings are unknown.
enabled (2)	The dial-up functionality is enabled.
notReadyCapable (4)	The dial-up functionality is in the <i>not ready</i> state.
dialInEnabled (8)	The dial-up functionality dial-in feature is enabled.
dialOutEnabled (16)	The dial-up functionality dial-out feature is enabled.
dialInDHCPEnabled (32)	The dial-up functionality uses DHCP to obtain an IP address for the dial-in feature.
dialInAuthAnyEnabled (64)	The dial-up functionality accepts any authentication type (including clear text) for the dial-in feature.
dialInAuthEncrypted Enabled (128)	The dial-up functionality uses only encrypted passwords (CHAP) authentication type for the dialin feature.
dialInAuthMschap Enabled (256)	The dial-up functionality uses only MSCHAP authentication type for the dial-in feature.

Table 1407. Remote Dial-Up Modem Dial Type

Variable Name:DellRemoteDialUpModemDialType

Data Type:Integer

Possible Data Values	Meaning of Data Value
remoteDialUpIsOther (1)	The remote dial type is not one of the following:
remoteDialUpIsUnknown (2)	The remote dial type is unknown.

remoteDialUpIsTone(3)	The remote dial type is tone.
remoteDialUpIsPulse(4)	The remote dial type is pulse.

Table 1408. Remote User Dial-In State Capabilities

Variable Name:DellRemoteUserDialInStateCapabilities

Data Type:Integer

Possible Data Values	Meaning of Data Value
none(0)	The dial-in user has no state capabilities.
unknownCapabilities(1)	The dial-in user state capabilities are unknown.
enableCapable(2)	The dial-in user can be disabled or enabled.
notReadyCapable(4)	The dial-in user can be in the not ready state.
dialInCallbackPresetNumberCapable(8)	The dial-in user can support callback using a preset number.
dialInCallbackUserSpecifiedCapable(16)	The dial-in user can support callback using a user-specified number.

Table 1409. Remote User Dial-In State Settings

Variable Name:DellRemoteUserDialInStateSettings

Data Type:Integer

Possible Data Values	Meaning of Data Value
none(0)	The dial-in user has no state settings.
unknown(1)	The dial-in user state settings are unknown.
enabled(2)	The dial-in user is enabled.
notReady(4)	The dial-in user is in the <i>not ready</i> state.
dialInCallbackPresetNumberEnabled(8)	Callback using a preset number is enabled for the dial-in user.
dialInCallbackUserSpecifiedEnabled(16)	Callback using a user-specified number is enabled for the dial-in user.

Table 1410. Remote Dial-Out State Capabilities

Variable Name:DellRemoteDialOutStateCapabilities

Data Type:Integer

Possible Data Values	Meaning of Data Value
none(0)	The dial-out destination has no state capabilities.
unknownCapabilities(1)	The dial-out destination state capabilities are unknown.

<code>enableCapable (2)</code>	The dial-out destination can be disabled or enabled.
<code>notReadyCapable (4)</code>	The dial-out destination can be in the <i>not ready</i> state.
<code>dialOutPPPAuthAnyCapable (8)</code>	The dial-out destination can support any authentication type (including clear text) for PPP.
<code>dialOutPPPAuthEncryptedCapable (16)</code>	The dial-out destination can support encrypted passwords authentication type for PPP.
<code>dialOutPPPAuthMsChapCapable (32)</code>	The dial-out destination can support MSCHAP authentication type for PPP.

Table 1411. Remote Dial-Out State Settings

Variable Name: `DellRemoteDialOutStateSettings`

Data Type: `Integer`

Possible Data Values	Meaning of Data Value
<code>none (0)</code>	The dial-out destination has no state settings.
<code>unknown (1)</code>	The dial-out destination state settings are unknown.
<code>enabled (2)</code>	The dial-out destination is disabled or enabled.
<code>notReady (4)</code>	The dial-out destination is in the <i>not ready</i> state.
<code>dialOutPPPAuthAnyEnabled (8)</code>	The dial-out destination accepts any authentication type (including clear text) for PPP.
<code>dialOutPPPAuthEncryptedEnabled (16)</code>	The dial-out destination uses only encrypted passwords authentication type for PPP.
<code>dialOutPPPAuthMsChapEnabled (32)</code>	The dial-out destination uses only MSCHAP authentication type for PPP.

Cluster Group

Clustering combines multiple systems in such a way that they provide services a single system cannot. Clustering enhances higher availability, scalability, and management. Higher availability is achieved by using *failover* clusters, in which resources can automatically move between two or more systems in the event of a failure. Scalability is achieved by balancing the load of an application across several computer systems. Simpler management is achieved by using virtual servers, as opposed to managing each individual computer system.

Cluster Group

The Cluster Group defines attributes such as the number of systems in the cluster, capabilities of the cluster, type of cluster, and name of the cluster.

Cluster Table

The following table defines the attributes of the cluster.

Table 1412. Cluster Table

Name	<code>clusterTable</code>
Object ID	1.3.6.1.4.1.674.10892.1.1800.10
Description	Defines the Cluster Table.
Syntax	SEQUENCE OF ClusterTableEntry
Access	Not accessible

Table 1413. Cluster Table Entry

Name	<code>clusterTableEntry</code>
Object ID	1.3.6.1.4.1.674.10892.1.1800.10.1
Description	Defines the Cluster Table entry.
Syntax	ClusterTableEntry
Access	Not accessible
Index	<code>clusterChassisIndex</code> , <code>clusterIndex</code>

Table 1414. Cluster Chassis Index

Name	<code>clusterChassisIndex</code>
Object ID	1.3.6.1.4.1.674.10892.1.1800.10.1.1

Description	Defines the index (one-based) of this chassis.
Syntax	DellObjectRange
Access	Read-only

Table 1415. Cluster Index

Name	clusterIndex
Object ID	1.3.6.1.4.1.674.10892.1.1800.10.1.2
Description	Defines the index (one-based) of the cluster.
Syntax	DellObjectRange
Access	Read-only

Table 1416. Cluster State Capabilities

Name	clusterStateCapabilities
Object ID	1.3.6.1.4.1.674.10892.1.1800.10.1.3
Description	Defines the state capabilities of the cluster.
Syntax	DellStateCapabilities
Access	Read-only

Table 1417. Cluster State Settings

Name	clusterStateSettings
Object ID	1.3.6.1.4.1.674.10892.1.1800.10.1.4
Description	Defines the state settings of the cluster.
Syntax	DellStateSettings
Access	Read-write

Table 1418. Cluster Status

Name	clusterStatus
Object ID	1.3.6.1.4.1.674.10892.1.1800.10.1.5
Description	Defines the status of the cluster.
Syntax	DellStatus
Access	Read-only

Table 1419. Cluster Type

Name	clusterType
Object ID	1.3.6.1.4.1.674.10892.1.1800.10.1.6
Description	Defines the type of the cluster.
Syntax	DellClusterType
Access	Read-only

Table 1420. Cluster Type Description Name

Name	<code>clusterTypeDescriptionName</code>
Object ID	1.3.6.1.4.1.674.10892.1.1800.10.1.7
Description	Defines the description name for the type of the cluster.
Syntax	DellString
Access	Read-only

Table 1421. Cluster Name

Name	<code>clusterName</code>
Object ID	1.3.6.1.4.1.674.10892.1.1800.10.1.8
Description	Defines the name of the cluster.
Syntax	DellString
Access	Read-only

Cluster Group Variable Values

This section includes definitions for Server Administrator-specific variable values used in this section.

Table 1422. Cluster Type

Variable Name:`DellClusterType`

Data Type:`Integer`

Possible Data Values	Meaning of Data Value
<code>unknown(1)</code>	The cluster type is unknown.
<code>highAvailabilityCluster(2)</code>	The cluster type is a high-availability cluster.

Baseboard Management Controller Group

The Baseboard Management Controller (BMC) monitors the system for critical events by communicating with various sensors on the system board and sends alerts and log events when certain parameters exceed their preset thresholds. The BMC Group provides information about the BMC that may be present in your system. In addition to providing general information about the BMC, this group provides information about the serial and local area network (LAN) interfaces of the BMC.

Baseboard Management Controller Group Tables

The objects in the BMC group define information about the BMC and the serial and LAN interfaces that can be used to access the BMC remotely to perform management activities. Objects for the serial interface define the serial connection mode, flow control type and bit rate. Objects for the LAN interface define the media access control (MAC) address, internet protocol (IP) address, subnet mask and default gateway.

The following MIB tables define the BMC group:

- Baseboard Management Controller Table
- Baseboard Management Controller Serial Interface Table
- Baseboard Management Controller LAN Interface Table

Baseboard Management Controller Table

Table 1423. BMC Table

Name	bmcTable
Object ID	1.3.6.1.4.1.674.10892.1.1900.10
Description	Defines the Baseboard Management Controller Table.
Syntax	SEQUENCE OF BmcTableEntry
Access	Not accessible

Table 1424. BMC Table Entry

Name	bmcTableEntry
Object ID	1.3.6.1.4.1.674.10892.1.1900.10.1
Description	Defines the Baseboard Management Controller (BMC) Table Entry.
Syntax	BmcTableEntry
Access	Not accessible
Index	bmcChassisIndex

bmcIndex

Table 1425. BMC Chassis Index

Name	bmcChassisIndex
Object ID	1.3.6.1.4.1.674.10892.1.1900.10.1.1
Description	Defines the index (one-based) of the associated chassis.
Syntax	DellObjectRange
Access	Read-only

Table 1426. BMC Index

Name	bmcIndex
Object ID	1.3.6.1.4.1.674.10892.1.1900.10.1.2
Description	Defines the index (one-based) of the BMC.
Syntax	DellObjectRange
Access	Read-only

Table 1427. BMC State Capabilities

Name	bmcStateCapabilities
Object ID	1.3.6.1.4.1.674.10892.1.1900.10.1.3
Description	Defines the state capabilities of the BMC.
Syntax	DellStateCapabilities
Access	Read-only

Table 1428. BMC State Settings

Name	bmcStateSettings
Object ID	1.3.6.1.4.1.674.10892.1.1900.10.1.4
Description	Defines the state settings of the BMC.
Syntax	DellStateSettings
Access	Read-write

Table 1429. BMC Status

Name	bmcStatus
Object ID	1.3.6.1.4.1.674.10892.1.1900.10.1.5
Description	Defines the status of the BMC.
Syntax	DellStatus
Access	Read-only

Table 1430. BMC Display Name

Name	bmcDisplayName
Object ID	1.3.6.1.4.1.674.10892.1.1900.10.1.6
Description	Defines the display name of the BMC.
Syntax	DellString
Access	Read-only

Table 1431. BMC Description Name

Name	bmcDescriptionName
Object ID	1.3.6.1.4.1.674.10892.1.1900.10.1.7
Description	Defines the description of the BMC.
Syntax	DisplayString (SIZE (0..255))
Access	Read-only

Table 1432. BMC IPMI Version Name

Name	bmcIPMIVersionName
Object ID	1.3.6.1.4.1.674.10892.1.1900.10.1.8
Description	Defines the version of the Intelligent Platform Management Interface (IPMI) specification that the BMC supports.
Syntax	DellString
Access	Read-only

Table 1433. BMC GUID

Name	bmcGUID
Object ID	1.3.6.1.4.1.674.10892.1.1900.10.1.9
Description	Defines the Globally Unique ID (GUID) of the BMC.
Syntax	Octet String (SIZE(16))
Access	Read-only

Table 1434. BMC Type

Name	bmcType
Object ID	1.3.6.1.4.1.674.10892.1.1900.10.1.10
Description	Defines the type of the BMC.
Syntax	DellManagementControllerType
Access	Read-only

Table 1435. BMC Module Name

Name	bmcModuleName
Object ID	1.3.6.1.4.1.674.10892.1.1900.10.1.11

Description	Defines the module name for the BMC. The module name is present only on certain systems, such as modular systems.
Syntax	DellString
Access	Read-only

Table 1436. BMC IPv4 URL Name

Name	bmcIPv4URLName
Object ID	1.3.6.1.4.1.674.10892.1.1900.10.1.12
Description	Defines the IPv4 URL for the BMC. The URL is not present on all systems.
Syntax	DisplayString (SIZE (0..1024))
Access	Read-only

Table 1437. BMC IPv6 URL Name

Name	bmcIPv6URLName
Object ID	1.3.6.1.4.1.674.10892.1.1900.10.1.13
Description	Defines the IPv6 URL for the BMC. The URL is not present on all systems.
Syntax	DisplayString (SIZE (0..1024))
Access	Read-only

Baseboard Management Controller Serial Interface

Table 1438. BMC Serial Interface Table

Name	bmcSerialInterfaceTable
Object ID	1.3.6.1.4.1.674.10892.1.1900.20
Description	Defines the BMC Serial Interface Table.
Syntax	SEQUENCE OF BmcSerialInterfaceTableEntry
Access	Not accessible

Table 1439. BMC Serial Interface Table Entry

Name	bmcSerialInterfaceTableEntry
Object ID	1.3.6.1.4.1.674.10892.1.1900.20.1
Description	Defines the BMC Serial Interface Table Entry.
Syntax	BmcSerialInterfaceTableEntry
Access	Not accessible
Index	bmcSerialInterfaceChassisIndex , bmcSerialInterfaceBMCIndex

bmcSerialInterfaceIndex

Table 1440. BMC Serial Interface Chassis Index

Name	bmcSerialInterfaceChassisIndex
Object ID	1.3.6.1.4.1.674.10892.1.1900.20.1.1
Description	Defines the index (one-based) of the associated chassis.
Syntax	DellObjectRange
Access	Read-only

Table 1441. BMC Serial Interface BMC Index

Name	bmcSerialInterfaceBMCIndex
Object ID	1.3.6.1.4.1.674.10892.1.1900.20.1.2
Description	Defines the index (one-based) of the associated BMC.
Syntax	DellObjectRange
Access	Read-only

Table 1442. BMC Serial Interface Index

Name	bmcSerialInterfaceIndex
Object ID	1.3.6.1.4.1.674.10892.1.1900.20.1.3
Description	Defines the index (one-based) of the BMC serial interface.
Syntax	DellObjectRange
Access	Read-only

Table 1443. BMC Serial Interface State Capabilities

Name	bmcSerialInterfaceStateCapabilities
Object ID	1.3.6.1.4.1.674.10892.1.1900.20.1.4
Description	Defines the state capabilities of the BMC serial interface.
Syntax	DellStateCapabilities
Access	Read-only

Table 1444. BMC Serial Interface State Settings

Name	bmcSerialInterfaceStateSettings
Object ID	1.3.6.1.4.1.674.10892.1.1900.20.1.5
Description	Defines the state settings of the BMC serial interface.
Syntax	DellStateSettings
Access	Read-write

Table 1445. BMC Serial Interface Status

Name	bmcSerialInterfaceStatus
Object ID	1.3.6.1.4.1.674.10892.1.1900.20.1.6
Description	Defines the status of the BMC serial interface.
Syntax	DellStatus
Access	Read-only

Table 1446. BMC Serial Interface Channel Number

Name	bmcSerialInterfaceChannelNumber
Object ID	1.3.6.1.4.1.674.10892.1.1900.20.1.7
Description	Defines the BMC channel number of the BMC serial interface.
Syntax	DellUnsigned8BitRange
Access	Read-only

Table 1447. BMC Serial Interface Connection Mode Capabilities

Name	bmcSerialInterfaceConnectionModeCapabilities
Object ID	1.3.6.1.4.1.674.10892.1.1900.20.1.8
Description	Defines the connection mode capabilities of the BMC serial interface.
Syntax	DellBMCSerialConnectionModeCapabilities
Access	Read-only

Table 1448. BMC Serial Interface Connection Mode Settings

Name	bmcSerialInterfaceConnectionModeSettings
Object ID	1.3.6.1.4.1.674.10892.1.1900.20.1.9
Description	Defines the connection mode settings of the BMC serial interface.
Syntax	DellBMCSerialConnectionModeSettings
Access	Read-only

Table 1449. BMC Serial Interface Flow Control

Name	bmcSerialInterfaceFlowControl
Object ID	1.3.6.1.4.1.674.10892.1.1900.20.1.10
Description	Defines the flow control type of the BMC serial interface.
Syntax	DellBMCSerialFlowControlType
Access	Read-only

Table 1450. BMC Serial Interface Bit Rate

Name	bmcSerialInterfaceBitRate
Object ID	1.3.6.1.4.1.674.10892.1.1900.20.1.11

Description	Defines the bit rate of the BMC serial interface.
Syntax	DellBMCSerialBitRateType
Access	Read-only

Baseboard Management Controller LAN Interface Table

Table 1451. BMC LAN Interface

Name	bmcLANInterfaceTable
Object ID	1.3.6.1.4.1.674.10892.1.1900.30
Description	Defines the Baseboard Management Controller (BMC) LAN Interface Table.
Syntax	SEQUENCE OF BmcLANInterfaceTableEntry
Access	Not accessible

Table 1452. BMC LAN Interface Table Entry

Name	bmcLANInterfaceTableEntry
Object ID	1.3.6.1.4.1.674.10892.1.1900.30.1
Description	Defines the Baseboard Management Controller (BMC) LAN Interface Table Entry.
Syntax	BmcLANInterfaceTableEntry
Access	Not accessible
Index	bmcLANInterfaceChassisIndex , bmcLANInterfaceBMCIndex , bmcLANInterfaceIndex

Table 1453. BMC LAN Interface Chassis Index

Name	bmcLANInterfaceChassisIndex
Object ID	1.3.6.1.4.1.674.10892.1.1900.30.1.1
Description	Defines the index (one-based) of the associated chassis.
Syntax	DellObjectRange
Access	Read-only

Table 1454. BMC LAN Interface BMC Index

Name	bmcLANInterfaceBMCIndex
Object ID	1.3.6.1.4.1.674.10892.1.1900.30.1.2
Description	Defines the index (one-based) of the associated BMC.
Syntax	DellObjectRange

Access Read-only

Table 1455. BMC LAN Interface Index

Name bmcLANInterfaceIndex
Object ID 1.3.6.1.4.1.674.10892.1.1900.30.1.3
Description Defines the index (one-based) of the BMC LAN interface.
Syntax DellObjectRange
Access Read-only

Table 1456. BMC LAN Interface State Capabilities

Name bmcLANInterfaceStateCapabilities
Object ID 1.3.6.1.4.1.674.10892.1.1900.30.1.4
Description Defines the state capabilities of the BMC LAN interface.
Syntax DellStateCapabilities
Access Read-only

Table 1457. BMC LAN Interface State Settings

Name bmcLANInterfaceStateSettings
Object ID 1.3.6.1.4.1.674.10892.1.1900.30.1.5
Description Defines the state settings of the BMC LAN interface.
Syntax DellStateSettings
Access Read-write

Table 1458. BMC LAN Interface Status

Name bmcLANInterfaceStatus
Object ID 1.3.6.1.4.1.674.10892.1.1900.30.1.6
Description Defines the status of the BMC LAN interface.
Syntax DellStatus
Access Read-only

Table 1459. BMC LAN Interface Channel Number

Name bmcLANInterfaceChannelNumber
Object ID 1.3.6.1.4.1.674.10892.1.1900.30.1.7
Description Defines the BMC channel number of the BMC LAN interface.
Syntax DellUnsigned8BitRange
Access Read-only

Table 1460. BMC LAN Interface IP Address Source

Name	bmcLANInterfaceIPAddressSource
Object ID	1.3.6.1.4.1.674.10892.1.1900.30.1.8
Description	Defines the source type of the IP address of the BMC LAN interface.
Syntax	DellBMCLANIPAddressSourceType
Access	Read-only

Table 1461. BMC LAN Interface IP Address

Name	bmcLANInterfaceIPAddress
Object ID	1.3.6.1.4.1.674.10892.1.1900.30.1.9
Description	Defines the IP address of the BMC LAN interface.
Syntax	IpAddress
Access	Read-only

Table 1462. BMC LAN Interface Subnet Mask Address

Name	bmcLANInterfaceSubnetMaskAddress
Object ID	1.3.6.1.4.1.674.10892.1.1900.30.1.10
Description	Defines the subnet mask of the BMC LAN interface.
Syntax	IpAddress
Access	Read-only

Table 1463. BMC LAN Interface Default Gateway Address

Name	bmcLANInterfaceDefaultGatewayAddress
Object ID	1.3.6.1.4.1.674.10892.1.1900.30.1.11
Description	Defines the IP address of the default gateway for the BMC LAN interface.
Syntax	IpAddress
Access	Read-only

Table 1464. BMC LAN Interface MAC Address

Name	bmcLANInterfaceMACAddress
Object ID	1.3.6.1.4.1.674.10892.1.1900.30.1.12
Description	Defines the MAC address of the BMC LAN interface.
Syntax	DellMACAddress
Access	Read-only

Table 1465. BMC LAN Interface Alert Community Name

Name	bmcLANInterfaceAlertCommunityName
Object ID	1.3.6.1.4.1.674.10892.1.1900.30.1.13

Description	Defines the SNMP community used for BMC LAN alerts (traps) sent on the BMC LAN interface.
Syntax	DisplayString (SIZE (0..32))
Access	Read-only

Baseboard Management Controller Group Variable Values

This section includes definitions for server administrator-specific variable values used in this section.

Table 1466. Baseboard Management Controller

Variable Name:DellBMCSerialConnectionModeCapabilities

Data Type:Integer

These values are bit masks; therefore, combination values are possible.

Possible Data Values	Meaning of Data Value
-- none (0)	No mode capabilities.
modemBasic (1)	BMC serial interface supports Modem Basic mode.
modemPPP (2)	BMC serial interface supports Modem Point to Point Protocol (PPP) mode.
modemTerminal (4)	BMC serial interface supports Modem Terminal mode.
directBasic (8)	BMC serial interface supports Direct Basic mode.
directPPP (16)	BMC serial interface supports Direct PPP mode.
directTerminal (32)	BMC serial interface supports Direct Terminal mode.

Table 1467. BMC Serial Connection Mode Settings

Variable

Name:DellBMCSerialConnectionModeSettingsDellBMCSerialConnectionModeCapabilities

Data Type:Integer

These values are bit masks; therefore, combination values are possible.

Possible Data Values	Meaning of Data Value
-- none (0)	No modes enabled.
modemBasic (1)	Modem Basic mode is enabled.
modemPPP (2)	Modem PPP mode is enabled.
modemTerminal (4)	Modem Terminal mode is enabled.
directBasic (8)	Direct Basic mode is enabled.
directPPP (16)	Direct PPP mode is enabled.
directTerminal (32)	Direct Terminal mode is enabled.

Table 1468. BMC Serial Flow Control Type

Variable Name:DellBMCSerialFlowControlType

Data Type:Integer

Possible Data Values	Meaning of Data Value
-- none(0)	No flow control used.
rtscts(1)	RTS/CTS (hardware) flow control used.
xonXoff(2)	XON/XOFF flow control used.

Table 1469. BMC Serial Bit Rate Type

Variable Name:DellBMCSerialBitRateType

Data Type:Integer

Possible Data Values	Meaning of Data Value
bps9600(6)	Bit rate is 9600 bps (bits per second)
bps19200(7)	Bit rate is 19200 bps
bps38400(8)	Bit rate is 38400 bps
bps57600(9)	Bit rate is 57600 bps
bps115200(10)	Bit rate is 115200 bps

Table 1470. BMC LAN IP Address Source Type

Variable Name:DellBMCLANIPAddressSourceType

Data Type:Integer

Possible Data Values	Meaning of Data Value
-- unspecified(0)	Source is unspecified.
static(1)	IP address is static.
dhcp(2)	Dynamic Host Configuration Protocol (DHCP) used to obtain IP address.
biosOrSystemSoftware(3)	BIOS or system software provided IP Address.
other(4)	Other protocol used to obtain IP address.

Table 1471. BMC Management Controller Type

Variable Name:DellManagementControllerType

Data Type:Integer

Possible Data Values	Meaning of Data Value
-- legacyBMC(0)	Controller type is legacy Baseboard Management Controller.
iDRAC(8)	Controller type is iDRAC.

iDRAC6 (10)	Controller type is Integrated Dell Remote Access Controller 6.
iDRAC6Modular (11)	Controller type is Integrated Dell Remote Access Controller 6 (Modular).
iDRAC6BMC (13)	Controller type is Integrated Dell Remote Access Controller 6 (BMC mode).
iDRAC7 (16)	Controller type is Integrated Dell Remote Access Controller 7.
iDRAC7Modular (17)	Controller type is Integrated Dell Remote Access Controller 7 (Modular).

Field Replaceable Unit Group

A field replaceable unit (FRU) is a part that can be removed and replaced without having to send the system to a repair facility. The Field Replaceable Unit Group provides information about the field replaceable units that may be present in your system.

Field Replaceable Unit Group Tables

The objects in the FRU group define information such as manufacturer, serial number, part number and revision for field replaceable units. The following MIB tables define the FRU group.

Table 1472. Field Replaceable Unit Table

Name	<code>fruTable</code>
Object ID	1.3.6.1.4.1.674.10892.1.2000.10
Description	Defines the Field Replaceable Unit table.
Syntax	SEQUENCE OF FruTableEntry
Access	Not accessible

Table 1473. FRU Table Entry

Name	<code>fruTableEntry</code>
Object ID	1.3.6.1.4.1.674.10892.1.2000.10.1
Description	Defines the FRU Table Entry.
Syntax	FruTableEntry
Access	Not accessible
Index	<code>fruChassisIndex</code> , <code>fruIndex</code>

Table 1474. FRU Chassis Index

Name	<code>fruChassisIndex</code>
Object ID	1.3.6.1.4.1.674.10892.1.2000.10.1.1
Description	Defines the index (one-based) of the chassis containing the FRU.
Syntax	DellObjectRange
Access	Read-only

Table 1475. FRU Index

Name	<code>fruIndex</code>
Object ID	1.3.6.1.4.1.674.10892.1.2000.10.1.2
Description	Defines the index (one-based) of the FRU.
Syntax	<code>DellObjectRange</code>
Access	Read-only

Table 1476. FRU Information Status

Name	<code>fruInformationStatus</code>
Object ID	1.3.6.1.4.1.674.10892.1.2000.10.1.3
Description	Defines the status of the FRU table entry.
Syntax	<code>DellStatus</code>
Access	Read-only

Table 1477. FRU Information State

Name	<code>fruInformationState</code>
Object ID	1.3.6.1.4.1.674.10892.1.2000.10.1.4
Description	Defines the state of the FRU information. Some information for the FRU may not be available if the state is other than ok(1).
Syntax	<code>DellFRUInformationState</code>
Access	Read-only

Table 1478. FRU Device Name

Name	<code>fruDeviceName</code>
Object ID	1.3.6.1.4.1.674.10892.1.2000.10.1.5
Description	Defines the device name of the FRU.
Syntax	<code>DisplayString (SIZE (0..64))</code>
Access	Read-only

Table 1479. FRU Manufacturer Name

Name	<code>fruManufacturerName</code>
Object ID	1.3.6.1.4.1.674.10892.1.2000.10.1.6
Description	Defines the manufacturer of the FRU.
Syntax	<code>DisplayString (SIZE (0..64))</code>
Access	Read-only

Table 1480. FRU Serial Number Name

Name	<code>fruSerialNumberName</code>
Object ID	1.3.6.1.4.1.674.10892.1.2000.10.1.7

Description	Defines the serial number of the FRU.
Syntax	DisplayString (SIZE (0..64))
Access	Read-only

Table 1481. FRU Part Number Name

Name	<code>fruPartNumberName</code>
Object ID	1.3.6.1.4.1.674.10892.1.2000.10.1.8
Description	Defines the part number of the FRU
Syntax	DisplayString (SIZE (0..64))
Access	Read-only

Table 1482. FRU Revision Name

Name	<code>fruRevisionName</code>
Object ID	1.3.6.1.4.1.674.10892.1.2000.10.1.9
Description	Defines the revision of the FRU.
Syntax	DisplayString (SIZE (0..64))
Access	Read-only

Table 1483. FRU Manufacturing Date Name

Name	<code>fruManufacturingDateName</code>
Object ID	1.3.6.1.4.1.674.10892.1.2000.10.1.10
Description	Defines the manufacturing date of the FRU.
Syntax	<code>DellDateName</code>
Access	Read-only

Table 1484. FRU Asset Tag Name

Name	<code>fruAssetTagName</code>
Object ID	1.3.6.1.4.1.674.10892.1.2000.10.1.11
Description	Defines the asset tag of the FRU.
Syntax	DisplayString (SIZE (0..64))
Access	Read-only

Field Replaceable Unit Group Variable Values

This section includes definitions for server administrator-specific variable values.

Table 1485. FRU Information State

Variable Name: `DellFRUInformationState`

Data Type: `Integer`

Possible Data Values

ok(1)

notSupported(2)

notAvailable(3)

checksumInvalid(4)

corrupted(5)

Meaning of Data Value

FRU information is okay.

FRU information is not supported.

FRU information is not available.

FRU information checksum is invalid.

FRU information is corrupted.

Storage Management Group

The Storage Management Group is composed of the following:

- Storage Management Group—information about the software product and system status.
- Storage Management Information Group—properties about the Simple Network Management Protocol (SNMP) agent.
- Global Data Group—system status.
- Physical Devices Group—physical devices managed by the software.
- Logical Devices Group—logical devices managed by the software.
- Storage Management Event Group—SNMP traps.

Storage Management Group

The Storage Management Information Base (MIB) Group defines the properties that identify information about the Storage Management software product and the current status of the system it manages.

Table 1486. Software Version

Name	<code>softwareVersion</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.1
Description	Identifies the version number of the storage management component of the systems management software.
Syntax	DisplayString
Access	Read-only

Table 1487. Global Status

Name	<code>globalStatus</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.2
Description	Identifies global health for the subsystem managed by the Storage Management software. This global status is customized for HP OpenView. Other applications should refer to the <code>agentSystemGlobalStatus</code> entry in the <code>globalData</code> object group. Possible values: 1: Critical 2: Warning 3: Normal 4: Unknown
Syntax	Integer
Access	Read-only

Table 1488. Software Manufacturer

Name	<code>softwareManufacturer</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.3
Description	Identifies the manufacturer of the Storage Management software.
Syntax	DisplayString
Access	Read-only

Table 1489. Software Product

Name	<code>softwareProduct</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.4
Description	Identifies product information for the Storage Management software.
Syntax	DisplayString
Access	Read-only

Table 1490. Software Description

Name	<code>softwareDescription</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.5
Description	Identifies the product description for the Storage Management software.
Syntax	DisplayString
Access	Read-only

Storage Management Information Group

The Storage Management Information MIB Group defines the properties that identify the Storage Management software SNMP agent.

Table 1491. Display Name

Name	<code>displayName</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.100.1
Description	Identifies the name of this management software for display purposes.
Syntax	DisplayString
Access	Read-only

Table 1492. Description

Name	<code>description</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.100.2
Description	Provides a short description of this management software.

Syntax	DisplayString
Access	Read-only

Table 1493. Agent Vendor

Name	agentVendor
Object ID	1.3.6.1.4.1.674.10893.1.20.100.3
Description	Identifies the name of the management software manufacturer.
Syntax	DisplayString
Access	Read-only

Table 1494. Agent Version

Name	agentVersion
Object ID	1.3.6.1.4.1.674.10893.1.20.100.4
Description	This entry is obsolete. Refer to softwareVersion.
Syntax	DisplayString
Access	Read-only

Global Data Group

The Global Data Management Information Base (MIB) Group defines the properties that identify status information about the system that the Storage Management software is managing and about the Storage Management SNMP agent.

Table 1495. Agent System Global Status

Name	agentSystemGlobalStatus
Object ID	1.3.6.1.4.1.674.10893.1.20.110.1
Description	This entry is obsolete. Use the value agentGlobalSystemStatus.
Syntax	Integer
Access	Read-only

Table 1496. Agent Last Global Status

Name	agentLastGlobalStatus
Object ID	1.3.6.1.4.1.674.10893.1.20.110.2
Description	This entry is obsolete. Use the value agentLastGlobalSystemStatus.
Syntax	Integer
Access	Read-only

Table 1497. Agent Time Stamp

Name	agentTimeStamp
Object ID	1.3.6.1.4.1.674.10893.1.20.110.3
Description	Identifies the last time that the agent values have been updated. Universal time in seconds since UTC 1/1/70.
Syntax	Integer
Access	Read-only

Table 1498. Agent Get Timeout

Name	agentGetTimeout
Object ID	1.3.6.1.4.1.674.10893.1.20.110.4
Description	Indicates the suggested timeout value in milliseconds for how long the SNMP getter should wait while attempting to poll the SNMP agent.
Syntax	Integer
Access	Read-only

Table 1499. Agent Modifiers

Name	agentModifiers
Object ID	1.3.6.1.4.1.674.10893.1.20.110.5
Description	Identifies the agent functional modifiers. When set, the modifier is active. Bit definitions: Bit 3: agent in debug mode. All other bits are product specific.
Syntax	Integer
Access	Read-only

Table 1500. Agent Refresh Rate

Name	agentRefreshRate
Object ID	1.3.6.1.4.1.674.10893.1.20.110.6
Description	Identifies the rate, given in seconds, at which the cached data for SNMP is refreshed. The default value is 300 seconds, or 5 minutes.
Syntax	Integer
Access	Read-only

Table 1501. Agent Hostname

Name	agentHostname
Object ID	1.3.6.1.4.1.674.10893.1.20.110.7
Description	This entry is obsolete for Storage Management.
Syntax	DisplayString

Access Read-only

Table 1502. Agent IP Address

Name agentIPAddress
Object ID 1.3.6.1.4.1.674.10893.1.20.110.8
Description This entry is obsolete for Storage Management.
Syntax DisplayString
Access Read-only

Table 1503. Agent Software Status

Name agentSoftwareStatus
Object ID 1.3.6.1.4.1.674.10893.1.20.110.9
Description This entry is obsolete for Storage Management.
Syntax DisplayString
Access Read-only

Table 1504. Agent SNMP Version

Name agentSnmpVersion
Object ID 1.3.6.1.4.1.674.10893.1.20.110.10
Description This entry is obsolete. Refer to 0001 softwareVersion.
Syntax DisplayString
Access Read-only

Table 1505. Agent MIB Version

Name agentMibVersion
Object ID 1.3.6.1.4.1.674.10893.1.20.110.11
Description Identifies the version of the Storage Management MIB.
Syntax DisplayString
Access Read-only

Table 1506. Agent Management Software URL Name

Name agentManagementSoftwareURLName
Object ID 1.3.6.1.4.1.674.10893.1.20.110.12
Description Identifies the Universal Resource Locator (URL) of the systems management software.
Syntax DisplayString

Access Read-only

Table 1507. Agent Global System Status


Name	agentGlobalSystemStatus
Object ID	1.3.6.1.4.1.674.10893.1.20.110.13
Description	<p>Global health information for the subsystem managed by the Storage Management software. This global status should be used by applications other than HP OpenView. HP OpenView should refer to the globalStatus in the root level object group. This is a rollup for the entire agent including any monitored devices. The status is intended to give initiative to an SNMP monitor to get further data when this status is abnormal. Possible values:</p> <ul style="list-style-type: none">1: Other2: Unknown3: OK4: Non-critical5: Critical6: Non-recoverable <p> NOTE: This global status should be used by applications other than HP OpenView. HP OpenView should refer to the globalStatus in the root level object group.</p>
Syntax	DellStatus
Access	Read-only

Table 1508. Agent Last Global System Status

Name	agentLastGlobalSystemStatus
Object ID	1.3.6.1.4.1.674.10893.1.20.110.14
Description	<p>The previous global status of the system managed by the Storage Management software. Possible values:</p> <ul style="list-style-type: none">1: Other2: Unknown3: OK4: Non-critical5: Critical6: Non-recoverable
Syntax	DellStatus
Access	Read-only

Table 1509. Agent Smart Thermal Shutdown

Name	agentSmartThermalShutdown
Object ID	1.3.6.1.4.1.674.10893.1.20.110.15

Description	Indicates the status of smart thermal shutdown for PowerVault 220S and PowerVault 221S enclosures. Possible values: 1: Enabled 2: Disabled 3: Not applicable
Syntax	Integer
Access	Read-only

Physical Devices Group

The Physical Devices MIB group provides information about the devices managed by the Storage Management software and their relationships to each other. The following MIB tables define objects and relationships (connections) among the objects.

- **Controller Table** — describes available properties for each controller on the managed system.
- **Channel Table** — describes available properties for each channel on the managed system.
- **Enclosure Table** — describes available properties for each enclosure on the managed system.
- **Array Disk Table** — describes available properties for each physical array disk on the managed system.
- **Array Disk Enclosure Connection Table** — describes the connections between Fibre Channel array disks, their enclosure, and their associated controller. For each object in the table, its *object number* corresponds to an instance number in the appropriate MIB table for that object where all of the object properties can be found.
- **Array Disk Channel Connection Table** — describes the connections between SCSI array disks, their channel, and their associated controller. For each object in the table, its *object number* corresponds to an instance number in the appropriate MIB table for that object where all of the object properties can be found.
- **Fan Table** — describes available properties for each fan on the managed system.
- **Fan Connection Table** — describes the connection between each fan on the managed system and its enclosure. Each *enclosure number* in the table corresponds to that enclosure instance in the Enclosure Table.
- **Power Supply Table** — describes available properties for each power supply on the managed system.
- **Power Supply Connection Table** — describes the connection between each power supply on the managed system and its enclosure. Each *enclosure number* in the table corresponds to that enclosure instance in the Enclosure Table.
- **Temperature Probe Table** — describes available properties for each temperature probe on the managed system.
- **Temperature Probe Connection Table** — describes the connection between each temperature probe on the managed system and its enclosure. Each *enclosure number* in the table corresponds to that enclosure instance in the Enclosure Table.
- **EMM Table** — describes available properties for each Enclosure Management Module (EMM) on the managed system.
- **EMM Connection Table** — describes the connection between each EMM on the managed system and its enclosure. Each *enclosure number* in the table corresponds to that enclosure instance in the Enclosure Table.
- **Battery Table** — describes available properties for each controller battery on the managed system.
- **Battery Connection Table** — describes the connection between each battery on the managed system and its controller. Each *controller number* in the table corresponds to that controller instance in the Controller Table.

Controller Table

This table describes available properties for each controller on the managed system.

The following object sets up the Controller Table.

Table 1510. Controller Table

Name	<code>controllerTable</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.130.1
Description	Defines the controller table, which is a table of managed Redundant Array of Independent disks (RAID) controllers. The number of entries is related to the number of RAID controllers discovered in the system.
Syntax	SEQUENCE OF ControllerEntry
Access	Not accessible

Table 1511. Controller Entry

Name	<code>controllerEntry</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.130.1.1
Description	Defines the controller table entry, which is an entry in the table of RAID controllers. A row in this table cannot be created or deleted by SNMP operations on columns of the table.
Syntax	ControllerEntry
Access	Not accessible
Index	<code>controllerNumber</code>

Table 1512. Controller Number

Name	<code>controllerNumber</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.130.1.1.1
Description	Identifies the instance number of the controller entry.
Syntax	Integer
Access	Read-only

Table 1513. Controller Name

Name	<code>controllerName</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.130.1.1.2
Description	Identifies the name of the controller in this subsystem as represented in Storage Management. Includes the controller type and instance. For example: PERC 3/QC 1.
Syntax	DisplayString
Access	Read-only

Table 1514. Controller Vendor

Name	<code>controllerVendor</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.130.1.1.3
Description	Identifies the controller's (re)seller's name.
Syntax	DisplayString
Access	Read-only

Table 1515. Controller Type

Name	<code>controllerType</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.130.1.1.4
Description	Identifies the type of this controller: 1: SCSI 2: PowerVault 660F 3: Power Vault 662F 4: Integrated/Intelligent Drive Electronics (IDE) 5: Serial Advanced Technology Architecture (SATA) 6: Serial Attached SCSI (SAS) 9: PCIe SSD
Syntax	Integer
Access	Read-only

Table 1516. Controller State

Name	<code>controllerState</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.130.1.1.5
Description	Identifies the status of the controller's subsystem (which includes any devices connected to it). Possible states: 0: Unknown 1: Ready 2: Failed 3: Online 4: Offline 6: Degraded
Syntax	Integer
Access	Read-only

Table 1517. Controller Severity

Name	<code>controllerSeverity</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.130.1.1.6

Description	This entry is obsolete for Storage Management. It was replaced with RollUpStatus and ComponentStatus for each device.
Syntax	Integer
Access	Read-only
Name	<code>controllerRebuildRateInPercent</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.130.1.1.7
Description	Identifies the percent of the compute cycles dedicated to rebuilding failed array disks.
Syntax	Integer
Access	Read-only

Table 1518. Controller Firmware Version

Name	<code>controllerFWVersion</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.130.1.1.8
Description	Identifies the controller's current firmware version.
Syntax	DisplayString
Access	Read-only

Table 1519. Controller Cache Size in Megabytes

Name	<code>controllerCacheSizeInMB</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.130.1.1.9
Description	Identifies the controller's current amount of cache memory in megabytes. If this size is 0, it is less than a megabyte.
Syntax	Integer
Access	Read-only

Table 1520. Controller Cache Size in Bytes

Name	<code>controllerCacheSizeInBytes</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.130.1.1.10
Description	Identifies the controller's current amount of cache memory that is less than a megabyte. This combined with the <code>controllerCacheSizeInMB</code> is the total amount of memory.
Syntax	Integer
Access	Read-only

Table 1521. Controller Physical Device Count

Name	<code>controllerPhysicalDeviceCount</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.130.1.1.11
Description	Identifies the number of physical devices on the controller channel including both disks and the controller.
Syntax	Integer
Access	Read-only

Table 1522. Controller Logical Device Count

Name	<code>controllerLogicalDeviceCount</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.130.1.1.12
Description	Identifies the number of virtual disks on the controller.
Syntax	Integer
Access	Read-only

Table 1523. Controller Partner Status

Name	<code>controllerPartnerStatus</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.130.1.1.13
Description	This entry is obsolete for Storage Management.
Syntax	DisplayString
Access	Read-only

Table 1524. Controller Host Port Count

Name	<code>controllerHostPortCount</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.130.1.1.14
Description	This entry is obsolete. Fibre channel is not supported in Storage Management.
Syntax	Integer
Access	Read-only

Table 1525. Controller Memory Size in Megabytes

Name	<code>controllerMemorySizeInMB</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.130.1.1.15
Description	Identifies the size of memory in megabytes on the controller. If this size is 0, it is less than a megabyte. This attribute is only supported on Adaptec controllers.
Syntax	Integer
Access	Read-only

Table 1526. Controller Memory Size in Bytes

Name	<code>controllerMemorySizeInBytes</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.130.1.1.16
Description	Identifies the size of memory on the controller that is less than a megabyte. This combined with the <code>controllerMemorySizeInMB</code> is the total size of the memory. This attribute is only supported on Adaptec controllers.
Syntax	Integer
Access	Read-only

Table 1527. Controller Drive Channel Count

Name	<code>controllerDriveChannelCount</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.130.1.1.17
Description	This entry is obsolete. Fibre channel is not supported in Storage Management.
Syntax	Integer
Access	Read-only

Table 1528. Controller Fault Tolerant

Name	<code>controllerFaultTolerant</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.130.1.1.18
Description	This entry is obsolete. Fibre channel is not supported in Storage Management.
Syntax	Integer
Access	Read-only

Table 1529. Controller C0 Port 0 World Wide Name

Name	<code>controllerC0Port0WorldWideName</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.130.1.1.19
Description	This entry is obsolete. Fibre channel is not supported in Storage Management.
Syntax	DisplayString
Access	Read-only

Table 1530. Controller C0 Port 0 Name

Name	<code>controllerC0Port0Name</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.130.1.1.20
Description	This entry is obsolete. Fibre channel is not supported in Storage Management.
Syntax	DisplayString
Access	Read-only

Table 1531. Controller C0 Port 0 ID

Name	<code>controllerC0Port0ID</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.130.1.1.21
Description	This entry is obsolete. Fibre channel is not supported in Storage Management.
Syntax	Integer
Access	Read-only

Table 1532. Controller C0 Target

Name	<code>controllerC0Target</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.130.1.1.22
Description	This entry is obsolete. Fibre channel is not supported in Storage Management.
Syntax	Integer
Access	Read-only

Table 1533. Controller C0 Channel

Name	<code>controllerC0Channel</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.130.1.1.23
Description	This entry is obsolete. Fibre channel is not supported in Storage Management.
Syntax	Integer
Access	Read-only

Table 1534. Controller C0 Operating System Controller

Name	<code>controllerC0OSController</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.130.1.1.24
Description	This entry is obsolete. Fibre channel is not supported in Storage Management.
Syntax	DisplayString
Access	Read-only

Table 1535. Controller C0 Battery State

Name	<code>controllerC0BatteryState</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.130.1.1.25
Description	This entry is obsolete. Fibre channel is not supported in Storage Management.
Syntax	Integer
Access	Read-only

Table 1536. Controller C1 Port 0 World Wide Name

Name	<code>controllerC1Port0WWN</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.130.1.1.26
Description	This entry is obsolete. Fibre channel is not supported in Storage Management.
Syntax	DisplayString
Access	Read-only

Table 1537. Controller C1 Port 0 Name

Name	<code>controllerC1Port0Name</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.130.1.1.27
Description	This entry is obsolete. Fibre channel is not supported in Storage Management.
Syntax	DisplayString
Access	Read-only

Table 1538. Controller C1 Port 0 ID

Name	<code>controllerC1Port0ID</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.130.1.1.28
Description	This entry is obsolete. Fibre channel is not supported in Storage Management.
Syntax	Integer
Access	Read-only

Table 1539. Controller C1 Target

Name	<code>controllerC1Target</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.130.1.1.29
Description	This entry is obsolete. Fibre channel is not supported in Storage Management.
Syntax	Integer
Access	Read-only

Table 1540. Controller C1 Channel

Name	<code>controllerC1Channel</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.130.1.1.30
Description	This entry is obsolete. Fibre channel is not supported in Storage Management.
Syntax	Integer
Access	Read-only

Table 1541. Controller C1 Operating System Controller

Name	<code>controllerC1OSController</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.130.1.1.31
Description	This entry is obsolete. Fibre channel is not supported in Storage Management.
Syntax	DisplayString
Access	Read-only

Table 1542. Controller Battery State C1

Name	<code>controllerC1BatteryState</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.130.1.1.32
Description	This entry is obsolete. Fibre channel is not supported in Storage Management.
Syntax	Integer
Access	Read-only

Table 1543. Controller Node World Wide Name

Name	<code>controllerNodeWWN</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.130.1.1.33
Description	This entry is obsolete. Fibre channel is not supported in Storage Management.
Syntax	DisplayString
Access	Read-only

Table 1544. Controller C0 Port 1 World Wide Name

Name	<code>controllerC0Port1WWN</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.130.1.1.34
Description	This entry is obsolete. Fibre channel is not supported in Storage Management.
Syntax	DisplayString
Access	Read-only

Table 1545. Controller C1 Port 1 World Wide Name

Name	<code>controllerC1Port1WWN</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.130.1.1.35
Description	This entry is obsolete. Fibre channel is not supported in Storage Management.
Syntax	DisplayString
Access	Read-only

Table 1546. Controller Battery Charge Count

Name	<code>controllerBatteryChargeCount</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.130.1.1.36
Description	This entry is obsolete. Fibre channel is not supported in Storage Management.
Syntax	Integer
Access	Read-only

Table 1547. Controller Roll-Up Status

Name	<code>controllerRollUpStatus</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.130.1.1.37
Description	Indicates severity of the controller state. This is the combined status of the controller and its components. Possible values: 1: Other 2: Unknown 3: OK 4: Non-critical 5: Critical 6: Non-recoverable
Syntax	DellStatus
Access	Read-only

Table 1548. Controller Component Status

Name	<code>controllerComponentStatus</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.130.1.1.38
Description	Indicates the status of the controller itself without the propagation of any contained component status. Possible values: 1: Other 2: Unknown 3: OK 4: Non-critical 5: Critical 6: Non-recoverable
Syntax	DellStatus
Access	Read-only

Table 1549. Controller Nexus ID

Name	<code>controllerNexusID</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.130.1.1.39

Description	Durable unique ID for this controller.
Syntax	DisplayString
Access	Read-only

Table 1550. Controller Alarm State

Name	<code>controllerAlarmState</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.130.1.1.40
Description	Indicates state, or setting for the controller's alarm. Possible values: 1: Enabled 2: Disabled 3: Not Applicable
Syntax	Integer
Access	Read-only

Table 1551. Controller Driver Version

Name	<code>controllerDriverVersion</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.130.1.1.41
Description	Indicates currently installed driver version of the controller
Syntax	DisplayString
Access	Read-only

Table 1552. Controller PCI Slot

Name	<code>controllerPCISlot</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.130.1.1.42
Description	Indicates the PCI slot number or embedded number for controllers on the motherboard
Syntax	DisplayString
Access	Read-only

Table 1553. Controller Cluster Mode

Name	<code>controllerClusterMode</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.130.1.1.43
Description	Identifies if the controller is in cluster mode. Possible values: 1: Enabled 2: Disabled 3: Active (enabled and active)

	99: Not Applicable
Syntax	Integer
Access	Read-only

Table 1554. Controller Minimum Firmware Version

Name	<code>controllerMinFWVersion</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.130.1.1.44
Description	The minimum firmware version for Storage Management to support the controller.
Syntax	DisplayString
Access	Read-only

Table 1555. Controller Minimum Driver Version

Name	<code>controllerMinDriverVersion</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.130.1.1.45
Description	The minimum driver version for Storage Management to support the controller.
Syntax	DisplayString
Access	Read-write

Table 1556. Controller SCSI Initiator ID

Name	<code>controllerSCSIInitiatorID</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.130.1.1.46
Description	The SCSI ID of the initiator.
Syntax	Integer
Access	Read-only

Table 1557. Controller Channel Count

Name	<code>controllerChannelCount</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.130.1.1.47
Description	The number of channels on the controller.
Syntax	Integer
Access	Read-only

Table 1558. Controller Reconstruct Rate

Name	<code>controllerReconstructRate</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.130.1.1.48
Description	The rate for reconstruct on the controller.

Syntax	Integer
Access	Read-write

Table 1559. Controller Patrol Read Rate

Name	controllerPatrolReadRate
Object ID	1.3.6.1.4.1.674.10893.1.20.130.1.1.49
Description	The rate for patrol read on the controller.
Syntax	Integer
Access	Read-only

Table 1560. Controller BGI Rate

Name	controllerBGIRate
Object ID	1.3.6.1.4.1.674.10893.1.20.130.1.1.50
Description	The rate for background initialization on the controller.
Syntax	Integer
Access	Read-only

Table 1561. Controller Check Consistency Rate

Name	controllerCheckConsistencyRate
Object ID	1.3.6.1.4.1.674.10893.1.20.130.1.1.51
Description	The rate for check consistency on the controller.
Syntax	Integer
Access	Read-only

Table 1562. Controller Patrol Read Mode

Name	controllerPatrolReadMode
Object ID	1.3.6.1.4.1.674.10893.1.20.130.1.1.52
Description	Identifies the patrol read mode. Possible values: 1: Automatic (enabled) 2: Manual (enabled) 3: Disabled
Syntax	Integer
Access	Read-only

Table 1563. Controller Patrol Read State

Name	controllerPatrolReadState
Object ID	1.3.6.1.4.1.674.10893.1.20.130.1.1.53
Description	The state of the patrol read. Possible values:

- 1: Stopped - not running
- 2: Ready - ready to start
- 4: Active - is running
- 8: Aborted - has aborted

Syntax	Integer
Access	Read-only

Table 1564. Controller Patrol Read Iterations

Name	<code>controllerPatrolReadIterations</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.130.1.1.54
Description	The number of times Patrol Read has been run on this controller.
Syntax	Integer
Access	Read-only

Table 1565. Controller Storport Driver Version

Name	<code>controllerStorportDriverVersion</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.130.1.1.55
Description	Provides current Windows OS storport driver version. Not applicable for Linux.
Syntax	Octet String
Access	Read-only

Table 1566. Controller Minimum Required Storport Version

Name	<code>controllerMinimumRequiredStorportVersion</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.130.1.1.56
Description	Provides minimum required storport driver version for Windows OS only.
Syntax	Octet String
Access	Read-only

Table 1567. Controller Encryption Capable

Name	<code>controllerEncryptionCapable</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.130.1.1.57
Description	Indicates encryption capability of the controller. Value: 1 - Capable, 99 - Not Applicable
Syntax	Integer
Access	Read-only

Name	<code>controllerEncryptionKeyPresent</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.130.1.1.58
Description	Indicates presence of encryption key for the controller. Value: 1 - Yes, 0 - No, 99 - Not Applicable
Syntax	Integer
Access	Read-only

Table 1568. Controller Persistent Hot Spare

Name	<code>controllerPersistentHotSpare</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.130.1.1.59
Description	Indicates Persistent Hot Spare capability of the controller. Value: 1 - Enabled, 0 - Disabled, 99 - Undetermined /Not applicable
Syntax	Integer
Access	Read-only

Table 1569. Controller Spin Down Unconfigured Drives

Name	<code>controllerSpinDownUnconfiguredDrives</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.130.1.1.60
Description	Indicates controller capability to put unconfigured drives in power save mode. Value: 1 - Enabled, 0 - Disabled, 99 - Undetermined /Not applicable
Syntax	Integer
Access	Read-only

Table 1570. Controller Spin Down Hot Spare Drives

Name	<code>controllerSpinDownHotSpareDrives</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.130.1.1.61
Description	Indicates controller capability to put hot spare drives in power save mode. Value: 1 - Enabled, 0 - Disabled, 99 - Undetermined /Not applicable
Syntax	Integer
Access	Read-only

Table 1571. Controller Spin Down Time Interval

Name	<code>controllerSpinDownTimeInterval</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.130.1.1.62
Description	Shows the duration in minutes after which, the unconfigured or hot spare drives is spun down to power save mode. Value: 30 to 1440



NOTE: A value of 9999 indicates that the feature is not available.

Syntax	Integer
Access	Read-write

Table 1572. Controller Encryption Mode

Name	controllerEncryptionMode
Object ID	1.3.6.1.4.1.674.10893.1.20.130.1.1.63
Description	Indicates the current encryption mode of the controller. Value: 0 - No Encryption, 1 - Local Key Management (LKM), 2 - Dell Key Management (DKM), 99 - Not Applicable
Syntax	Integer
Access	Read-only

Table 1573. Controller CacheCade

Name	controllerCacheCade
Object ID	1.3.6.1.4.1.674.10893.1.20.130.1.1.64
Description	Indicates if the controller is CacheCade capable or not. Value: 1 - Capable, 0 - Not Capable, 99 - Undetermined
Syntax	Integer
Access	Read-only

Table 1574. Controller Spin Down Configured Drives

Name	controllerSpinDownConfiguredDrives
Object ID	1.3.6.1.4.1.674.10893.1.20.130.1.1.65
Description	Indicates controller capability to spin down configured physical disks. Value: 0 - Disabled, 1 - Enabled, 99 - Undetermined
Syntax	Integer
Access	Read-only

Table 1575. Controller Automatic Power Saving

Name	controllerAutomaticPowerSaving
Object ID	1.3.6.1.4.1.674.10893.1.20.130.1.1.66
Description	Indicates controller capability for automatic power saving. Value: 0 - Disabled, 1 - Enabled, 99 - Undetermined
Syntax	Integer
Access	Read-only

Table 1576. Controller Configured Drives SpinUp Time

Name	controllerConfiguredDrivesSpinUpTime
Object ID	1.3.6.1.4.1.674.10893.1.20.130.1.1.67
Description	Indicates configured drives spin up start time. Value: 1:00 AM to 12:59 PM, 9999 - Undetermined
Syntax	DisplayString
Access	Read-only

Table 1577. Controller Configured Drives SpinUp TimeInterval

Name	controllerConfiguredDrivesSpinUpTimeInterval
Object ID	1.3.6.1.4.1.674.10893.1.20.130.1.1.68
Description	Indicates configured drives spin up time interval in hours. This value is added with configured drives start time to arrive at time window in which configured drives are always spin up. Value: 1 .. 24, 9999 - Undetermined
Syntax	Integer
Access	Read-only

Table 1578. Controller Preserved Cache

Name	controllerPreservedCache
Object ID	1.3.6.1.4.1.674.10893.1.20.130.1.1.69
Description	Indicates if preserved cache is present on the controller. Values: 1- Yes 0 - No 99 - Not available / Not applicable
Syntax	Integer
Access	Read-only

Channel Table

This table describes available properties for each channel on the managed system.

The following object sets up the Channel Table.

Table 1579. Channel Table

Name	channelTable
Object ID	1.3.6.1.4.1.674.10893.1.20.130.2
Description	Defines the channel table.
Syntax	SEQUENCE OF ChannelEntry

Access Not accessible

Table 1580. Channel Entry

Name channelEntry
Object ID 1.3.6.1.4.1.674.10893.1.20.130.2.1
Description Defines the channel table entry.
Syntax ChannelEntry
Access Not accessible
Index channelNumber

Table 1581. Channel Number

Name channelNumber
Object ID 1.3.6.1.4.1.674.10893.1.20.130.2.1.1
Description Identifies the instance number of the channel entry.
Syntax Integer
Access Read-only

Table 1582. Channel Name

Name channelName
Object ID 1.3.6.1.4.1.674.10893.1.20.130.2.1.2
Description Identifies the name of the channel as represented in Storage Management. The name includes the word channel and the instance. For example: Channel 1.
Syntax DisplayString
Access Read-only

Table 1583. Channel State

Name channelState
Object ID 1.3.6.1.4.1.674.10893.1.20.130.2.1.3
Description Identifies the current state of this channel.
Possible states:
0: Unknown
1: Ready - The I/O has resumed.
2: Failed
3: Online
4: Offline - The I/O has paused.
6: Degraded
Syntax Integer

Access Read-only

Table 1584. Channel Severity

Name channelSeverity
Object ID 1.3.6.1.4.1.674.10893.1.20.130.2.1.4
Description This entry is obsolete for Storage Management. It was replaced with RollUpStatus and ComponentStatus for each device.
Syntax Integer
Access Read-only

Table 1585. Channel Termination

Name channelTermination
Object ID 1.3.6.1.4.1.674.10893.1.20.130.2.1.5
Description Identifies the type of SCSI termination on this channel. Termination is required for proper operation of this channel.
Possible values:
1: Wide Termination (16 bit)
2: Narrow Termination (8 bit)
3: Not Terminated
Syntax Integer
Access Read-only

Table 1586. Channel SCSI ID

Name channelSCSIID
Object ID 1.3.6.1.4.1.674.10893.1.20.130.2.1.6
Description Identifies the SCSI ID of the controller to which the channel belongs.
Syntax Integer
Access Read-only

Table 1587. Channel Roll-Up Status

Name channelRollUpStatus
Object ID 1.3.6.1.4.1.674.10893.1.20.130.2.1.7
Description Identifies the severity of the channel state. This is the combined status of the channel and its components.
Possible values:
1: Other
2: Unknown
3: OK
4: Non-critical

	5: Critical 6: Non-recoverable
Syntax	DellStatus
Access	Read-only

Table 1588. Channel Component Status

Name	channelComponentStatus
Object ID	1.3.6.1.4.1.674.10893.1.20.130.2.1.8
Description	The status of the channel itself without the propagation of any contained component status. Possible values: 1: Other 2: Unknown 3: OK 4: Non-critical 5: Critical 6: Non-recoverable
Syntax	DellStatus
Access	Read-only

Table 1589. Channel Nexus ID

Name	channelNexusID
Object ID	1.3.6.1.4.1.674.10893.1.20.130.2.1.9
Description	Durable unique ID for this channel.
Syntax	DisplayString
Access	Read-only

Table 1590. Channel Data Rate

Name	channelDataRate
Object ID	1.3.6.1.4.1.674.10893.1.20.130.2.1.10
Description	Identifies the data rate of this channel.
Syntax	DisplayString
Access	Read-only

Table 1591. Channel Bus Type

Name	channelBusType
Object ID	1.3.6.1.4.1.674.10893.1.20.130.2.1.11
Description	The bus type of the channel.

Possible values:
 1: SCSI
 2: IDE
 3: Fibre Channel
 4: Serial Storage Architecture (SSA)
 6: Universal Serial Bus (USB)
 7: SATA
 8: SAS
 9: PCIe

Syntax Integer
Access Read-only

Enclosure Table

This table describes available properties for each enclosure on the managed system.

The following object sets up the Enclosure Table.

Table 1592. Enclosure Table

Name	enclosureTable
Object ID	1.3.6.1.4.1.674.10893.1.20.130.3
Description	Defines the enclosure table.
Syntax	SEQUENCE OF EnclosureEntry
Access	Not accessible

Table 1593. Enclosure Entry

Name	enclosureEntry
Object ID	1.3.6.1.4.1.674.10893.1.20.130.3.1
Description	Defines the enclosure table entry.
Syntax	EnclosureEntry
Access	Not accessible
Index	enclosureNumber

Table 1594. Enclosure Number

Name	enclosureNumber
Object ID	1.3.6.1.4.1.674.10893.1.20.130.3.1.1
Description	Identifies the instance number of the enclosure entry.
Syntax	Integer
Access	Read-only

Table 1595. Enclosure Name

Name	enclosureName
Object ID	1.3.6.1.4.1.674.10893.1.20.130.3.1.2
Description	Identifies the enclosure's name as represented in Storage Management.
Syntax	DisplayString
Access	Read-only

Table 1596. Enclosure Vendor

Name	enclosureVendor
Object ID	1.3.6.1.4.1.674.10893.1.20.130.3.1.3
Description	Identifies the enclosure's (re)seller's name.
Syntax	DisplayString
Access	Read-only

Table 1597. Enclosure State

Name	enclosureState
Object ID	1.3.6.1.4.1.674.10893.1.20.130.3.1.4
Description	The current condition of the enclosure (which includes any devices connected to it.) Possible values: 0: Unknown 1: Ready 2: Failed 3: Online 4: Offline 6: Degraded
Syntax	Integer
Access	Read-only

Table 1598. Enclosure Severity

Name	enclosureSeverity
Object ID	1.3.6.1.4.1.674.10893.1.20.130.3.1.5
Description	This entry is obsolete for Storage Management. It was replaced with RollUpStatus and ComponentStatus for each device.
Syntax	Integer
Access	Read-only

Table 1599. Enclosure ID

Name	<code>enclosureID</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.130.3.1.6
Description	Represents unique id for an enclosure.
Syntax	DisplayString
Access	Read-only

Table 1600. Enclosure Processor Version

Name	<code>enclosureProcessorVersion</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.130.3.1.7
Description	This entry is obsolete for Storage Management.
Syntax	DisplayString
Access	Read-only

Table 1601. Enclosure Service Tag

Name	<code>enclosureServiceTag</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.130.3.1.8
Description	The enclosure identification used when consulting customer support.
Syntax	DisplayString
Access	Read-only

Table 1602. Enclosure Asset Tag

Name	<code>enclosureAssetTag</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.130.3.1.9
Description	Customer definable asset tag for the enclosure.
Syntax	DisplayString
Access	Read-only

Table 1603. Enclosure Asset Name

Name	<code>enclosureAssetName</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.130.3.1.10
Description	Customer definable asset name of the enclosure.
Syntax	DisplayString
Access	Read-only

Table 1604. Enclosure Split Bus Part Number

Name	<code>enclosureSplitBusPartNumber</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.130.3.1.11
Description	Identifies the enclosure's split bus part number.
Syntax	DisplayString
Access	Read-only

Table 1605. Enclosure Product ID

Name	<code>enclosureProductID</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.130.3.1.12
Description	Identifies the enclosure's product identification. This also corresponds to the enclosure type.
Syntax	DisplayString
Access	Read-only

Table 1606. Enclosure Kernel Version

Name	<code>enclosureKernelVersion</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.130.3.1.13
Description	This entry is obsolete for Storage Management.
Syntax	DisplayString
Access	Read-only

Table 1607. Enclosure ESM1 Part Number

Name	<code>enclosureESM1PartNumber</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.130.3.1.14
Description	This entry is obsolete for Storage Management.
Syntax	DisplayString
Access	Read-only

Table 1608. Enclosure ESM2 Part Number

Name	<code>enclosureESM2PartNumber</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.130.3.1.15
Description	This entry is obsolete for Storage Management.
Syntax	DisplayString
Access	Read-only

Table 1609. Enclosure Type

Name	enclosureType
Object ID	1.3.6.1.4.1.674.10893.1.20.130.3.1.16
Description	Indicates the type of the enclosure. Possible values: 1: Internal 2: Dell PowerVault 200S (PowerVault 201S) 3: Dell PowerVault 210S (PowerVault 211S) 4: Dell PowerVault 220S (PowerVault 221S) 5: Dell PowerVault 660F 6: Dell PowerVault 224F 7: Dell PowerVault 660F/PowerVault 224F 8: Dell MD1000 9: Dell MD1120
Syntax	DisplayString
Access	Read-only

Table 1610. Enclosure Processor2 Version

Name	enclosureProcessor2Version
Object ID	1.3.6.1.4.1.674.10893.1.20.130.3.1.17
Description	This entry is obsolete for Storage Management.
Syntax	DisplayString
Access	Read-only

Table 1611. Enclosure Configuration

Name	enclosureConfig
Object ID	1.3.6.1.4.1.674.10893.1.20.130.3.1.18
Description	Identifies the current configuration of the enclosure's backplane. Possible values: 1: Joined 2: Split Bus 3: Clustered 4: Unified
Syntax	Integer
Access	Read-only

Table 1612. Enclosure Channel Number

Name	enclosureChannelNumber
Object ID	1.3.6.1.4.1.674.10893.1.20.130.3.1.19
Description	Identifies the channel number, or bus, to which the enclosure is connected.

Syntax	Integer
Access	Read-only

Table 1613. Enclosure Alarm

Name	enclosureAlarm
Object ID	1.3.6.1.4.1.674.10893.1.20.130.3.1.20
Description	Identifies the current status of the enclosure's alarm (PowerVault 220S and PowerVault 221S only.) Possible values: 1: Disabled 2: Enabled
Syntax	Integer
Access	Read-only

Table 1614. Enclosure Backplane Part Number

Name	enclosureBackplanePartNumber
Object ID	1.3.6.1.4.1.674.10893.1.20.130.3.1.21
Description	Identifies the part number of the enclosure's backplane.
Syntax	Integer
Access	Read-only

Table 1615. Enclosure SCSI ID

Name	enclosureSCSIID
Object ID	1.3.6.1.4.1.674.10893.1.20.130.3.1.22
Description	Identifies the SCSI ID of the controller to which this enclosure is attached.
Syntax	Integer
Access	Read-only

Table 1616. Enclosure Roll-Up Status

Name	enclosureRollUpStatus
Object ID	1.3.6.1.4.1.674.10893.1.20.130.3.1.23
Description	Identifies the severity of the enclosure state. This is the combined status of the enclosure and its components. Possible values: 1: Other 2: Unknown 3: OK 4: Non-critical 5: Critical

	6: Non-recoverable
Syntax	DellStatus
Access	Read-only

Table 1617. Enclosure Component Status

Name	enclosureComponentStatus
Object ID	1.3.6.1.4.1.674.10893.1.20.130.3.1.24
Description	The status of the enclosure itself without the propagation of any contained component status. Possible values: 1: Other 2: Unknown 3: OK 4: Non-critical 5: Critical 6: Non-recoverable
Syntax	DellStatus
Access	Read-only

Table 1618. Enclosure Nexus ID

Name	enclosureNexusID
Object ID	1.3.6.1.4.1.674.10893.1.20.130.3.1.25
Description	Durable unique ID for this enclosure.
Syntax	Integer
Access	Read-only

Table 1619. Enclosure FirmWare Version

Name	enclosureFirmwareVersion
Object ID	1.3.6.1.4.1.674.10893.1.20.130.3.1.26
Description	The firmware version of the enclosure.
Syntax	DisplayString
Access	Read-only

Table 1620. Enclosure SCSI Rate

Name	enclosureSCSIRate
Object ID	1.3.6.1.4.1.674.10893.1.20.130.3.1.27
Description	Actual SCSI rate in the enclosure.
Syntax	DisplayString

Access Read-only

Table 1621. Enclosure Part Number

Name enclosurePartNumber
Object ID 1.3.6.1.4.1.674.10893.1.20.130.3.1.28
Description The part number of the enclosure.
Syntax DisplayString
Access Read-only

Table 1622. Enclosure Serial Number

Name enclosureSerialNumber
Object ID 1.3.6.1.4.1.674.10893.1.20.130.3.1.29
Description Serial number of the enclosure.
Syntax DisplayString
Access Read-only

Table 1623. Enclosure SAS Address

Name enclosureSASAddress
Object ID 1.3.6.1.4.1.674.10893.1.20.130.3.1.30
Description The specified SAS address if this is a SAS enclosure.
Syntax DisplayString
Access Read-only

Table 1624. Enclosure Occupied Slot Count



Name enclosureOccupiedSlotCount
Object ID 1.3.6.1.4.1.674.10893.1.20.130.3.1.31
Description Shows the number of physical disk slots occupied in a storage enclosure.
 **NOTE:** A value of 9999 indicates that the feature is not available.
Syntax Integer
Access Read-only

Table 1625. Enclosure Total Slots


Name enclosureTotalSlots
Object ID 1.3.6.1.4.1.674.10893.1.20.130.3.1.32
Description Shows the total number of physical slots in a storage enclosure; it includes total count of occupied and empty slots.

 **NOTE:** A value of 9999 indicates that the feature is not available.

Syntax	Integer
Access	Read-only

Table 1626. Enclosure Empty Slot Count

Name	<code>enclosureEmptySlotCount</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.130.3.1.33
Description	Shows the number of empty physical disk slots in a storage enclosure.

 **NOTE:** A value of 9999 indicates that the feature is not available

Syntax	Integer
Access	Read-only

Array Disk Table

This table describes available properties for each physical array disk on the managed system.

The following object sets up the Array Disk Table.

Table 1627. Array Disk Table

Name	<code>arrayDiskTable</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.130.4
Description	Defines the array disk table.
Syntax	SEQUENCE OF ArrayDiskEntry
Access	Not accessible

Table 1628. Array Disk Entry

Name	<code>arrayDiskEntry</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.130.4.1
Description	Defines the array disk table entry.
Syntax	ArrayDiskEntry
Access	Not accessible
Index	<code>arrayDiskNumber</code>

Table 1629. Array Disk Number

Name	<code>arrayDiskNumber</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.130.4.1.1
Description	Identifies the instance number of the array disk entry.
Syntax	Integer

Access Read-only

Table 1630. Array Disk Name

Name arrayDiskName
Object ID 1.3.6.1.4.1.674.10893.1.20.130.4.1.2
Description Identifies the name of the array disk as represented in Storage Management.
Syntax DisplayString
Access Read-only

Table 1631. Array Disk Vendor

Name arrayDiskVendor
Object ID 1.3.6.1.4.1.674.10893.1.20.130.4.1.3
Description The array disk's manufacturer's name.
Syntax DisplayString
Access Read-only

Table 1632. Array Disk State

Name arrayDiskState
Object ID 1.3.6.1.4.1.674.10893.1.20.130.4.1.4
Description Identifies the current state of the array disk.
Possible states:
0: Unknown
1: Ready - Available for use, but no RAID configuration has been assigned.
2: Failed - Not operational.
3: Online - Operational. RAID configuration has been assigned.
4: Offline - The drive is not available to the RAID controller.
6: Degraded - Refers to a fault-tolerant array/virtual disk that has a failed disk.
7: Recovering - Refers to state of recovering from bad blocks on disks.
11: Removed - Indicates that array disk has been removed.
13: Non-RAID - Indicates that array disk is not a RAID capable disk.
14: Not Ready - Applicable for PCIeSSD devices indicating that the device is in locked state.
15: Resynching - Indicates one of the following types of disk operations: Transform Type, Reconfiguration, and Check Consistency.
22: Replacing - Indicates copyback operation is in progress.
24: Rebuild
25: No Media - CD-ROM or removable disk has no media.
26: Formatting - In the process of formatting.
28: Diagnostics - Diagnostics are running.
34: Predictive Failure
35: Initializing: Applies only to virtual disks on PERC, PERC 2/SC, and PERC 2/DC controllers.

39: Foreign
 40: Clear
 41: Unsupported
 53: Incompatible
 56: Read Only - Applicable for PCIeSSD devices. Indicates that device has reached read-only state.

Syntax Integer
Access Read-only

Table 1633. Array Disk Severity

Name `arrayDiskSeverity`
Object ID 1.3.6.1.4.1.674.10893.1.20.130.4.1.5
Description This entry is obsolete for Storage Management. It was replaced with RollUpStatus and ComponentStatus for each device.
Syntax Integer
Access Read-only

Table 1634. Array Disk Product ID

Name `arrayDiskProductID`
Object ID 1.3.6.1.4.1.674.10893.1.20.130.4.1.6
Description Identifies the model number of the array disk.
Syntax DisplayString
Access Read-only

Table 1635. Array Disk Serial Number

Name `arrayDiskSerialNo`
Object ID 1.3.6.1.4.1.674.10893.1.20.130.4.1.7
Description Identifies the array disk's unique identification number from the manufacturer.
Syntax DisplayString
Access Read-only

Table 1636. Array Disk Revision

Name `arrayDiskRevision`
Object ID 1.3.6.1.4.1.674.10893.1.20.130.4.1.8
Description Identifies the firmware version of the array disk.
Syntax DisplayString
Access Read-only

Table 1637. Array Disk Enclosure ID

Name	arrayDiskEnclosureID
Object ID	1.3.6.1.4.1.674.10893.1.20.130.4.1.9
Description	Identifies the SCSI ID of the enclosure processor to which this array disk belongs.
Syntax	DisplayString
Access	Read-only

Table 1638. Array Disk Channel

Name	arrayDiskChannel
Object ID	1.3.6.1.4.1.674.10893.1.20.130.4.1.10 y
Description	Identifies the bus to which this array disk is connected.
Syntax	Integer Read-onl
Access	

Table 1639. Array Disk Length in Megabytes

Name	arrayDiskLengthInMB
Object ID	1.3.6.1.4.1.674.10893.1.20.130.4.1.11
Description	Identifies the size in megabytes of the array disk. If this size is 0, it is smaller than a megabyte.
Syntax	Integer
Access	Read-only

Table 1640. Array Disk Length in Bytes

Name	arrayDiskLengthInBytes
Object ID	1.3.6.1.4.1.674.10893.1.20.130.4.1.12
Description	Identifies the size of the array disk in bytes that is less than a megabyte. This size plus the arrayDiskLengthInMB is the total size of the array disk.
Syntax	Integer
Access	Read-only

Table 1641. Array Disk Largest Contiguous Free Space in Megabytes

Name	arrayDiskLargestContiguousFreeSpaceInMB
Object ID	1.3.6.1.4.1.674.10893.1.20.130.4.1.13
Description	The size in megabytes of the largest contiguous free space on the array disk. If this size is 0, it is less than a megabyte.
Syntax	Integer

Access Read-only

Table 1642. Array Disk Largest Contiguous Free Space in Bytes

Name	arrayDiskLargestContiguousFreeSpaceInBytes
Object ID	1.3.6.1.4.1.674.10893.1.20.130.4.1.14
Description	The size of the largest contiguous free space on this array disk in bytes that is less than a megabyte. This size plus the arrayDiskLargestContiguousFreeSpaceInMB is the total size of the largest contiguous free space on the array disk.
Syntax	Integer
Access	Read-only

Table 1643. Array Disk Target ID

Name	arrayDiskTargetID
Object ID	1.3.6.1.4.1.674.10893.1.20.130.4.1.15
Description	Identifies the SCSI target ID which this array disk is assigned.
Syntax	Integer
Access	Access Read-only

Table 1644. Array Disk LUN ID

Name	arrayDiskLunID
Object ID	1.3.6.1.4.1.674.10893.1.20.130.4.1.16
Description	Identifies the array disk's logical unit number.
Syntax	Integer
Access	Read-only

Table 1645. Array Disk Used Space in Megabytes

Name	arrayDiskUsedSpaceInMB
Object ID	1.3.6.1.4.1.674.10893.1.20.130.4.1.17
Description	Identifies the amount in megabytes of the used space on the array disk. If this size is 0, it is smaller than a megabyte.
Syntax	Integer
Access	Read-only

Table 1646. Array Disk Used Space in Bytes

Name	arrayDiskUsedSpaceInBytes
Object ID	1.3.6.1.4.1.674.10893.1.20.130.4.1.18

Description	Identifies the size in bytes of the used space on the array disk that is smaller than a megabyte. This size plus the arrayDiskUsedSpaceInMB is the total amount of used space on the array disk.
Syntax	Integer
Access	Read-only

Table 1647. Array Disk Free Space in Megabytes

Name	arrayDiskFreeSpaceInMB
Object ID	1.3.6.1.4.1.674.10893.1.20.130.4.1.19
Description	Identifies the amount in megabytes of the free space on the array disk. If this size is 0, it is smaller than a megabyte.
Syntax	Integer
Access	Read-only

Table 1648. Array Disk Free Space in Bytes

Name	arrayDiskFreeSpaceInBytes
Object ID	1.3.6.1.4.1.674.10893.1.20.130.4.1.20
Description	Identifies the size in bytes of the free space on the array disk that is smaller than a megabyte. This size plus the arrayDiskFreeSpaceInMB is the total amount of free space on the array disk.
Syntax	Integer
Access	Read-only

Table 1649. Array Disk Bus Type

Name	arrayDiskBusType
Object ID	1.3.6.1.4.1.674.10893.1.20.130.4.1.21
Description	Identifies the bus type of the array disk. Possible values: 1: SCSI 2: IDE 3: Fibre Channel 4: SSA 6: USB 7: SATA 8: SAS 9: PCIe
Syntax	Integer
Access	Read-only

Table 1650. Array Disk Spare State

Name	arrayDiskSpareState
Object ID	1.3.6.1.4.1.674.10893.1.20.130.4.1.22
Description	Identifies the status of the array disk as a spare. Possible states: 1: Disk is a member of a virtual disk 2: Disk is a member of a disk group 3: Disk is a global hot spare 4: Disk is a dedicated hot spare 5: Not a spare 99: Not applicable
Syntax	Integer
Access	Read-only

Table 1651. Array Disk Roll-Up Status

Name	arrayDiskRollUpStatus
Object ID	1.3.6.1.4.1.674.10893.1.20.130.4.1.23
Description	Severity of the array disk state. This is the combined status of the array disk and its components. Possible values: 1: Other 2: Unknown 3: OK 4: Non-critical 5: Critical 6: Non-recoverable
Syntax	DellStatus
Access	Read-only

Table 1652. Array Disk Component Status

Name	arrayDiskComponentStatus
Object ID	1.3.6.1.4.1.674.10893.1.20.130.4.1.24
Description	The status of the array disk itself without the propagation of any contained component status. Possible values: 1: Other 2: Unknown 3: OK 4: Non-critical 5: Critical 6: Non-recoverable

Syntax	DellStatus
Access	Read-only

Table 1653. Array Disk Device Name

Name	arrayDiskDeviceName
Object ID	1.3.6.1.4.1.674.10893.1.20.130.4.1.25
Description	Identifies the operating system device name for this disk.
Syntax	DisplayString
Access	Read-only

Table 1654. Array Disk Nexus ID

Name	arrayDiskNexusID
Object ID	1.3.6.1.4.1.674.10893.1.20.130.4.1.26
Description	Indicates the durable unique ID for this array disk.
Syntax	DisplayString
Access	Read-only

Table 1655. Array Disk Part Number

Name	arrayDiskPartNumber
Object ID	1.3.6.1.4.1.674.10893.1.20.130.4.1.27
Description	Indicates the part number of the disk.
Syntax	DisplayString
Access	Read-only

Table 1656. Array Disk SAS Address

Name	arrayDiskSASAddress
Object ID	1.3.6.1.4.1.674.10893.1.20.130.4.1.28
Description	Indicates the specified SAS address if this is a SAS disk.
Syntax	DisplayString
Access	Read-only

Table 1657. Array Disk Negotiated Speed

Name	arrayDiskNegotiatedSpeed
Object ID	1.3.6.1.4.1.674.10893.1.20.130.4.1.29
Description	Indicates the speed at which the drive is actually running in MPS (megabytes per second).

Syntax	Integer
Access	Read-only

Table 1658. Array Disk Capable Speed

Name	arrayDiskCapableSpeed
Object ID	1.3.6.1.4.1.674.10893.1.20.130.4.1.30
Description	Indicates the maximum speed at which the drive is capable of negotiating in MPS (megabytes per second).
Syntax	Integer
Access	Read-only

Table 1659. Array Disk Smart Alert Indication

Name	arrayDiskSmartAlertIndication
Object ID	1.3.6.1.4.1.674.10893.1.20.130.4.1.31
Description	Indicates whether the disk has received a predictive failure. Possible values: 1: No - disk has not received a predictive failure alert 2: Yes - disk has received a predictive failure alert
Syntax	Integer
Access	Read-only

Table 1660. Array Disk Manufacture Day

Name	arrayDiskManufactureDay
Object ID	1.3.6.1.4.1.674.10893.1.20.130.4.1.32
Description	Indicates the day of the week (1=Sunday through 7=Saturday) on which this disk was manufactured.
Syntax	DisplayString
Access	Read-only

Table 1661. Array Disk Manufacture Week

Name	arrayDiskManufactureWeek
Object ID	1.3.6.1.4.1.674.10893.1.20.130.4.1.33
Description	Indicates the week (1 through 53) in which this disk was manufactured.
Syntax	DisplayString
Access	Read-only

Table 1662. Array Disk Manufacture Year

Name	arrayDiskManufactureYear
Object ID	1.3.6.1.4.1.674.10893.1.20.130.4.1.34
Description	Indicates the four digit year in which this disk was manufactured.
Syntax	DisplayString
Access	Read-only

Table 1663. Array Disk Media Type

Name	arrayDiskMediaType
Object ID	1.3.6.1.4.1.674.10893.1.20.130.4.1.35
Description	The Media type of the array disk. Possible Values: 1:unknown 2:hdd 3:ssd
Syntax	INTEGER
Access	Read-only

Table 1664. Array Disk Dell Certified

Name	arrayDiskDellCertified
Object ID	1.3.6.1.4.1.674.10893.1.20.130.4.1.36
Description	Indicates if array disk is certified by Dell. Value: 1 - Certified, 0 - Not Certified, 99 - Unknown
Syntax	Integer
Access	Read-only

Table 1665. Array Disk Alta Vendor Id

Name	arrayDiskAltaVendorId
Object ID	1.3.6.1.4.1.674.10893.1.20.130.4.1.37
Description	Provides vendor information for Alta interposer.
Syntax	Octet String
Access	Read-only

Table 1666. Array Disk Alta Product Id

Name	arrayDiskAltaProductId
Object ID	1.3.6.1.4.1.674.10893.1.20.130.4.1.38
Description	Provides product ID for Alta interposer.

Syntax	Octet String
Access	Read-only

Table 1667. Array Disk Alta Revision Id

Name	arrayDiskAltaRevisionId
Object ID	1.3.6.1.4.1.674.10893.1.20.130.4.1.39
Description	Provides revision ID for Alta interposer.
Syntax	Octet String
Access	Read-only

Table 1668. Array Disk Encryption Capable

Name	arrayDiskEncryptionCapable
Object ID	1.3.6.1.4.1.674.10893.1.20.130.4.1.40
Description	Indicates if physical disk is encryption capable. Value: 1 - Capable, 0 - Not Capable, 99 - Not Applicable
Syntax	Integer
Access	Read-only

Table 1669. Array Disk Encrypted

Name	arrayDiskEncrypted
Object ID	1.3.6.1.4.1.674.10893.1.20.130.4.1.41
Description	Indicates if the physical disk has encryption enabled. Value: 1 - Yes, 0 - No, 99 - Not Applicable
Syntax	Integer
Access	Read-only

Table 1670. Array Disk Power State

Name	arrayDiskPowerState
Object ID	1.3.6.1.4.1.674.10893.1.20.130.4.1.42
Description	Indicates power state of a physical drive. Value: 0 - Spun up, 1- Spun down, 255 - Transition, 99 - Not Applicable
Syntax	Integer
Access	Read-only

Table 1671. Array Disk Drive Write Cache

Name	arrayDiskDriveWriteCache
Object ID	1.3.6.1.4.1.674.10893.1.20.130.4.1.43

Description	Indicates drive write cache capability for PCIe SSD devices. Value: 1 - Enabled, 0 - Disabled, 99 - Undetermined/NotApplicable
Syntax	Integer
Access	Read-only

Table 1672. Array Disk Model Number

Name	<code>arrayDiskModelNumber</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.130.4.1.44
Description	Provides PCIe SSD device model number.
Syntax	DisplayString
Access	Read-only

Table 1673. Array Disk Life Remaining

Name	<code>arrayDiskLifeRemaining</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.130.4.1.45
Description	Provides PCIe SSD device life remaining in percentage. Value: 0..100, 999 - Undetermined/Not Applicable
Syntax	INTEGER (0..100)
Access	Read-only

Table 1674. Array Disk Driver Version

Name	<code>arrayDiskDriverVersion</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.130.4.1.46
Description	Provides PCIe SSD device driver version.
Syntax	INTEGER
Access	Read-only


Table 1675. Array Disk Device Life Status

Name	<code>arrayDiskDeviceLifeStatus</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.130.4.1.47
Description	Provides PCIe SSD device life status. Possible Values: -1: Not Available / Not Applicable 1: Drive Health Good 2: Approaching Warranty Coverage Expiry 3: Warranty Coverage Expired 4: Approaching Read Only 5: Read Only

Syntax	INTEGER
Access	Read-only

Array Disk Enclosure Connection Table

This table describes the connections among array disks, their enclosure, and their associated controller. For each object in the table, its object number corresponds to an instance number in the appropriate MIB table for that object where all of the object properties can be found.

 **NOTE:** Only array disks that are part of an enclosure are listed in this table. Backplanes are considered enclosures by Storage Management.

The following object sets up the Array Disk Enclosure Connection Table.

Table 1676. Array Disk Enclosure Connection Table

Name	arrayDiskEnclosureConnectionTable
Object ID	1.3.6.1.4.1.674.10893.1.20.130.5
Description	Defines the array disk enclosure connection table.
Syntax	SEQUENCE OF ArrayDiskEnclosureConnectionEntry
Access	Not accessible

Table 1677. Array Disk Enclosure Connection Entry

Name	arrayDiskEnclosureConnectionEntry
Object ID	1.3.6.1.4.1.674.10893.1.20.130.5.1
Description	Defines the array disk enclosure connection table entry.
Syntax x	Syntax ArrayDiskEnclosureConnectionEntry
Access	Not accessible
Index x	Index arrayDiskEnclosureConnectionNumber

Table 1678. Array Disk Enclosure Connection Number

Name	arrayDiskEnclosureConnectionNumber
Object ID	1.3.6.1.4.1.674.10893.1.20.130.5.1.1
Description	Identifies the instance number of the array disk enclosure connection entry.
Syntax	Integer
Access	Read-only

Table 1679. Array Disk Enclosure Connection Array Disk Name

Name	arrayDiskEnclosureConnectionArrayDiskName
Object ID	1.3.6.1.4.1.674.10893.1.20.130.5.1.2

Description	Identifies the name of the array disk in this connection as represented in Storage Management.
Syntax	DisplayString
Access	Read-only

Table 1680. Array Disk Enclosure Connection Array Disk Number

Name	arrayDiskEnclosureConnectionArrayDiskNumber
Object ID	1.3.6.1.4.1.674.10893.1.20.130.5.1.3
Description	Identifies the instance number of the array disk in the arrayDiskTable in this connection.
Syntax	Integer
Access	Read-only

Table 1681. Array Disk Enclosure Connection Enclosure Name

Name	arrayDiskEnclosureConnectionEnclosureName
Object ID	1.3.6.1.4.1.674.10893.1.20.130.5.1.4
Description	Identifies the name of the enclosure as represented in Storage Management to which this array disk belongs.
Syntax	DisplayString
Access	Read-only

Table 1682. Array Disk Enclosure Connection Enclosure Number

Name	arrayDiskEnclosureConnectionEnclosureNumber
Object ID	1.3.6.1.4.1.674.10893.1.20.130.5.1.5
Description	Identifies the instance number in the enclosureTable of the enclosure to which this array disk belongs.
Syntax	Integer
Access	Read-only

Table 1683. Array Disk Enclosure Connection Controller Name


Name	arrayDiskEnclosureConnectionControllerName
Object ID	1.3.6.1.4.1.674.10893.1.20.130.5.1.6
Description	Identifies the name of the controller as represented in Storage Management to which this array disk is connected.
Syntax	DisplayString
Access	Read-only

Table 1684. Array Disk Enclosure Connection Controller Number

Name	<code>arrayDiskEnclosureConnectionControllerNumber</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.130.5.1.7
Description	Identifies the instance number in the controllerTable of the controller to which this array disk is connected.
Syntax	Integer
Access	Read-only

Array Disk Channel Connection Table

This table describes the connections between array disks, their channel, and their associated controller. For each object in the table, its object number corresponds to an instance number in the appropriate MIB table for that object where all of the object properties can be found.

 **NOTE:** Only array disks that are NOT part of an enclosure are listed in this table. Backplanes are considered enclosures by Storage Management.

The following object sets up the Array Disk Channel Connection Table.

Table 1685. Array Disk Channel Connection Table

Name	<code>arrayDiskChannelConnectionTable</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.130.6
Description	Defines the array disk channel connection table.
Syntax	SEQUENCE OF ArrayDiskChannelConnectionEntry
Access	Not accessible

Table 1686. Array Disk Channel Connection Entry

Name	<code>arrayDiskChannelConnectionEntry</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.130.6.1
Description	Defines the array disk channel connection table entry.
Syntax	ArrayDiskChannelConnectionEntry
Access	Not accessible
Index	<code>arrayDiskEnclosureConnectionNumber</code>

Table 1687. Array Disk Channel Connection Number

Name	<code>arrayDiskChannelConnectionNumber</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.130.6.1.1
Description	Identifies the instance number of the array disk channel connection entry.
Syntax	Integer

Access Read-only

Table 1688. Array Disk Channel Connection Array Disk Name

Name arrayDiskChannelConnectionArrayDiskName
Object ID 1.3.6.1.4.1.674.10893.1.20.130.6.1.2
Description Identifies the name of the array disk in this connection as represented in Storage Management.
Syntax DisplayString
Access Read-only

Table 1689. Array Disk Channel Connection Array Disk Number

Name arrayDiskChannelConnectionArrayDiskNumber
Object ID 1.3.6.1.4.1.674.10893.1.20.130.6.1.3
Description Identifies the instance number of the array disk in the arrayDiskTable in this connection.
Syntax Integer
Access Read-only

Table 1690. Array Disk Channel Connection Channel Name

Name arrayDiskChannelConnectionChannelName
Object ID 1.3.6.1.4.1.674.10893.1.20.130.6.1.4
Description Identifies the name of the channel as represented in Storage Management to which is array disk is connected.
Syntax DisplayString
Access Read-only

Table 1691. Array Disk Channel Connection Channel Number

Name arrayDiskChannelConnectionChannelNumber
Object ID 1.3.6.1.4.1.674.10893.1.20.130.6.1.5
Description Identifies the instance number of the channel in the channelTable to which this array disk is connected.
Syntax Integer
Access Read-only

Table 1692. Array Disk Channel Connection Controller Name

Name arrayDiskChannelConnectionControllerName
Object ID 1.3.6.1.4.1.674.10893.1.20.130.6.1.6

Description	Identifies the name of the controller as represented in Storage Management to which this array disk is connected.
Syntax	DisplayString
Access	Read-only

Table 1693. Array Disk Channel Connection Controller Number

Name	arrayDiskChannelConnectionControllerNumber
Object ID	1.3.6.1.4.1.674.10893.1.20.130.6.1.7
Description	Identifies the instance number in the controllerTable of the controller to which this array disk is connected.
Syntax	Integer
Access	Read-only

Fan Table

This table describes available properties for each fan on the managed system.

The following object sets up the Fan Table.

Table 1694. Fan Table

Name	fanTable
Object ID	1.3.6.1.4.1.674.10893.1.20.130.7
Description	Defines the fan table.
Syntax	SEQUENCE OF FanEntry
Access	Not accessible

Table 1695. Fan Entry

Name	fanEntry
Object ID	1.3.6.1.4.1.674.10893.1.20.130.7.1
Description	Defines the fan table entry.
Syntax	FanEntry
Access	Not accessible
Index	fanNumber

Table 1696. Fan Number

Name	fanNumber
Object ID	1.3.6.1.4.1.674.10893.1.20.130.7.1.1
Description	Identifies the instance number of the fan entry.

Syntax	Integer
Access	Read-only

Table 1697. Fan Name

Name	Fan Name
Object ID	1.3.6.1.4.1.674.10893.1.20.130.7.1.2
Description	Identifies the fan's name as represented in Storage Management.
Syntax	DisplayString
Access	Read-only

Table 1698. Fan Vendor

Name	fanVendor
Object ID	1.3.6.1.4.1.674.10893.1.20.130.7.1.3
Description	Identifies the fan's (re)seller's name.
Syntax	DisplayString
Access	Read-only

Table 1699. Fan State

Name	fanState
Object ID	1.3.6.1.4.1.674.10893.1.20.130.7.1.4
Description	Identifies the current state of the fan. Possible states: 0: Unknown 1: Ready 2: Failed 3: Online 4: Offline 6: Degraded 21: Missing
Syntax	Integer
Access	Read-only

Table 1700. Fan Severity

Name	fanSeverity
Object ID	1.3.6.1.4.1.674.10893.1.20.130.7.1.5
Description	This entry is obsolete for Storage Management. It was replaced with RollUpStatus and ComponentStatus for each device.
Syntax	Integer

Access Read-only

Table 1701. Fan Probe Unit

Name fanProbeUnit
Object ID 1.3.6.1.4.1.674.10893.1.20.130.7.1.6
Description This entry is obsolete for Storage Services.
Syntax DisplayString
Access Read-only

Table 1702. Fan Probe Minimum Warning

Name fanProbeMinimumWarning
Object ID 1.3.6.1.4.1.674.10893.1.20.130.7.1.7
Description This entry is obsolete. This setting is not supported by fans managed under Storage Management.
Syntax DisplayString
Access Read-only

Table 1703. Fan Probe Minimum Critical

Name fanProbeMinimumCritical
Object ID 1.3.6.1.4.1.674.10893.1.20.130.7.1.8
Description This entry is obsolete. This setting is not supported by fans managed under Storage Management.
Syntax DisplayString
Access Read-only

Table 1704. Fan Probe Maximum Warning

Name fanProbeMaximumWarning
Object ID 1.3.6.1.4.1.674.10893.1.20.130.7.1.9
Description This entry is obsolete. This setting is not supported by fans managed under Storage Management.
Syntax DisplayString
Access Read-only

Table 1705. Fan Probe Maximum Critical

Name fanProbeMaximumCritical
Object ID 1.3.6.1.4.1.674.10893.1.20.130.7.1.10

Description	This entry is obsolete. This setting is not supported by fans managed under Storage Management.
Syntax	DisplayString
Access	Read-only

Table 1706. Fan Probe Current Value

Name	fanProbeCurrValue
Object ID	1.3.6.1.4.1.674.10893.1.20.130.7.1.11
Description	Identifies the current speed of the fan.
Syntax	DisplayString
Access	Read-only

Table 1707. Fan1 Part Number

Name	fan1PartNumber
Object ID	1.3.6.1.4.1.674.10893.1.20.130.7.1.12
Description	Identifies the part number of the fan in the enclosure.
Syntax	DisplayString
Access	Read-only

Table 1708. Fan 2 Part Number

Name	fan2PartNumber
Object ID	1.3.6.1.4.1.674.10893.1.20.130.7.1.13
Description	This entry is obsolete. This setting is not supported by fans managed under Storage Management.
Syntax	DisplayString
Access	Read-only

Table 1709. Fan Roll-Up Status

Name	fanRollUpStatus
Object ID	1.3.6.1.4.1.674.10893.1.20.130.7.1.14
Description	Severity of the fan state. This is the combined status of the fan and its components. Possible values: 1: Other 2: Unknown 3: OK 4: Non-critical 5: Critical

	6: Non-recoverable
Syntax	DellStatus
Access	Read-only
Table 1710. Fan Component Status	
Name	<code>fanComponentStatus</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.130.7.1.15
Description	The status of the fan itself without the propagation of any contained component status. Possible values: 1: Other 2: Unknown 3: OK 4: Non-critical 5: Critical 6: Non-recoverable
Syntax	DellStatus
Access	Read-only

Table 1711. Fan Nexus ID

Name	<code>fanNexusID</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.130.7.1.16
Description	Durable unique ID for this fan.
Syntax	DisplayString
Access	Read-only

Table 1712. Fan Revision

Name	<code>fanRevision</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.130.7.1.17
Description	Indicates the revision number of the fan in the enclosure.
Syntax	DisplayString
Access	Read-only

Fan Connection Table

This table describes the connection between each fan on the managed system and its enclosure. Each enclosure number in the table corresponds to that enclosure instance in the enclosure Table.

The following object sets up the Fan Connection Table.

Table 1713. Fan Connection Table

Name	<code>fanConnectionTable</code>
Object ID	<code>fanConnectionTable</code>
Description	Defines the fan connection table.
Syntax	SEQUENCE OF FanConnectionEntry
Access	Not accessible

Table 1714. Fan Connection Entry

Name	<code>fanConnectionEntry</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.130.8.1
Description	Defines the fan connection table entry.
Syntax	FanConnectionEntry
Access	Not accessible
Index	<code>fanConnectionNumber</code>

Table 1715. Fan Connection Number

Name	<code>fanConnectionNumber</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.130.8.1.1
Description	Identifies the instance number of the fan connection entry.
Syntax	Integer
Access	Read-only

Table 1716. Fan Connection Fan Name

Name	<code>fanConnectionFanName</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.130.8.1.2
Description	Identifies the name of the fan in this connection as represented in Storage Management.
Syntax	DisplayString
Access	Read-only

Table 1717. Fan Connection Fan Number

Name	<code>fanConnectionFanNumber</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.130.8.1.3
Description	Identifies the instance number of the fan in the fanTable in the connection.
Syntax	Integer

Access Read-only

Table 1718. Fan Connection Enclosure Name

Name fanConnectionEnclosureName
Object ID 1.3.6.1.4.1.674.10893.1.20.130.8.1.4
Description Identifies the name of the enclosure as represented in Storage Management to which this fan belongs.
Syntax DisplayString
Access Read-only

Table 1719. Fan Connection Enclosure Number

Name fanConnectionEnclosureNumber
Object ID 1.3.6.1.4.1.674.10893.1.20.130.8.1.5
Description Identifies the instance number of the enclosure in the enclosureTable to which this fan belongs.
Syntax Integer
Access Read-only

Power Supply Table

Table 1720. Power Supply Table

Name powerSupplyTable
Object ID 1.3.6.1.4.1.674.10892.1.600.12
Description Defines the Power Supply Table.
Syntax PowerSupplyTableEntry
Access Not accessible

Table 1721. Power Supply Table Entry

Name powerSupplyTableEntry
Object ID 1.3.6.1.4.1.674.10892.1.600.12.1
Description Defines the Power Supply Table entry.
Syntax PowerSupplyTableEntry
Access Not accessible
Index powerSupplychassisIndex, powerSupplyIndex

Table 1722. Power Supply Chassis Index

Name powerSupplychassisIndex
Object ID 1.3.6.1.4.1.674.10892.1.600.12.1.1

Description	Defines the index (one-based) of this chassis.
Syntax	DellObjectRange
Access	Read-only

Table 1723. Power Supply Index

Name	powerSupplyIndex
Object ID	1.3.6.1.4.1.674.10892.1.600.12.1.2
Description	Defines the index of power supply.
Syntax	DellObjectRange
Access	Read-only

Table 1724. Power Supply State Capabilities Unique

Name	powerSupplyStateCapabilitiesUnique
Object ID	1.3.6.1.4.1.674.10892.1.600.12.1.3
Description	Defines the capabilities of the power supply.
Syntax	DellPowerSupplyStateCapabilitiesUnique (Power Supply State Capabilities Unique)
Access	Read-only

Table 1725. Power Supply State Settings Unique

Name	powerSupplyStateSettingsUnique
Object ID	1.3.6.1.4.1.674.10892.1.600.12.1.4
Description	Defines the state and settings of the power supply.
Syntax	DellPowerSupplyStateSettingsUnique (Power Supply State Settings Unique)
Access	Read-write

Table 1726. Power Supply Status

Name	powerSupplyStatus
Object ID	1.3.6.1.4.1.674.10892.1.600.12.1.5
Description	Defines the status of the power supply.
Syntax	DellStatus
Access	Read-only

Table 1727. Power Supply Output Watts

Name	powerSupplyOutputWatts
Object ID	1.3.6.1.4.1.674.10892.1.600.12.1.6
Description	Defines the maximum sustained output wattage of the power supply in tenths of watts.
Syntax	DellSigned32BitRange

Access Read-only

Table 1728. Power Supply Type

Name powerSupplyType
Object ID 1.3.6.1.4.1.674.10892.1.600.12.1.7
Description Defines the type of power supply.
Syntax DellPowerSupplyType ([Power Supply Type Definitions](#))
Access Read-only

Table 1729. Power Supply Location Name

Name powerSupplyLocationName
Object ID 1.3.6.1.4.1.674.10892.1.600.12.1.8
Description Defines the location name of the power supply.
Syntax DellString
Access Read-only

Table 1730. Power Supply Input Voltage

Name powerSupplyInputVoltage
Object ID 1.3.6.1.4.1.674.10892.1.600.12.1.9
Description Defines the input voltage to the power supply in volts.
Syntax DellSigned32BitRange
Access Read-only

Table 1731. Power Supply Power Unit Index Reference

Name powerSupplyPowerUnitIndexReference
Object ID 1.3.6.1.4.1.674.10892.1.600.12.1.10
Description Defines the index to the associated system power unit in this chassis.
Syntax DellObjectRange
Access Read-only

Table 1732. Power Supply Sensor State

Name powerSupplySensorState
Object ID 1.3.6.1.4.1.674.10892.1.600.12.1.11
Description Defines the state reported by the power supply sensor, and supplements the state and settings of the power supply.
Syntax DellPowerSupplySensorState ([Power Supply Sensor State](#))
Access Read-only

Table 1733. Power Supply Configuration Error Type

Name	powerSupplyConfigurationErrorType
Object ID	1.3.6.1.4.1.674.10892.1.600.12.1.12
Description	Defines the type of configuration error reported by the power supply sensor.
Syntax	DellPowerSupplyConfigurationErrorType (Power Supply Configuration Error Type)
Access	Read-only

Table 1734. Power Supply Power Monitor Capable

Name	powerSupplyPowerMonitorCapable
Object ID	1.3.6.1.4.1.674.10892.1.600.12.1.13
Description	Defines a boolean value that reports whether the power supply is capable of monitoring power consumption.
Syntax	DellBoolean
Access	Read-only

Table 1735. Power Supply Rated Input Wattage

Name	powerSupplyRatedInputWattage
Object ID	1.3.6.1.4.1.674.10892.1.600.12.1.14
Description	Defines the rated input wattage of the power supply (in tenths of Watts.)
Syntax	DellSigned32BitRange
Access	Read-only

Power Supply Connection Table

This table describes the connection between each power supply on the managed system and its enclosure. Each enclosure number in the table corresponds to that enclosure instance in the enclosure Table.

The following object sets up the Power Supply Connection Table.

Table 1736. Power Supply Connection Table

Name	powerSupplyConnectionTable
Object ID	1.3.6.1.4.1.674.10893.1.20.130.10
Description	Defines the power supply connection table.
Syntax	SEQUENCE OF PowerSupplyConnectionEntry
Access	Not accessible

Table 1737. Power Supply Connection Entry

Name	powerSupplyConnectionEntry
Object ID	1.3.6.1.4.1.674.10893.1.20.130.10.1
Description	Defines the power supply connection table entry.

Syntax	PowerSupplyConnectionEntry
Access	Not accessible
Index	powerSupplyConnectionNumber

Table 1738. Power Supply Connection Number

Name	powerSupplyConnectionNumber
Object ID	1.3.6.1.4.1.674.10893.1.20.130.10.1.1
Description	Identifies the instance number of the power supply connection entry.
Syntax	Integer
Access	Read-only

Table 1739. Power Supply Connection Power Supply Name

Name	powerSupplyConnectionPowerSupplyName
Object ID	1.3.6.1.4.1.674.10893.1.20.130.10.1.2
Description	Identifies the name of the power supply in this connection as represented in Storage Management.
Syntax	DisplayString
Access	Read-only

Table 1740. Power Supply Connection Power Supply Number

Name	powerSupplyConnectionPowerSupplyNumber
Object ID	1.3.6.1.4.1.674.10893.1.20.130.10.1.3
Description	Identifies the instance number of the power supply in the powerSupplyTable in the connection.
Syntax	Integer
Access	Read-only


Table 1741. Power Supply Connection Enclosure Name

Name	powerSupplyConnectionEnclosureName
Object ID	1.3.6.1.4.1.674.10893.1.20.130.10.1.4
Description	Identifies the name of the enclosure as represented in Storage Management to which this power supply belongs.
Syntax	DisplayString
Access	Read-only

Table 1742. Power Supply Connection Enclosure Number

Name	powerSupplyConnectionEnclosureNumber
Object ID	1.3.6.1.4.1.674.10893.1.20.130.10.1.5
Description	Identifies the instance number of the enclosure in the enclosureTable to which this power supply belongs.
Syntax	Integer
Access	Read-only

Table 1743. Power Supply Connection Firmware Version

Name	powerSupplyConnectionFirmwareVersion
Object ID	1.3.6.1.4.1.674.10893.1.20.130.10.1.6
Description	Displays power supply connection firmware version.  NOTE: Available above 1.04 firmware version.
Syntax	DisplayString
Access	Read-only

Temperature Probe Table

Table 1744. Temperature Probe Table

Name	temperatureProbeTable
Object ID	1.3.6.1.4.1.674.10892.1.700.20
Description	Defines the Temperature Probe Table.
Syntax	TemperatureProbeTableEntry
Access	Not accessible

Table 1745. Temperature Probe Table Entry

Name	temperatureProbeTableEntry
Object ID	1.3.6.1.4.1.674.10892.1.700.20.1
Description	Defines the Temperature Probe Table entry.
Syntax	TemperatureProbeTableEntry
Access	Not accessible
Index	temperatureProbechassisIndex , temperatureProbeIndex

Table 1746. Temperature Probe Chassis Index

Name	temperatureProbechassisIndex
Object ID	1.3.6.1.4.1.674.10892.1.700.20.1.1
Description	Defines the index (one-based) of this chassis.
Syntax	DellObjectRange
Access	Read-only

Table 1747. Temperature Probe Index

Name	temperatureProbeIndex
Object ID	1.3.6.1.4.1.674.10892.1.700.20.1.2
Description	Defines the index of temperature probes in this chassis.
Syntax	DellObjectRange
Access	Read-only

Table 1748. Temperature Probe State Capabilities

Name	temperatureProbeStateCapabilities
Object ID	1.3.6.1.4.1.674.10892.1.700.20.1.3
Description	Defines the capabilities of the temperature probe.
Syntax	DellStateCapabilities
Access	Read-only

Table 1749. Temperature Probe State Settings

Name	temperatureProbeStateSettings
Object ID	1.3.6.1.4.1.674.10892.1.700.20.1.4
Description	Defines the state and settings of the temperature probe.
Syntax	DellStateSettings
Access	Read-write

Table 1750. Temperature Probe Status

Name	temperatureProbeStatus
Object ID	1.3.6.1.4.1.674.10892.1.700.20.1.5
Description	Defines the status of the temperature probe in tenths of degrees Celsius.
Syntax	DellStatusProbe
Access	Read-only

Table 1751. Temperature Probe Reading

Name	temperatureProbeReading
Object ID	1.3.6.1.4.1.674.10892.1.700.20.1.6

Description	Defines the value of the temperature probe. When the value for temperatureProbeType is other than temperatureProbeTypesDiscrete, the value returned for this attribute is the temperature that the probe is reading in tenths of degrees Centigrade. When the value for temperatureProbeType is temperatureProbeTypesDiscrete, a value is not returned for this attribute.
Syntax	DellSigned32BitRange
Access	Read-only

Table 1752. Temperature Probe Type

Name	temperatureProbeType
Object ID	1.3.6.1.4.1.674.10892.1.700.20.1.7
Description	Defines the temperature probe type.
Syntax	DellTemperatureProbeType (Temperature Probe Type)
Access	Read-only

Table 1753. Temperature Probe Location Name

Name	temperatureProbeLocationName
Object ID	1.3.6.1.4.1.674.10892.1.700.20.1.8
Description	Defines the location of the temperature probe in this chassis.
Syntax	DellString
Access	Read-only

Table 1754. Temperature Probe Upper Nonrecoverable Threshold

Name	temperatureProbeUpperNonRecoverableThreshold
Object ID	1.3.6.1.4.1.674.10892.1.700.20.1.9
Description	Defines the value of the temperature probe's upper nonrecoverable threshold.
Syntax	DellSigned32BitRange
Access	Read-only

Table 1755. Temperature Probe Upper Critical Threshold

Name	temperatureProbeUpperCriticalThreshold
Object ID	1.3.6.1.4.1.674.10892.1.700.20.1.10
Description	Defines the value of the temperature probe's upper critical threshold.
Syntax	DellSigned32BitRange
Access	Read-only

Table 1756. Temperature Probe Upper Noncritical Threshold

Name	temperatureProbeUpperNonCriticalThreshold
Object ID	1.3.6.1.4.1.674.10892.1.700.20.1.11

Description	Defines the user-assigned value of the temperature probe's upper noncritical threshold.
Syntax	DellSigned32BitRange
Access	Read-write

Table 1757. Temperature Probe Lower Noncritical Threshold

Name	temperatureProbeLowerNonCriticalThreshold
Object ID	1.3.6.1.4.1.674.10892.1.700.20.1.12
Description	Defines the user-assigned value of the temperature probe's lower noncritical threshold.
Syntax	DellSigned32BitRange
Access	Read-write

Table 1758. Temperature Probe Lower Critical Threshold

Name	temperatureProbeLowerCriticalThreshold
Object ID	1.3.6.1.4.1.674.10892.1.700.20.1.13
Description	Defines the value of the temperature probe's lower critical threshold.
Syntax	DellSigned32BitRange
Access	Read-only

Table 1759. Temperature Probe Lower Nonrecoverable Threshold

Name	temperatureProbeLowerNonRecoverableThreshold
Object ID	1.3.6.1.4.1.674.10892.1.700.20.1.14
Description	Defines the value of the temperature probe's lower nonrecoverable threshold.
Syntax	DellSigned32BitRange
Access	Read-only

Table 1760. Temperature Probe Probe Capabilities

Name	temperatureProbeProbeCapabilities
Object ID	1.3.6.1.4.1.674.10892.1.700.20.1.15
Description	Defines the probe capabilities of the temperature probe.
Syntax	DellProbeCapabilities
Access	Read-only

Table 1761. Temperature Probe Discrete Reading

Name	temperatureProbeDiscreteReading
Object ID	1.3.6.1.4.1.674.10892.1.700.20.1.16
Description	Defines the reading for a temperature probe of type temperatureProbeTypesDiscrete.

When the value for temperatureProbeType is other than temperatureProbeTypesDiscrete, a value is not returned for this attribute. When the value for temperatureProbeType is temperatureProbeTypesDiscrete, the value returned for this attribute is the discrete reading for the probe.

Syntax	DellTemperatureDiscreteReading (Temperature Probe Discrete Reading)
Access	Read-only

Temperature Probe Connection Table

This table describes the connection between each temperature probe on the managed system and its enclosure. Each enclosure number in the table corresponds to that enclosure instance in the enclosure Table.

The following object sets up the Temperature Probe Connection Table.

Table 1762. Temperature Probe Connection Table

Name	temperatureConnectionTable
Object ID	1.3.6.1.4.1.674.10893.1.20.130.12
Description	Defines the temperature probe connection table.
Syntax	SEQUENCE OF TemperatureConnectionEntry
Access	Not accessible

Table 1763. Temperature Probe Connection Entry

Name	temperatureConnectionEntry
Object ID	1.3.6.1.4.1.674.10893.1.20.130.12.1
Description	Defines the temperature probe connection table entry. ber
Syntax	TemperatureConnectionEntry
Access	Not accessible
Index	temperatureConnectionNumber

Table 1764. Temperature Probe Connection Number

Name	temperatureConnectionNumber
Object ID	1.3.6.1.4.1.674.10893.1.20.130.12.1.1
Description	Identifies the instance number of the temperature probe connection entry.
Syntax	Integer
Access	Read-only

Table 1765. Temperature Probe Connection Temperature Probe Name

Name	temperatureConnectionTemperatureName
Object ID	1.3.6.1.4.1.674.10893.1.20.130.12.1.2

Description	Identifies the name of the temperature probe in this connection as represented in Storage Management.
Syntax	DisplayString
Access	Read-only

Table 1766. Temperature Probe Connection Temperature Probe Number

Name	<code>temperatureConnectionTemperatureNumber</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.130.12.1.3
Description	Identifies the instance number in the temperatureTable of the temperature probe in this connection.
Syntax	Integer
Access	Read-only

Table 1767. Temperature Probe Connection Enclosure Name

Name	<code>temperatureConnectionEnclosureName</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.130.12.1.4
Description	Identifies the name of the enclosure as represented in Storage Management to which this temperature probe belongs.
Syntax	DisplayString
Access	Read-only

Table 1768. Temperature Probe Connection Enclosure Number

Name	<code>temperatureConnectionEnclosureNumber</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.130.12.1.5
Description	Identifies the instance number of the enclosure in the enclosureTable to which this temperature probe belongs.
Syntax	Integer
Access	Read-only

Enclosure Management Module Table

This table describes available properties for each enclosure management module on the managed system.

The following object sets up the Enclosure Management Module Table.

Table 1769. Enclosure Management Module Table

Name	<code>enclosureManagementModuleTable</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.130.13
Description	Defines the enclosure management module table.

Syntax	SEQUENCE OF EnclosureManagementModuleEntry
Access	Not accessible

Table 1770. Enclosure Management Module Entry

Name	EnclosureManagementModuleEntry
Object ID	1.3.6.1.4.1.674.10893.1.20.130.13.1
Description	Defines the enclosure management module table entry.
Syntax	EnclosureManagementModuleEntry
Access	Not accessible
Index	enclosureManagementModuleNumber

Table 1771. Enclosure Management Module Number

Name	enclosureManagementModuleNumber
Object ID	1.3.6.1.4.1.674.10893.1.20.130.13.1.1
Description	Identifies the instance number of the enclosure management module entry.
Syntax	Integer
Access	Read-only

Table 1772. Enclosure Management Module Name

Name	enclosureManagementModuleName
Object ID	1.3.6.1.4.1.674.10893.1.20.130.13.1.2
Description	Identifies the enclosure management module's name as represented in Storage Management.
Syntax	DisplayString
Access	Read-only

Table 1773. Enclosure Management Module Vendor

Name	enclosureManagementModuleVendor
Object ID	1.3.6.1.4.1.674.10893.1.20.130.13.1.3
Description	Identifies the enclosure management module's (re)seller's name.
Syntax	DisplayString
Access	Read-only

Table 1774. Enclosure Management Module State

Name	enclosureManagementModuleState
Object ID	1.3.6.1.4.1.674.10893.1.20.130.13.1.4

Description	Identifies the current state of the enclosure management module. Possible states: 0: Unknown 1: Ready 2: Failed 3: Online 4: Offline 5: Not Installed 6: Degraded 21: Missing
Syntax	Integer
Access	Read-only

Table 1775. Enclosure Management Module Severity

Name	<code>enclosureManagementModuleSeverity</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.130.13.1.5
Description	This entry is obsolete for Storage Management. It was replaced with RollUpStatus and ComponentStatus for each device.
Syntax	Integer
Access	Read-only

Table 1776. Enclosure Management Module Part Number

Name	<code>enclosureManagementModulePartNumber</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.130.13.1.6
Description	Identifies the part number of the enclosure memory module.
Syntax	Display String
Access	Read-only

Table 1777. Enclosure Management Module Type

Name	<code>enclosureManagementModuleType</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.130.13.1.7
Description	Identifies the type of the enclosure management module. Possible values: 0: Unknown 1: EMM 2: Termination Card
Syntax	Integer
Access	Read-only

Table 1778. Enclosure Management Module Firmware Version

Name	enclosureManagementModuleFWVersion
Object ID	1.3.6.1.4.1.674.10893.1.20.130.13.1.8
Description	Identifies the firmware version of the enclosure memory module.
Syntax	DisplayString
Access	Read-only

Table 1779. Enclosure Management Module Maximum Speed

Name	enclosureManagementModuleMaxSpeed
Object ID	1.3.6.1.4.1.674.10893.1.20.130.13.1.9
Description	Identifies the maximum bus speed of the enclosure management module.
Syntax	DisplayString
Access	Read-only

Table 1780. Enclosure Management Module Roll-Up Status

Name	enclosureManagementModuleRollUpStatus
Object ID	1.3.6.1.4.1.674.10893.1.20.130.13.1.10
Description	Severity of the enclosure management module state. This is the combined status of the EMM and its components. Possible values: 1: Other 2: Unknown 3: OK 4: Non-critical 5: Critical 6: Non-recoverable
Syntax	DellStatus
Access	Read-only

Table 1781. Enclosure Management Module Component Status

Name	enclosureManagementModuleComponentStatus
Object ID	1.3.6.1.4.1.674.10893.1.20.130.13.1.11
Description	The status of the enclosure management module itself without the propagation of any contained component status. Possible values: 1: Other 2: Unknown 3: OK 4: Non-critical

	5: Critical 6: Non-recoverable
Syntax	DellStatus
Access	Read-only

Table 1782. Enclosure Management Module Nexus ID

Name	enclosureManagementModuleNexusID
Object ID	1.3.6.1.4.1.674.10893.1.20.130.13.1.12
Description	Durable unique ID for this EMM.
Syntax	DisplayString
Access	Read-only

Table 1783. Enclosure Management Module Revision

Name	enclosureManagementModuleRevision
Object ID	1.3.6.1.4.1.674.10893.1.20.130.13.1.13
Description	Identifies the revision number of the enclosure management module.
Syntax	DisplayString
Access	Read-only

Enclosure Management Module Connection Table

This table describes the connection between each enclosure management module on the managed system and its enclosure. Each enclosure number in the table corresponds to that enclosure instance in the enclosure Table.

The following object sets up the Enclosure Management Module Connection Table.

Table 1784. Enclosure Management Module Connection Table

Name	enclosureManagementModuleConnectionTable
Object ID	1.3.6.1.4.1.674.10893.1.20.130.14
Description	Defines the enclosure memory module connection table.
Syntax	SEQUENCE OF EnclosureManagementModuleConnectionEntry
Access	Not accessible

Table 1785. Enclosure Management Module Connection Entry

Name	enclosureManagementModuleConnectionEntry
Object ID	1.3.6.1.4.1.674.10893.1.20.130.14.1
Description	Defines the enclosure memory module connection table entry.
Syntax	EnclosureManagementModuleConnectionEntry
Access Not	accessible

Index enclosureManagementModuleConnectionNumber

Table 1786. Enclosure Management Module Connection Number

Name	enclosureManagementModuleConnectionNumber
Object ID	1.3.6.1.4.1.674.10893.1.20.130.14.1.1
Description	Identifies the instance number of the enclosure memory module connection entry.
Syntax	Integer
Access	Read-only

Table 1787. Enclosure Management Module Connection EMM Name

Name	enclosureManagementModuleConnectionEMMName
Object ID	1.3.6.1.4.1.674.10893.1.20.130.14.1.2
Description	Identifies the name of the enclosure memory module in this connection as represented in Storage Management.
Syntax	DisplayString
Access	Read-only

Table 1788. Enclosure Management Module Connection EMM Number

Name	enclosureManagementModuleConnectionEMMNumber
Object ID	1.3.6.1.4.1.674.10893.1.20.130.14.1.3
Description	Identifies the instance number in the enclosureManagementModuleTable of the enclosure memory module in this connection.
Syntax	Integer
Access	Read-only

Table 1789. Enclosure Management Module Connection Enclosure Name

Name	enclosureManagementModuleConnectionEnclosureName
Object ID	1.3.6.1.4.1.674.10893.1.20.130.14.1.4
Description	Identifies the name of the enclosure as represented in Storage Management to which this enclosure memory module belongs.
Syntax	DisplayString
Access	Read-only

Table 1790. Enclosure Management Module Connection Enclosure Number

Name	enclosureManagementModuleConnectionEnclosure Number
Object ID	1.3.6.1.4.1.674.10893.1.20.130.14.1.5

Description	Identifies the instance number of the enclosure in the enclosureTable to which this enclosure memory module belongs.
Syntax	Integer
Access	Read-only

Battery Table

Table 1791. Battery Table

Name	batteryTable
Object ID	1.3.6.1.4.1.674.10892.1.600.50
Description	Defines the Battery Table.
Syntax	SEQUENCE OF BatteryTableEntry
Access	Not accessible

Table 1792. Battery Table Entry

Name	batteryTableEntry
Object ID	1.3.6.1.4.1.674.10892.1.600.50.1
Description	Defines the Battery Table Entry.
Syntax	BatteryTableEntry
Access	Not accessible
Index	batteryChassisIndex, batteryIndex

Table 1793. Battery Chassis Index

Name	batteryChassisIndex
Object ID	1.3.6.1.4.1.674.10892.1.600.50.1.1
Description	Defines the index (one-based) of the chassis that contains the battery.
Syntax	DellObjectRange
Access	Read-only

Table 1794. Battery Index

Name	batteryIndex
Object ID	1.3.6.1.4.1.674.10892.1.600.50.1.2
Description	Defines the index (one-based) of the battery.
Syntax	DellObjectRange
Access	Read-only

Table 1795. Battery State Capabilities

Name	batteryStateCapabilities
Object ID	1.3.6.1.4.1.674.10892.1.600.50.1.3

Description	Defines the state capabilities of the battery.
Syntax	DellStateCapabilities
Access	Read-only

Table 1796. Battery State Settings

Name	batteryStateSettings
Object ID	1.3.6.1.4.1.674.10892.1.600.50.1.4
Description	Defines the state settings of the battery.
Syntax	DellStateSettings
Access	Read-write

Table 1797. Battery Status

Name	batteryStatus
Object ID	1.3.6.1.4.1.674.10892.1.600.50.1.5
Description	Defines the status of the battery.
Syntax	DellStatus
Access	Read-only

Table 1798. Battery Reading

Name	batteryReading
Object ID	1.3.6.1.4.1.674.10892.1.600.50.1.6
Description	Defines the reading of the battery.
Syntax	DellBatteryReading (Battery Reading)
Access	Read-only

Table 1799. Battery Location Name

Name	batteryLocationName
Object ID	1.3.6.1.4.1.674.10892.1.600.50.1.7
Description	Defines the location of the battery.
Syntax	DellString
Access	Read-only

Battery Connection Table

This table describes the connection between each controller battery on the managed system and its controller. Each controller number in the table corresponds to that controller instance in the controller Table.

The following object sets up the Battery Connection Table.

Table 1800. Battery Connection Table

Name	batteryConnectionTable
Object ID	1.3.6.1.4.1.674.10893.1.20.130.16
Description	Defines the battery connection table.
Syntax	SEQUENCE OF BatteryConnectionEntry
Access	Not accessible

Table 1801. Battery Connection Entry

Name	batteryConnectionEntry
Object ID	1.3.6.1.4.1.674.10893.1.20.130.16.1
Description	Defines the battery connection table entry.
Syntax	BatteryConnectionEntry
Access	BatteryConnectionEntry
Index	BatteryConnectionNumber

Table 1802. Battery Connection Number

Name	batteryConnectionNumber
Object ID	1.3.6.1.4.1.674.10893.1.20.130.16.1.1
Description	Identifies the instance number of the battery connection entry.
Syntax	Integer
Access	Read-only

Table 1803. Battery Connection Battery Name

Name	batteryConnectionBatteryName
Object ID	1.3.6.1.4.1.674.10893.1.20.130.16.1.2
Description	Identifies the name of the battery in this connection as represented in Storage Management.
Syntax	DisplayString
Access	Read-only

Table 1804. Battery Connection Battery Number

Name	batteryConnectionBatteryNumber
Object ID	1.3.6.1.4.1.674.10893.1.20.130.16.1.3
Description	Identifies the instance number in the batteryTable of the battery in this connection.
Syntax	Integer

Access Read-only

Table 1805. Battery Connection Controller Name

Name batteryConnectionControllerName
Object ID 1.3.6.1.4.1.674.10893.1.20.130.16.1.4
Description Identifies the name of the controller as represented in Storage Management to which this battery belongs.
Syntax DisplayString
Access Read-only

Table 1806. Battery Connection Controller Number

Name batteryConnectionControllerNumber
Object ID 1.3.6.1.4.1.674.10893.1.20.130.16.1.5
Description Identifies instance number of the controller in the controllerTable to which this battery belongs.
Syntax Integer
Access Read-only

Tape Drive Table

This table describes available properties for each tape drive on the managed system.

The following object sets up the Tape Drive Table.

Table 1807. Tape Drive Table


Name tapeDriveTable
Object ID 1.3.6.1.4.1.674.10893.1.20.130.17
Description A table of listed Tape Drives The number of entries is related to number of Tape Drives discovered in the system. The maximum number of entries is implementation dependent.
 **NOTE:** The properties in this table may not be applicable to all entries.
Syntax SEQUENCE OF TapeDriveEntry
Access Not accessible

Table 1808. Tape Drive Entry

Name tapeDriveEntry
Object ID 1.3.6.1.4.1.674.10893.1.20.130.17.1
Description An entry in the Tape Library table. A row in this table cannot be created or deleted by SNMP operations on columns of the table.
Syntax TapeDriveEntry

Access Not accessible

Table 1809. Tape Drive Number

Name `tapeDriveNumber`
Object ID 1.3.6.1.4.1.674.10893.1.20.130.17.1.1
Description Instance number of this tape drive entry.
Syntax INTEGER
Access Read-only

Table 1810. Tape Drive Name

Name `tapeDriveName`
Object ID 1.3.6.1.4.1.674.10893.1.20.130.17.1.2
Description The name of the tape drive as represented in Storage Management.
Syntax DisplayString
Access Read-only

Table 1811. Tape Drive Vendor

Name `tapeDriveVendor`
Object ID 1.3.6.1.4.1.674.10893.1.20.130.17.1.3
Description The tape drive's manufacturer's name.
Syntax DisplayString
Access Read-only

Table 1812. Tape Drive Product ID

Name `tapeDriveProductID`
Object ID 1.3.6.1.4.1.674.10893.1.20.130.17.1.4
Description The model number of the tape drive.
Syntax DisplayString
Access Read-only

Table 1813. Tape Drive Nexus ID

Name `tapeDriveNexusID`
Object ID 1.3.6.1.4.1.674.10893.1.20.130.17.1.5
Description Durable unique ID for this tape drive
Syntax DisplayString

Access Read-only

Table 1814. Tape Drive Bus Type

Name `tapeDriveBusType`
Object ID 1.3.6.1.4.1.674.10893.1.20.130.17.1.6
Description The bus type of the tape drive.
Possible values: 8. SAS
Syntax INTEGER
Access Read-only

Table 1815. Tape Drive SAS Address

Name `tapeDriveSASAddress`
Object ID 1.3.6.1.4.1.674.10893.1.20.130.17.1.7
Description The specified SAS address if this is a SAS tape drive.
Syntax DisplayString
Access Read-only

Table 1816. Tape Drive Media Type

Name `tapeDriveMediaType`
Object ID 1.3.6.1.4.1.674.10893.1.20.130.17.1.8
Description The Media type of the tape drive.
Possible Values: 4: Tape
Syntax INTEGER
Access Read-only

Logical Devices Group

The Logical Devices Management Information Base (MIB) group provides information about the logical devices managed by the Dell Storage Management Software and their relationships to each other.

This group and all of its associated tables and objects are not supported on Microsoft Windows Advanced Server Limited Edition 64-bit operating system (Windows.Net-64) on a Dell PowerEdge 7150. The following MIB tables define objects and relationships, or connections among the objects, in the Logical Devices Group:

- **Virtual Disk Table** — describes available properties for each virtual disk on the managed system.
- **Array Disk Logical Connection Table** — describes the connections between array disks, the virtual disk to which they belong, and their associated logical disk. For each object in the table, its object number corresponds to an instance number in the appropriate MIB table for that object where all of the object properties can be found.

This table describes available properties for each virtual disk on the managed system.

The following object sets up the Virtual Disk Table.

Table 1817. Virtual Disk Table

Name	virtualDiskTable
Object ID	1.3.6.1.4.1.674.10893.1.20.140.1
Description	Defines the virtual disk table.
Syntax	SEQUENCE OF VirtualDiskEntry
Access	Not accessible

Table 1818. Virtual Disk Entry

Name	virtualDiskEntry
Object ID	1.3.6.1.4.1.674.10893.1.20.140.1.1
Description	Defines the virtual disk table entry.
Syntax	VirtualDiskEntry
Access	Not accessible
Index	virtualDiskNumber

Table 1819. Virtual Disk Number

Name	virtualDiskNumber
Object ID	1.3.6.1.4.1.674.10893.1.20.140.1.1.1
Description	Identifies the instance number of the virtual disk entry.
Syntax	Integer
Access	Read-only

Table 1820. Virtual Disk Name

Name	virtualDiskName
Object ID	1.3.6.1.4.1.674.10893.1.20.140.1.1.2
Description	Identifies the virtual disk's label generated by Storage Management or entered by the user.
Syntax	DisplayString
Access	Read-only

Table 1821. Virtual Device Disk Name

Name	virtualDiskDeviceName
Object ID	1.3.6.1.4.1.674.10893.1.20.140.1.1.3
Description	Identifies the device name used by this virtual disk's member disks.
Syntax	DisplayString

Access Read-only

Table 1822. Virtual Disk State

Name	virtualDiskState
Object ID	1.3.6.1.4.1.674.10893.1.20.140.1.1.4
Description	Identifies the current state of this virtual disk. Possible states: 0: Unknown 1: Ready - The disk is accessible and has no known problems. 2: Failed - The data on the virtual disk is no longer fault tolerant because one of the underlying disks is not online. 3: Online 4: Offline - The disk is not accessible. The disk may be corrupted or intermittently unavailable. 6: Degraded - The data on the virtual disk is no longer fault tolerant because one of the underlying disks is not online. 15: Resynching 16: Regenerating 24: Rebuilding 26: Formatting 32: Reconstructing 35: Initializing 36: Background Initialization 38: Resynching Paused 52: Permanently Degraded 54: Degraded Redundancy
Syntax	Integer
Access	Read-only

Table 1823. Virtual Disk Severity

Name	virtualDiskSeverity
Object ID	1.3.6.1.4.1.674.10893.1.20.140.1.1.5
Description	This entry is obsolete for Storage Management. It was replaced with RollUpStatus and ComponentStatus for each device.
Syntax	Integer
Access	Read-only

Table 1824. Virtual Disk Length in Megabytes

Name	virtualDiskLengthInMB
Object ID	1.3.6.1.4.1.674.10893.1.20.140.1.1.6
Description	Identifies the size of this virtual disk in megabytes. If this size is 0, it is smaller than a megabyte.

Syntax	Integer
Access	Read-only

Table 1825. Virtual Disk Length in Bytes

Name	<code>virtualDiskLengthBytes</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.140.1.1.7
Description	Identifies the portion of the virtual disk in bytes that is smaller than a megabyte. This size plus the <code>virtualDiskLengthInMB</code> is the total size of the virtual disk.
Syntax	Integer
Access	Read-only

Table 1826. Virtual Disk Free Space in Megabytes

Name	<code>virtualDiskFreeSpaceInMB</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.140.1.1.8
Description	This entry is obsolete. This property is not supported by virtual disks managed under Storage Management.
Syntax	Integer
Access	Read-only

Table 1827. Virtual Disk Free Space in Bytes

Name	<code>virtualDiskFreeSpaceInBytes</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.140.1.1.9
Description	This entry is obsolete. This property is not supported by virtual disks managed under Storage Management.
Syntax	Integer
Access	Read-only

Table 1828. Virtual Disk Write Policy

Name	<code>virtualDiskWritePolicy</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.140.1.1.10
Description	Indicates whether the controller's write cache are used when writing to a virtual disk. Possible values: 1: Enabled - Adaptec Write Cache Enabled Protected 2: Disabled - Adaptec Write Cache Disabled 3: LSI Write Back 4: LSI Write Through 5: Enabled Always (Adaptec only) 6: Enabled Always (SAS only)

	9: Not Applicable
Syntax	Integer
Access	Read-only

Table 1829. Virtual Disk Read Policy

Name	virtualDiskReadPolicy
Object ID	1.3.6.1.4.1.674.10893.1.20.140.1.1.11
Description	Indicates whether the controller's read cache are used when reading from a virtual disk. Possible values: 1: Enabled - Adaptec Read Cache Enabled 2: Disabled - Adaptec Read Cache Disabled 3: LSI Read Ahead 4: LSI Adaptive Read Ahead 5: LSI No Read Ahead 9: Not Applicable
Syntax	Integer
Access	Read-only

Table 1830. Virtual Disk Cache Policy

Name	virtualDiskCachePolicy
Object ID	1.3.6.1.4.1.674.10893.1.20.140.1.1.12
Description	Indicates whether the controller's cache is used when reading from or writing to a virtual disk. Possible values: 1: Direct I/O (LSI) 2: Cached I/O (LSI) 99: Not Applicable
Syntax	Integer
Access	Read-only

Table 1831. Virtual Disk Layout

Name	virtualDiskLayout
Object ID	1.3.6.1.4.1.674.10893.1.20.140.1.1.13
Description	Indicates the virtual disk's RAID type. Possible values: 1: Concatenated 2: RAID-0 3: RAID-1 7: RAID-5 8: RAID-6 10: RAID-10 12: RAID-50 19: Concatenated RAID 1 24: RAID-60 25: CacheCade
Syntax	Integer
Access	Read-only

Table 1832. Virtual Disk Current Stripe Size in Megabytes

Name	<code>virtualDiskCurStripeSizeInMB</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.140.1.1.14
Description	Identifies the stripe size of this virtual disk in megabytes. If this size is 0, it is smaller than a megabyte.
Syntax	Integer
Access	Read-only

Table 1833. Virtual Disk Current Stripe Size in Bytes

Name	<code>virtualDiskCurStripeSizeInBytes</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.140.1.1.15
Description	Identifies the portion of the stripe size in bytes that is smaller than a megabyte. This size plus the <code>virtualDiskCurStripeSizeInMB</code> is the total stripe size on the virtual disk.
Syntax	Integer
Access	Read-only

Table 1834. Virtual Disk Channel

Name	<code>virtualDiskChannel</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.140.1.1.16
Description	This entry is obsolete. This property is not supported by virtual disks managed under Storage Management.
Syntax	Integer
Access	Read-only

Table 1835. Virtual Disk Target ID

Name	<code>virtualDiskTargetID</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.140.1.1.17
Description	Unique ID for the virtual disk.
Syntax	Integer
Access	Read-only

Table 1836. Virtual Disk LUN ID

Name	<code>virtualDiskLunID</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.140.1.1.18
Description	This entry is obsolete. This property is not supported by virtual disks managed under Storage Management.

Syntax	Integer
Access	Read-only

Table 1837. Virtual Disk Roll-Up Status

Name	virtualDiskRollUpStatus
Object ID	1.3.6.1.4.1.674.10893.1.20.140.1.1.19
Description	Severity of the virtual disk state. This is the combined status of the virtual disk and its components. Possible values: 1: Other 2: Unknown 3: OK 4: Non-critical 5: Critical 6: Non-recoverable
Syntax	DellStatus
Access	Read-only

Table 1838. Virtual Disk Component Status

Name	virtualDiskComponentStatus
Object ID	1.3.6.1.4.1.674.10893.1.20.140.1.1.20
Description	The status of the virtual disk itself without the propagation of any contained component status. Possible values: 1: Other 2: Unknown 3: OK 4: Non-critical 5: Critical 6: Non-recoverable
Syntax	DellStatus
Access	Read-only

Table 1839. Virtual Disk Nexus ID

Name	virtualDiskNexusID
Object ID	1.3.6.1.4.1.674.10893.1.20.140.1.1.21
Description	Durable unique ID for this virtual disk.
Syntax	DisplayString
Access	Read-only

Table 1840. Virtual Disk Array Disk Type

Name	virtualDiskArrayDiskType
Object ID	1.3.6.1.4.1.674.10893.1.20.140.1.1.22
Description	Identifies the type of array (physical) disks used to create the virtual disk. Possible values: 1: SAS 2: SATA 3: SCSI 4: IDE 99: Unknown
Syntax	Integer
Access	Read-only

Table 1841. Virtual Disk Bad Blocks Detected

Name	virtualDiskBadBlocksDetected
Object ID	1.3.6.1.4.1.674.10893.1.20.140.1.1.23
Description	Indicates if virtual disk has bad blocks. Value: 0 - No, 1 - Yes, 2 - Not Applicable, 99 - Unknown
Syntax	Integer
Access	Read-only

Table 1842. Virtual Disk Encrypted

Name	virtualDiskEncrypted
Object ID	1.3.6.1.4.1.674.10893.1.20.140.1.1.24
Description	Indicates if virtual disk is encrypted. Value: 0 - No, 1 - Yes, 99 - Unknown
Syntax	Integer
Access	Read-only

Table 1843. Virtual Disk is CacheCade

Name	virtualDiskIsCacheCade
Object ID	1.3.6.1.4.1.674.10893.1.20.140.1.1.25
Description	Indicates if this virtual disk is configured as CacheCade. Value: 1 - Yes, 0 - No, 99 - Undetermined
Syntax	Integer
Access	Read-only

Table 1844. Virtual Disk Disk Cache Policy

Name	<code>virtualDiskDiskCachePolicy</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.140.1.1.26
Description	Indicates disk cache policy of the logical device. Value: 1 - Enabled, 2 - Disabled, 99 - Undetermined
Syntax	Integer
Access	Read-only

Array Disk Logical Connection Table

This table describes the connections between array disks, the virtual disk to which they belong, and their associated logical disk. For each object in the table, its object number corresponds to an instance number in the appropriate MIB table for that object where all of the object properties can be found.

The following object sets up the Array Disk Logical Connection Table.

Table 1845. Array Disk Logical Connection Table

Name	<code>arrayDiskLogicalConnectionTable</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.140.3
Description	Defines the array disk logical connection table.
Syntax	SEQUENCE OF <code>arrayDiskLogicalConnectionEntry</code>
Access	Not accessible

Table 1846. Array Disk Logical Connection Entry

Name	<code>arrayDiskLogicalConnectionEntry</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.140.3.1
Description	Defines the array disk logical connection table entry.
Syntax	<code>ArrayDiskLogicalConnectionEntry</code>
Access	Not accessible
Index	<code>arrayDiskLogicalConnectionNumber</code>

Table 1847. Array Disk Logical Connection Number

Name	<code>arrayDiskLogicalConnectionNumber</code>
Object ID	1.3.6.1.4.1.674.10893.1.20.140.3.1.1
Description	Identifies the instance number of the disk entry.
Syntax	Integer
Access	Read-only

Table 1848. Array Disk Logical Connection Array Disk Name

Name	arrayDiskLogicalConnectionArrayDiskName
Object ID	1.3.6.1.4.1.674.10893.1.20.140.3.1.2
Description	Identifies the name of the array disk in this logical connection.
Syntax	DisplayString
Access	Read-only

Table 1849. Array Disk Logical Connection Array Disk Number

Name	arrayDiskLogicalConnectionArrayDiskNumber
Object ID	1.3.6.1.4.1.674.10893.1.20.140.3.1.3
Description	Identifies the instance number of the array disk in this logical connection.
Syntax	Integer
Access	Read-only

Table 1850. Array Disk Logical Connection Virtual Disk Name

Name	arrayDiskLogicalConnectionVirtualDiskName
Object ID	1.3.6.1.4.1.674.10893.1.20.140.3.1.4
Description	Identifies the name of the virtual disk to which this array disk belongs.
Syntax	DisplayString
Access	Read-only

Table 1851. Array Disk Logical Connection Virtual Disk Number

Name	arrayDiskLogicalConnectionVirtualDiskNumber
Object ID	1.3.6.1.4.1.674.10893.1.20.140.3.1.5
Description	Identifies the instance number of the virtual disk to which this array disk belongs.
Syntax	Integer
Access	Read-only

Table 1852. Array Disk Logical Connection Disk Name

Name	arrayDiskLogicalConnectionDiskName
Object ID	1.3.6.1.4.1.674.10893.1.20.140.3.1.6
Description	Identifies the name of the disk group to which this array disk belongs. This property is currently not supported.
Syntax	DisplayString
Access	Read-only

Table 1853. Array Disk Logical Connection Disk Number

Name	arrayDiskLogicalConnectionDiskNumber
Object ID	1.3.6.1.4.1.674.10893.1.20.140.3.1.7
Description	Identifies the instance number of the disk group to which this array disk belongs. This property is currently not supported.
Syntax	Integer
Access	Read-only

Storage Management Event Group

The Storage Management Event Group defines the properties that are sent with SNMP traps.

Table 1854. Message ID Event

Name	messageIDEvent
Object ID	1.3.6.1.4.1.674.10893.1.20.200.1
Description	Storage Management event message number.
Syntax	Integer
Access	Read-only

Table 1855. Description Event

Name	descriptionEvent
Object ID	1.3.6.1.4.1.674.10893.1.20.200.2
Description	Storage Management event message text describing the alert.
Syntax	DisplayString
Access	Read-only

Table 1856. Location Event

Name	locationEvent
Object ID	1.3.6.1.4.1.674.10893.1.20.200.3
Description	Additional information identifying the location of the object causing the alert.
Syntax	DisplayString
Access	Read-only

Table 1857. Object Name Event

Name	objectNameEvent
Object ID	1.3.6.1.4.1.674.10893.1.20.200.4
Description	Name of the object as represented in Storage Management causing the alert.

Syntax	DisplayString
Access	Read-only

Table 1858. Object OID Event

Name	objectOIDEvent
Object ID	1.3.6.1.4.1.674.10893.1.20.200.5
Description	MIB OID of the object causing the alert.
Syntax	DisplayString
Access	Read-only

Table 1859. Object Nexus Event

Name	objectNexusEvent
Object ID	1.3.6.1.4.1.674.10893.1.20.200.6
Description	Durable, unique ID of the object causing the alert.
Syntax	DisplayString
Access	Read-only

Table 1860. Current Status Event

Name	currentStatusEvent
Object ID	1.3.6.1.4.1.674.10893.1.20.200.7
Description	Current status of object causing the alert, if applicable.
Syntax	DellStatus
Access	Read-only

Table 1861. Previous Status Event

Name	previousStatusEvent
Object ID	1.3.6.1.4.1.674.10893.1.20.200.8
Description	Previous status of object causing the alert if applicable.
Syntax	DellStatus
Access	Read-only

Change Management Group

The Change Management Group lets you monitor information about the Dell devices and software that are present on a particular managed computer chassis. This information is collected during an inventory scan.

Inventory Group

The following objects describe the fields for inventory information.

Table 1862. Inventory Locale

Name	<code>inventoryLocale</code>
Object ID	1.3.6.1.4.1.674.10899.1.1
Description	Defines the locale of the system.
Syntax	DisplayString
Access	Read-only

Table 1863. Inventory Schema Version

Name	<code>inventorySchemaVersion</code>
Object ID	1.3.6.1.4.1.674.10899.1.2
Description	Defines the inventory schema implemented by this system.
Syntax	DisplayString
Access	Read-only

Table 1864. Inventory System ID

Name	<code>inventorySystemID</code>
Object ID	1.3.6.1.4.1.674.10899.1.3
Description	Defines the System ID for the system.
Syntax	SystemID
Access	Read-only

Device Group

The Device Group defines information about the devices discovered on the system during an inventory scan. Identifying information includes the Component ID, the Device ID, and the Vendor ID.

Device Group Table

The following object sets up the Device Group Table.

Table 1865. Device Table

Name	deviceTable
Object ID	1.3.6.1.4.1.674.10899.1.5
Description	Defines the Device Table.
Syntax	SEQUENCE OF DeviceEntry
Access	Not accessible

Table 1866. Device Entry

Name	deviceEntry
Object ID	1.3.6.1.4.1.674.10899.1.5.1
Description	Defines a device entry.
Syntax	DeviceEntry
Access	Not accessible

Table 1867. Device Index

Name	deviceIndex
Object ID	1.3.6.1.4.1.674.10899.1.5.1.1
Description	Defines the unique index for this device.
Syntax	Unsigned16BitRange
Access	Read-only

Table 1868. Device Component ID

Name	deviceComponentID
Object ID	1.3.6.1.4.1.674.10899.1.5.1.2
Description	Defines an optional component ID field for the device.
Syntax	Integer
Access	Read-only

Table 1869. Device Display String

Name	deviceDisplayString
Object ID	1.3.6.1.4.1.674.10899.1.5.1.3
Description	Provides a displayable string that describes the device.
Syntax	DisplayString
Access	Read-only

Table 1870. Device Vendor ID

Name	deviceVendorID
Object ID	1.3.6.1.4.1.674.10899.1.5.1.4

Description	Defines the ID for the vendor supplying the device.
Syntax	Octet String
Access	Read-only

Table 1871. Device ID

Name	deviceDeviceID
Object ID	1.3.6.1.4.1.674.10899.1.5.1.5
Description	Defines the ID for the device.
Syntax	Octet String
Access	Read-only


Table 1872. Device Sub ID

Name	deviceSubID
Object ID	1.3.6.1.4.1.674.10899.1.5.1.6
Description	Provides additional device identification.
Syntax	Octet String
Access	Read-only

Table 1873. Device Sub Vendor ID

Name	deviceSubVendorID
Object ID	1.3.6.1.4.1.674.10899.1.5.1.7
Description	Provides additional vendor identification.
Syntax	Octet String
Access	Read-only

Application Group

 **NOTE:** Dell updateable components such as Basic input/output system (BIOS) and FirmWare (FW) are considered applications. For example, the following would be returned for system BIOS: `Application/DisplayString = BIOS Application/Version = A10`

The Application Group defines information about the applications discovered on the system during an inventory scan. Identifying information includes the application type, the application version, and the application description.

Application Group Table

The following object sets up the Application Group Table

Table 1874. Application Table

Name	applicationTable
Object ID	1.3.6.1.4.1.674.10899.1.6
Description	Defines a table of application information for the system.

Syntax	Defines a table of application information for the system.
Access	Not accessible

Table 1875. Application Entry

Name	applicationEntry
Object ID	1.3.6.1.4.1.674.10899.1.6.1
Description	Defines an application entry.
Syntax	ApplicationEntry
Access	Read-only

Table 1876. Application Index

Name	applicationIndex
Object ID	1.3.6.1.4.1.674.10899.1.6.1.1
Description	Defines the unique index for this application.
Syntax	Unsigned16BitRange
Access	Read-only

Table 1877. Application Device Index

Name	applicationDeviceIndex
Object ID	1.3.6.1.4.1.674.10899.1.6.1.2
Description	Defines a cross-index to the device table for the application.
Syntax	Unsigned16BitRange
Access	Read-only

Table 1878. Application Component Type

Name	applicationComponentType
Object ID	1.3.6.1.4.1.674.10899.1.6.1.3
Description	Identifies the type of application reported.
Syntax	DisplayString
Access	Read-only

Table 1879. Application Version

Name	applicationVersion
Object ID	1.3.6.1.4.1.674.10899.1.6.1.4
Description	Identifies the version of the application.
Syntax	DisplayString
Access	Read-only

Table 1880. Application Display String

Name	applicationDisplayString
Object ID	1.3.6.1.4.1.674.10899.1.6.1.5
Description	A user visible display string that describes the application.
Syntax	DisplayString
Access	Read-only

Table 1881. Application Sub-Component ID

Name	applicationSubComponentID
Object ID	1.3.6.1.4.1.674.10899.1.6.1.6
Description	The sub-component ID for the application. This is usually valid on ESM device reporting.
Syntax	DisplayString
Access	Read-only

Operating System Group

The Operating System Group provides status and identifying information about a system's operating system. Identifying information includes the name, version, and service pack of the installed operating system.

The following objects describe the fields for Operating System Group.

Inventory Collector Product Information

The following objects describe the fields for the Inventory Collector. The Inventory Collector product variables are scalar objects, meaning that they are not related to other Inventory Collector base (MIB) objects and are thus not placed in a table.

Dell Remote Access Controller Out-of-Band Group

The Dell Remote Access Controller Out-of-Band MIB contains information for both Chassis Management Controller (CMC) and RAC Legacy Alerting. This MIB consists of information for the following groups:

Product Information

The following MIB tables define the Dell RAC Out-of-Band group:

Table 1882. DRsProductName

Name	DRsProductName
Object ID	1.3.6.1.4.1.674.10892.2.1.1.1
Description	Defines the product name of a chassis management controller.
Syntax	DellString
Access	Read-only

Table 1883. DRsProductShortName

Name	DRsProductShortName
Object ID	1.3.6.1.4.1.674.10892.2.1.1.2
Description	Defines the short product name of a chassis management controller.
Syntax	DellString
Access	Read-only

Table 1884. DRsProductDescription

Name	DRsProductDescription
Object ID	1.3.6.1.4.1.674.10892.2.1.1.3
Description	Defines the product description of a chassis management controller.
Syntax	DellString
Access	Read-only

Table 1885. DRsProductManufacturer

Name	DRsProductManufacturer
Object ID	1.3.6.1.4.1.674.10892.2.1.1.4
Description	Defines the product manufacturer of a chassis management controller.
Syntax	DellString

Access Read-only

Table 1886. DRsProductVersion

Name DRsProductVersion
Object ID 1.3.6.1.4.1.674.10892.2.1.1.5
Description Defines the product version of a chassis management controller.
Syntax DellString
Access Read-only

Table 1887. DRsChassisServiceTag

Name DRsChassisServiceTag
Object ID 1.3.6.1.4.1.674.10892.2.1.1.6
Description Defines the Service Tag of the chassis.
Syntax DellString
Access Read-only

Table 1888. DRsProductURL

Name DrsProductURL
Object ID 1.3.6.1.4.1.674.10892.2.1.1.7
Description Defines the out-of-band UI URL of a chassis management controller.
Syntax DellString
Access Read-only

Table 1889. DRsProductChassisAssetTag

Name DRsProductChassisAssetTag
Object ID 1.3.6.1.4.1.674.10892.2.1.1.8
Description Defines the Asset Tag of the chassis.
Syntax DellString
Access Read-only

Table 1890. DRsProductChassisLocation

Name DRsProductChassisLocation
Object ID 1.3.6.1.4.1.674.10892.2.1.1.9
Description Defines the location of the chassis.
Syntax DellString
Access Read-only

Table 1891. DRsProductChassisName

Name	DRsProductChassisName
Object ID	1.3.6.1.4.1.674.10892.2.1.1.10
Description	Defines the name of the chassis.
Syntax	DellString
Access	Read-only

Table 1892. DRsSystemServiceTag

Name	DRsSystemServiceTag
Object ID	1.3.6.1.4.1.674.10892.2.1.1.11
Description	Defines the service tag of a system.
Syntax	DellString
Access	Read-only

Table 1893. DRsProductSystemAssetTag

Name	DRsProductSystemAssetTag
Object ID	1.3.6.1.4.1.674.10892.2.1.1.12
Description	Defines the asset tag of a system.
Syntax	DellString
Access	Read-only

Table 1894. DRsProductSystemSlot

Name	DRsProductSystemSlot
Object ID	1.3.6.1.4.1.674.10892.2.1.1.13
Description	Defines the slot number of a CMC.
Syntax	DellString
Access	Read-only

Table 1895. DRsProductType

Name	DRsProductType
Object ID	1.3.6.1.4.1.674.10892.2.1.1.14
Description	Defines type of a remote access card.
Syntax	DellRacType
Access	Read-only

Table 1896. DRsFirmwareVersion

Name	DRsFirmwareVersion
Object ID	1.3.6.1.4.1.674.10892.2.1.2.1

Description	Defines the firmware version of a chassis management controller.
Syntax	DellString
Access	Read-only

Chassis Status

The following MIB tables provide information on Chassis being monitored by the chassis management card.

Table 1897. DRsGlobalSystemStatus

Name	DRsGlobalSystemStatus
Object ID	1.3.6.1.4.1.674.10892.2.2.1
Description	Defines the overall chassis status being monitored by the chassis management card.
Syntax	DellStatus
Access	Read-only

Table 1898. DRsGlobalCurrStatus

Name	DRsGlobalCurrStatus
Object ID	1.3.6.1.4.1.674.10892.2.3.1.1
Description	Defines the overall chassis status being monitored by the chassis management card.
Syntax	DellStatus
Access	Read-only

Table 1899. DRsIOMCurrStatus

Name	DRsIOMCurrStatus
Object ID	1.3.6.1.4.1.674.10892.2.3.1.2
Description	Defines the IOM subsystem status being monitored by the chassis management card.
Syntax	DellStatus
Access	Read-only

Table 1900. DRsKVMCurrStatus

Name	DRsKVMCurrStatus
Object ID	1.3.6.1.4.1.674.10892.2.3.1.3
Description	Defines the iKVM subsystem health status being monitored by the chassis management card.
Syntax	DellStatus
Access	Read-only

Table 1901. DRsRedCurrStatus

Name	DRsRedCurrStatus
Object ID	1.3.6.1.4.1.674.10892.2.3.1.4
Description	Defines the redundancy status being monitored by the chassis management card.
Syntax	DellStatus
Access	Read-only

Table 1902. DRsPowerCurrStatus

Name	DRsPowerCurrStatus
Object ID	1.3.6.1.4.1.674.10892.2.3.1.5
Description	Defines the power subsystem health status being monitored by the chassis management card.
Syntax	DellStatus
Access	Read-only

Table 1903. DRsFanCurrStatus

Name	DRsFanCurrStatus
Object ID	1.3.6.1.4.1.674.10892.2.3.1.6
Description	Defines the fan subsystem health status being monitored by the chassis management card.
Syntax	DellStatus
Access	Read-only

Table 1904. DRsBladeCurrStatus

Name	DRsBladeCurrStatus
Object ID	1.3.6.1.4.1.674.10892.2.3.1.7
Description	Defines the blade subsystem health status being monitored by the chassis management card.
Syntax	DellStatus
Access	Read-only

Table 1905. DRsTempCurrStatus

Name	DRsTempCurrStatus
Object ID	1.3.6.1.4.1.674.10892.2.3.1.8
Description	Defines the temperature sensor subsystem health status being monitored by the chassis management card.
Syntax	DellStatus
Access	Read-only

Table 1906. DRsCMCCurrStatus

Name	DRsCMCCurrStatus
Object ID	1.3.6.1.4.1.674.10892.2.3.1.9
Description	Defines the CMC health status being monitored by the chassis management card.
Syntax	DellStatus
Access	Read-only

Table 1907. DRsChassisFrontPanelAmbientTemperature

Name	drsChassisFrontPanelAmbientTemperature
Object ID	1.3.6.1.4.1.674.10892.2.3.1.10
Description	Defines the ambient temperature reading (in degrees Celsius) for the chassis front panel controller.
Syntax	DellTemperatureReading
Access	Read-only

Table 1908. DRsCMAmbientTemperature

Name	drsCMAmbientTemperature
Object ID	1.3.6.1.4.1.674.10892.2.3.1.11
Description	Defines the ambient temperature reading (in degrees Celsius) for the chassis management card.
Syntax	DellTemperatureReading
Access	Read-only

Table 1909. DRsCMProcessorTemperature

Name	drsCMProcessorTemperature
Object ID	1.3.6.1.4.1.674.10892.2.3.1.12
Description	Defines the temperature reading (in degrees Celsius) for the chassis management card processor.
Syntax	DellTemperatureReading
Access	Read-only

Table 1910. DRsGlobalPrevStatus

Name	DRsGlobalPrevStatus
Object ID	1.3.6.1.4.1.674.10892.2.3.2.1
Description	Defines the previous chassis status recorded by the chassis management card.
Syntax	DellStatus
Access	Read-only

Table 1911. DRsIOMPrevStatus

Name	DRsIOMPrevStatus
Object ID	1.3.6.1.4.1.674.10892.2.3.2.2
Description	Defines the previous IOM subsystem status recorded by the chassis management card.
Syntax	DellStatus
Access	Read-only

Table 1912. DRsKVMPrevStatus

Name	DRsKVMPrevStatus
Object ID	1.3.6.1.4.1.674.10892.2.3.2.3
Description	Defines the previous iKVM subsystem health status recorded by the chassis management card.
Syntax	DellStatus
Access	Read-only

Table 1913. DRsRedPrevStatus

Name	DRsRedPrevStatus
Object ID	1.3.6.1.4.1.674.10892.2.3.2.4
Description	Defines the previous redundancy status recorded by the chassis management card.
Syntax	DellStatus
Access	Read-only

Table 1914. DRsPowerPrevStatus

Name	DRsPowerPrevStatus
Object ID	1.3.6.1.4.1.674.10892.2.3.2.5
Description	Defines the previous power subsystem health status recorded by the chassis management card.
Syntax	DellStatus
Access	Read-only

Table 1915. DRsFanPrevStatus

Name	DRsFanPrevStatus
Object ID	1.3.6.1.4.1.674.10892.2.3.2.6
Description	Defines the previous fan health status being monitored by the chassis management card.
Syntax	DellStatus
Access	Read-only

Table 1916. DRsBladePrevStatus

Name	DRsBladePrevStatus
Object ID	1.3.6.1.4.1.674.10892.2.3.2.7
Description	Defines the previous blade subsystem health status recorded by the chassis management card.
Syntax	DellStatus
Access	Read-only

Table 1917. DRsTempPrevStatus

Name	DRsTempPrevStatus
Object ID	1.3.6.1.4.1.674.10892.2.3.2.8
Description	Defines the temperature sensor health status being monitored by the chassis management card.
Syntax	DellStatus
Access	Read-only

Table 1918. DRsCMCPrevStatus

Name	DRsCMCPrevStatus
Object ID	1.3.6.1.4.1.674.10892.2.3.2.9
Description	Defines the CMC health status being monitored by the chassis management card.
Syntax	DellStatus
Access	Read-only

Table 1919. DRsGlobalChangeTime

Name	DRsGlobalChangeTime
Object ID	1.3.6.1.4.1.674.10892.2.3.3.1
Description	Defines the timestamp of the most recent global status change.
Syntax	TimeTicks
Access	Read-only

Table 1920. DRsIOMChangeTime

Name	DRsIOMChangeTime
Object ID	1.3.6.1.4.1.674.10892.2.3.3.2
Description	Defines the timestamp of the most recent IOM status change.
Syntax	TimeTicks
Access	Read-only

Table 1921. DRsKVMChangeTime

Name	DRsKVMChangeTime
Object ID	1.3.6.1.4.1.674.10892.2.3.3.3
Description	Defines the timestamp of the most recent iKVM status change.
Syntax	TimeTicks
Access	Read-only

Table 1922. DRsRedChangeTime

Name	DRsRedChangeTime
Object ID	1.3.6.1.4.1.674.10892.2.3.3.4
Description	Defines the timestamp of the most recent Redundancy status change.
Syntax	TimeTicks
Access	Read-only

Table 1923. DRsPowerChangeTime

Name	DRsPowerChangeTime
Object ID	1.3.6.1.4.1.674.10892.2.3.3.5
Description	Defines the timestamp of the most recent power health status change.
Syntax	TimeTicks
Access	Read-only

Table 1924. DRsFanChangeTime

Name	DRsFanChangeTime
Object ID	1.3.6.1.4.1.674.10892.2.3.3.6
Description	Defines the timestamp of the most recent fan health status change.
Syntax	TimeTicks
Access	Read-only

Table 1925. DRsBladeChangeTime

Name	DRsBladeChangeTime
Object ID	1.3.6.1.4.1.674.10892.2.3.3.7
Description	Defines the timestamp of the most recent blade health status change.
Syntax	TimeTicks
Access	Read-only

Table 1926. DRsTempChangeTime

Name	DRsTempChangeTime
Object ID	1.3.6.1.4.1.674.10892.2.3.3.8

Description	Defines the timestamp of the most recent temperature sensor health status change.
Syntax	TimeTicks
Access	Read-only

DRsCMCChangeTime

Name	DRsCMCChangeTime
Object ID	1.3.6.1.4.1.674.10892.2.3.3.9
Description	Defines the timestamp of the most recent CMC health status change.
Syntax	TimeTicks
Access	Read-only

Chassis Power

The following MIB tables provide information on the chassis management controller table entry.

Table 1927. DRsCMC Power Table

Name	DRsCMCPowerTable
Object ID	1.3.6.1.4.1.674.10892.2.4.1
Description	Defines the CMC power table.
Syntax	SEQUENCE OF DrsCMCPowerTableEntry
Access	Not-accessible

Table 1928. DRsCMC Power Table Entry

Name	DRsCMCPowerTableEntry
Object ID	1.3.6.1.4.1.674.10892.2.4.1.1
Description	Defines the CMC power table entry.
Syntax	DrsCMCPowerTableEntry
Access	Not-accessible

Table 1929. DRsCMC PSU Table

Name	DrsCMCPSU Table
Object ID	1.3.6.1.4.1.674.10892.2.4.2
Description	Defines the CMC PSU table.
Syntax	SEQUENCE OF DrsCMCPSU TableEntry
Access	Not-accessible

Table 1930. DRsCMC PSUTableEntry

Name	DrsCMCPSUTableEntry
Object ID	1.3.6.1.4.1.674.10892.2.4.2.1
Description	Defines the CMC PSU table entry.
Syntax	DrsCMCPSUTableEntry
Access	Not-accessible

CMC Power Information

The following MIB tables provide information on the chassis power.

Table 1931. DRsChassisIndex

Name	DrsChassisIndex
Object ID	1.3.6.1.4.1.674.10892.2.4.1.1.1
Description	Defines the index (one-based) of the associated chassis.
Syntax	DellCMCPowerIndexRange
Access	Read-only

Table 1932. DRsPotentialPower

Name	DRsPotentialPower
Object ID	1.3.6.1.4.1.674.10892.2.4.1.1.2
Description	Defines the power (in Watts) required by the chassis infrastructure, plus the sum of the maximum power requirements for all systems currently turned on.
Syntax	DellPowerReading
Access	Read-only

Table 1933. DRsIdlePower

Name	DRsIdlePower
Object ID	1.3.6.1.4.1.674.10892.2.4.1.1.3
Description	Defines the power (in Watts) required by the chassis infrastructure, plus the sum of the minimum power requirements for all systems currently turned on.
Syntax	DellPowerReading
Access	Read-only

Table 1934. DRsMaxPowerSpecification

Name	DRsMaxPowerSpecification
Object ID	1.3.6.1.4.1.674.10892.2.4.1.1.4
Description	Defines the power limit (in Watts) at which server throttling takes place.
Syntax	DellPowerReading
Access	Read-only

Table 1935. DRsPowerSurplus

Name	DRsPowerSurplus
Object ID	1.3.6.1.4.1.674.10892.2.4.1.1.5
Description	Defines the power surplus (in Watts) remaining above the drsPotentialPower reading.
Syntax	DellPowerReading
Access	Read-only

Table 1936. DRsKWhCumulative

Name	DRsKWhCumulative
Object ID	1.3.6.1.4.1.674.10892.2.4.1.1.6
Description	Defines the cumulative chassis power usage (in KWh) since last reset.
Syntax	DellPowerReading
Access	Read-only

Table 1937. DRsKWhCumulativeTime

Name	DRsKWhCumulativeTime
Object ID	1.3.6.1.4.1.674.10892.2.4.1.1.7
Description	Defines the timestamp of the most recent chassis power accumulator reset.
Syntax	DellTimestamp
Access	Read-only

Table 1938. DRsWattsPeakUsage

Name	DRsWattsPeakUsage
Object ID	1.3.6.1.4.1.674.10892.2.4.1.1.8
Description	Defines the chassis peak power usage (in Watts) since last reset.
Syntax	DellPowerReading
Access	Read-only

Table 1939. DRsWattsPeakTime

Name	DRsWattsPeakTime
Object ID	1.3.6.1.4.1.674.10892.2.4.1.1.9
Description	Defines the timestamp of the most recent chassis peak power usage.
Syntax	DellTimestamp
Access	Read-only

Table 1940. DRsWattsMinUsage

Name	DRsWattsMinUsage
Object ID	1.3.6.1.4.1.674.10892.2.4.1.1.10

Description	Defines the chassis minimum power usage (in Watts) since last reset.
Syntax	DellPowerReading
Access	Read-only

Table 1941. DRsWattsMinTime

Name	DRsWattsMinTime
Object ID	1.3.6.1.4.1.674.10892.2.4.1.1.11
Description	Defines the timestamp of the most recent chassis minimum power usage.
Syntax	DellPowerReading
Access	Read-only

Table 1942. DRsWattsResetTime

Name	DRsWattsResetTime
Object ID	1.3.6.1.4.1.674.10892.2.4.1.1.12
Description	Defines the timestamp of the most recent reset of the chassis minimum/maximum Watts readings.
Syntax	DellTimestamp
Access	Read-only

Table 1943. DRsWattsReading

Name	DRsWattsReading
Object ID	1.3.6.1.4.1.674.10892.2.4.1.1.13
Description	Defines the instantaneous chassis power usage (in Watts)
Syntax	DellPowerReading
Access	Read-only

Table 1944. DRsAmpsReading

Name	DRsAmpsReading
Object ID	1.3.6.1.4.1.674.10892.2.4.1.1.14
Description	Defines the instantaneous chassis current usage (in Watts).
Syntax	DellPowerReading
Access	Read-only

CMC PSU Information

The following MIB tables provide information on the chassis power supply unit.

Table 1945. DRsPSUChassisIndex

Name	DRsPSUChassisIndex
Object ID	1.3.6.1.4.1.674.10892.2.4.2.1.1

Description	Defines the index (one-based) of the associated chassis.
Syntax	DellCMCPowerIndexRange
Access	Read-only

Table 1946. DRsPSUIndex

Name	DRsPSUIndex
Object ID	1.3.6.1.4.1.674.10892.2.4.2.1.2
Description	Defines the index (one-based) of the associated CMC PSU.
Syntax	DellCMCPSUIndexRange
Access	Read-only

Table 1947. DRsPSULocation

Name	DRsPSULocation
Object ID	1.3.6.1.4.1.674.10892.2.4.2.1.3
Description	Defines the location of the CMC PSU.
Syntax	DellString
Access	Read-only

Table 1948. DRsPSUMonitoringCapable

Name	DRsPSUMonitoringCapable
Object ID	1.3.6.1.4.1.674.10892.2.4.2.1.4
Description	Defines the PSU Monitoring capabilities, or the absence of a PSU in this location.
Syntax	DellCMCPSUCapable
Access	Read-only

Table 1949. DRsPSUVoltsReading

Name	DRsPSUVoltsReading
Object ID	1.3.6.1.4.1.674.10892.2.4.2.1.5
Description	Defines the instantaneous PSU Voltage reading.
Syntax	DellPowerReading
Access	Read-only

Table 1950. DRsPSUAmpsReading

Name	DRsPSUAmpsReading
Object ID	1.3.6.1.4.1.674.10892.2.4.2.1.6
Description	Defines the instantaneous PSU Current reading.
Syntax	DellPowerReading
Access	Read-only

Table 1951. DRsPSUWattsReading

Name	DRsPSUWattsReading
Object ID	1.3.6.1.4.1.674.10892.2.4.2.1.7
Description	Defines the instantaneous PSU Wattage reading.
Syntax	DellPowerReading
Access	Read-only

Chassis Alert

The following MIB tables provide information on the chassis management controller alerts.

Table 1952. DRsCASubSystem

Name	DRsCASubSystem
Object ID	1.3.6.1.4.1.674.10892.2.20.10.1
Description	Defines the Sub-System Name of the CMC Alert.
Syntax	DellString
Access	Read-only

Table 1953. DrsCASSCurrStatus

Name	DrsCASSCurrStatus
Object ID	1.3.6.1.4.1.674.10892.2.20.10.2
Description	Defines the Current Status of the Alerting Sub-System.
Syntax	DellStatus
Access	Read-only

Table 1954. DrsCASSPrevStatus

Name	DrsCASSPrevStatus
Object ID	1.3.6.1.4.1.674.10892.2.20.10.3
Description	Defines the Previous Status of the Alerting Sub-System.
Syntax	DellStatus
Access	Read-only

Table 1955. DrsCASSChangeTime

Name	DrsCASSChangeTime
Object ID	1.3.6.1.4.1.674.10892.2.20.10.4
Description	Defines the timestamp of Most Recent Change of the Alerting Sub- System.
Syntax	TimeTicks
Access	Read-only

Table 1956. DrsCAMessage

Name	DrsCAMessage
Object ID	1.3.6.1.4.1.674.10892.2.20.10.5
Description	Defines the CSSD message of the CMC Alert.
Syntax	DellString
Access	Read-only

Legacy Alerting

The following MIB tables provide information on the RAC legacy alerting.

Table 1957. DRsAlertSystem

Name	DRsAlertSystem
Object ID	1.3.6.1.4.1.674.10892.2.5000.10.1
Description	Name of the system generating the alert.
Syntax	Octet String(SIZE (0..255))
Access	Read-only

Table 1958. DRsAlertTableIndexOID

Name	DRsAlertTableIndexOID
Object ID	1.3.6.1.4.1.674.10892.2.5000.10.2
Description	Alert Index Object Identifier.
Syntax	OBJECT IDENTIFIER
Access	Read-only

Table 1959. DRsAlertMessage

Name	DRsAlertMessage
Object ID	1.3.6.1.4.1.674.10892.2.5000.10.3
Description	Message describing the alert.
Syntax	Octet String (SIZE (0..1024))
Access	Read-only

Table 1960. DRsAlertCurrentStatus

Name	DRsAlertCurrentStatus
Object ID	1.3.6.1.4.1.674.10892.2.5000.10.4
Description	Current status of object causing the alert.
Syntax	DellStatus
Access	Read-only

Table 1961. DRsAlertPreviousStatus

Name	DRsAlertPreviousStatus
Object ID	1.3.6.1.4.1.674.10892.2.5000.10.5
Description	Previous status of object causing the alert.
Syntax	DellStatus
Access	Read-only

Table 1962. DRsAlertData

Name	DRsAlertData
Object ID	1.3.6.1.4.1.674.10892.2.5000.10.6
Description	Alert data
Syntax	Octet String (SIZE (0..1024))
Access	Read-only

SNMP Traps

SNMP is frequently used to monitor systems for fault conditions such as temperature violations, hard drive failures, and so on. Management applications can monitor for these conditions by polling the appropriate OIDs with the Get command and analyzing the returned data. This method has its drawbacks. If it is done frequently, significant amounts of network bandwidth can be consumed. If it is done infrequently, the response to the fault condition may not occur in a timely fashion. SNMP traps avoid these limitations of the polling method.

An SNMP trap is an asynchronous event indicating that something significant has occurred. This is analogous to a pager receiving an important message, except that the SNMP trap frequently contains all the information needed to diagnose a fault.

Two drawbacks to SNMP traps are that they are sent using UDP, which is not a guaranteed delivery mechanism, and that they are not acknowledged by the receiver.

An SNMP trap message contains the trap's enterprise OID, the agent IP address, a generic trap ID, the specific trap ID, a time stamp, and zero or more variable bindings (varbinds). The combination of an enterprise OID and a specific trap ID uniquely identifies each Server Administrator-defined trap. A varbind consists of an OID and its value and provides additional information about the trap.

In order for a management system to receive SNMP traps from a managed system, the node must be configured to send traps to the management system. Trap destination configuration is dependent on the operating system. When this configuration is done, a management application on the management system can wait for traps and act on them when received.

For a list of traps supported by the Server Administrator Instrumentation Service, see Instrumentation Traps. For information on Server Administrator Storage Management traps, see Storage Management Alert Reference.

For a list of traps supported by the Remote Access Controller, see RAC Traps, BMC Traps and iDRAC7 Traps.

Trap Variables

This section describes the variables both on Traditional and Enhanced varbinds that are sent to the management console to provide additional information about a trap or alert generated by some event on your system. The trap variables presented here apply to all Instrumentation and RAC traps. Trap variables are sent in the order listed and are reserved for use only in traps. When a varbind is created for a trap variable, a zero is appended to the object ID (OID) to create the OID for the varbind.

The messages associated with each alertMessage varbind are available in the *Message Reference Guide* and can be found by matching the alert ID in the MIB to the event ID in the *Message Reference Guide*.

Table 1963. Trap Variables

Variable Name	alertSystem
Object ID	1.3.6.1.4.1.674.10892.1.5000.10.1
Description	Identifies the system generating the alert.
Syntax	DisplayString

Table 1964. Table Index OID

Variable Name	alertTableIndexOID
Object ID	1.3.6.1.4.1.674.10892.1.5000.10.2
Description	Specifies the object identifier for the index attribute in the table that contains the object causing the alert. Uniquely identifies the object causing the alert and can be used to correlate different alerts caused by the same object.
Syntax	OBJECT IDENTIFIER

Table 1965. Message

Variable Name	alertMessage
Object ID	1.3.6.1.4.1.674.10892.1.5000.10.3
Description	Describes the alert.
Syntax	DisplayString

Table 1966. Current Status

Variable Name	alertCurrentStatus
Object ID	1.3.6.1.4.1.674.10892.1.5000.10.4
Description	Specifies the current status of the object causing the alert.
Syntax	DellStatus

Table 1967. Previous Status

Variable Name	alertPreviousStatus
Object ID	1.3.6.1.4.1.674.10892.1.5000.10.5
Description	Specifies the previous status of the object causing the alert.
Syntax	DellStatus

Table 1968. Data

Variable Name	alertData
Object ID	1.3.6.1.4.1.674.10892.1.5000.10.6
Description	Provides Server Administrator-defined data related to the alert.
Syntax	Octet String

The following variables show the Enhanced varbinds:

Table 1969. Message ID

Variable Name	alertMsgID
Object ID	1.3.6.1.4.1.674.10892.4.5000.10.7
Description	Specifies the enhanced message ID for the object generating the alert.

Syntax DisplayString

Table 1970. System FQDN

Variable Name alertSystemFQDN
Object ID 1.3.6.1.4.1.674.10892.4.5000.10.8
Description Specifies fully qualified domain name of the system generating the alert.
Syntax DisplayString

Table 1971. Service Tag

Variable Name alertServiceTag
Object ID 1.3.6.1.4.1.674.10892.4.5000.10.9
Description Specifies the system service tag of the system generating the alert.
Syntax DisplayString

Table 1972. Chassis Service Tag

Variable Name alertChassisServiceTag
Object ID 1.3.6.1.4.1.674.10892.4.5000.10.10
Description Specifies the chassis service tag of the system generating the alert.
Syntax DisplayString

Understanding The Trap Description

The below table lists in alphabetical order each line item that may appear in the trap description.

Table 1973. Trap Description

Description Line Item	Explanation
Action performed was: <Action>	Specifies the automatic server recovery action that was performed, for example: Action performed was: Power cycle
Action requested was: <Action>	Specifies the user initiated host control action that was requested, for example: Action requested was: Reboot, shutdown OS first
Additional details: <Additional details for the events>	Specifies possible additional details about the specified device, for example: Additional details: Memory device: DIMM_1A Serial number: 11111111 Memory device: DIMM_1B Serial number: 22222222
<Additional power supply status information>	Specifies any additional power supply information pertaining to the event, for example: Power supply input AC is off, Power supply POK (power OK) signal is not normal, Power supply is turned off
Battery sensor status: <status>	Specifies the status reported by the battery sensor, for example: Battery sensor status: Predictive failure

Description Line Item	Explanation
Chassis intrusion state: <Intrusion state>	Specifies the chassis intrusion state (open or closed), for example: Chassis intrusion state: Open
Chassis location: <Name of chassis>	Specifies the name of the chassis that generated the message, for example: Chassis location: Main System Chassis
Configuration error type: <type of configuration error>	Specifies the type of configuration error that occurred, for example: Configuration error type: Revision mismatch
Current sensor value (in Amps): <Reading>	Specifies the current sensor value in amps, for example: Current sensor value: 7.853
Date and time of action: <Date and time>	Specifies the date and time that an automatic server recovery action was performed, for example: Date and time of action: Fri May 30 23:55:44 2003.
Description: <Description of event>	Specifies the description of the event that occurred, for example: Description: Chipset Err: Critical Event sensor, front panel NMI / diagnostic interrupt was asserted.
Device location: <Location in chassis>	Specifies the location of the device in the specified chassis, for example: Device location: Mem Card A
Discrete current state: <State>	Specifies the state of the current sensor, for example: Discrete current state: Good
Discrete temperature state: <State>	Specifies the state of the temperature sensor, for example: Discrete temperature state: Good
Discrete voltage state: <State>	Specifies the state of the voltage sensor, for example: Discrete voltage state: Good
Fan sensor value: <Reading>	Specifies the fan speed in revolutions per minute (RPMs) or On/Off, for example: Fan sensor value (in RPM): 2600 Fan sensor value: Off
Log type: <Log type>	Specifies the type of hardware log, for example: Log type: Embedded Server Management (ESM)
Memory device bank location: <Bank name in chassis>	Specifies the name of the memory bank in the system that generated the message, for example: Memory device bank location: Bank_1
Memory device location: <Device name in chassis>	Specifies the location of the memory module in the chassis, for example: Memory device location: DIMM_A
Number of devices required for full redundancy: <Number>	Specifies the number of power supply or cooling devices required to achieve full redundancy, for example: Number of devices required for full redundancy: 4
Peak value (in Watts): <Reading>	Specifies the peak value in Watts, for example: Peak value (in Watts): 125

Description Line Item	Explanation
Possible memory module event cause: <list of causes>	Specifies a list of possible causes for the memory module event, for example: Possible memory module event cause: Single bit warning error rate exceeded Single bit error logging disabled
Power Supply type: <type of power supply>	Specifies the type of power supply, for example: Power Supply type: VRM
Pre-failure state was: <State>	Specifies the status of the previous memory message, for example: Pre-failure state was: Failed
Previous redundancy state was: <State>	Specifies the status of the previous redundancy message, for example: Previous redundancy state was: Lost
Previous state was: <State>	Specifies the previous state of the sensor, for example: Previous state was: OK (Normal)
Processor sensor status: <status>	Specifies the status of the processor sensor, for example: Processor sensor status: Configuration error
Redundancy unit: <Redundancy location in chassis>	Specifies the location of the redundant power supply or cooling unit in the chassis, for example: Redundancy unit: Fan Enclosure
SD card device type: <Type of SD card device>	Specifies the type of SD card device, for example: SD card device type: Hypervisor
SD card state: <State of SD card>	Specifies the state of the SD card, for example: SD card state: Present, Failed
Sensor location: <Location in chassis>	Specifies the location of the sensor in the specified chassis, for example: Sensor location: CPU1
Temperature sensor value (in degrees Celsius): <Reading>	Specifies the temperature in degrees Celsius, for example: Temperature sensor value (in degrees Celsius): 30
Voltage sensor value (in Volts): <Reading>	Specifies the voltage sensor value in volts, for example: Voltage sensor value: 1.693

Understanding Trap Severity

Traps often contain information about values recorded by probes or sensors. Probes and sensors monitor critical components for values such as amperage, voltage, and temperature. When an event occurs on your system, the Server Administrator sends information about one of the following event types to the system management console:

- **Information/Informational**—An event that describes the successful operation of a unit, such as a power supply turning on or a sensor reading returning to normal.
- **Warning**— An event that is not necessarily significant, but may indicate a possible future problem, such as crossing a warning threshold.
- **Critical/Error**— A significant event that indicates actual or imminent loss of data or loss of function, such as crossing a failure threshold or a hardware failure.

RAC Traps

This section describes the traps that are generated by the SNMP agent of the Remote Access Controller (RAC). All of the enterprise-specific traps documented in this section belong to the MIB enterprise identified by OID 1.3.6.1.4.1.674.10892.2 and are sent with all of the trap variables documented in the section [Traps](#). The trap variables are sent in the order in which they are listed.

TrapID	Name	Description	Severity	Category	Cause	Supported by RAC Platform
0	CodeStart	SNMP agent is initializing itself	Information	Status	RAC power on or reset.	All
1	Authentication	Failure Request received with an invalid community name	Critical	Error	SNMP request with an invalid community name.	All
1001	alertDrscTest TrapEvent	The RAC generated a test trap event in response to a user request	Information	Status	A test SNMP trap generated by a RAC.	All
1002	alertDrscAuth Error	RAC Authentication failures during a time period have exceeded a threshold	Minor	Error	RAC login failure caused by authentication failure, number of concurrent logins exceed limit, or permission denied.	All
1003	alertDrscLost ESM	The RAC cannot communicate with the baseboard management controller (ESM)	Critical	Error	RAC lost communication with ESM.	Dell Remote Access Controller (DRAC) III
1004	alertDrscFound ESM	The RAC is communicating normally with the baseboard management controller (ESM)	Information	Error	RAC recovered communication with ESM.	DRAC III
1005	alertDrscPower Off	The RAC has detected a system power state change to powered-off	Critical	Error	RAC detected a system power state change to power-off.	DRAC III

TrapID	Name	Description	Severity	Category	Cause	Supported by RAC Platform
1006	alertDrscPower On	The RAC has detected a system power state change to powered-on	Information	Error	RAC detected a system power state change to power-on.	DRAC III
1007	alertDrsc	Watchdog Expired The RAC has detected that the system watchdog has expired indicating a system hang	Critical	Event	RAC has detected the system watchdog expired (normally indicating a system hang).	DRAC III
1008	alertDrscBattery Low	The RAC Battery charge is below 25% indicating that the battery may only be able to power the DRSC for 8-10 minutes	Minor	Error	RAC detected its battery charge is below 25% full.	DRAC III
1009	alertDrscTemp	Normal The RAC Temperature probe has returned to a normal value	Information	Status	RAC temperature probe reading returned to normal.	DRAC III
1010	alertDrscTemp	Warning The RAC Temperature probe has detected a Warning value	Minor	Status	RAC temperature probe reading exceeded warning threshold.	DRAC III
1011	alertDrscTemp	Critical The RAC Temperature probe has detected a failure (or critical) value	Critical	Error	RAC temperature probe reading exceeded critical threshold.	DRAC III
1012	alertDrscVoltage	Normal The RAC voltage has returned to a normal value	Information	Error	RAC voltage probe reading returns to normal.	DRAC III
1013	alertDrscVoltage	Warning The RAC voltage	Minor	Error	RAC voltage probe reading exceeded warning threshold.	DRAC III

TrapID	Name	Description	Severity	Category	Cause	Supported by RAC Platform
		probe has detected a warning value				
1014	alertDrscVolt	Critical The RAC voltage probe has detected a failure (or critical) value	Critical	Error	RAC voltage probe reading exceeded critical threshold.	DRAC III
1015	alertDrscSEL	Warning The RAC has detected a new event in the System Event Log with Severity: Warning	Major	Error	RAC detected a new system event log with warning severity (detailed log info is in drsAlert Message varbind).	All
1016	alertDrscSEL	Critical The RAC has detected a new event in the System Event Log with Severity: Critical	Critical	Error	RAC detected a new system event log with critical severity (detailed log info is in drsAlert Message varbind).	All
1017	alertDrscSEL 80 percentFull	The RAC system event log is 80% full	Major	Status	RAC detected system event log is 80% full.	All
1018	alertDrscSEL 90 percentFull	The RAC system event log is 90% full	Major	Status	RAC detected system event log is 90% full.	All
1018	alertDrscSEL 90 percentFull	The RAC system event log is 90% full	Major	Status	RAC detected system event log is 90% full.	All
1020	alertDrscSEL Normal	The RAC has detected a new event in the System Event Log with Severity: Normal	Information	Error	RAC detected a new system event log with normal severity (detailed log info is in drsAlert Message varbind).	All

BMC Traps

The BMC monitors the system for critical events by communicating with various sensors on the system board and by sending alerts and log events when certain parameters exceed their preset thresholds. All of the traps documented in this section belong to the MIB enterprise identified by OID 1.3.6.1.4.1.3183.1.1.1.

TrapID	Description	Severity
262402	Generic Critical Fan Failure	Critical
262530	Generic Critical Fan Failure Cleared	Information
131330	Under-Voltage Problem (Lower Critical - going low)	Critical
131458	Under-Voltage Problem Cleared	Information
131841	Generic Critical Voltage Problem	Critical
131840	Generic Critical Voltage Problem Cleared	Information
65792	Under-Temperature Warning (Lower non-critical, going low)	Warning
65920	Under-Temperature Warning Cleared	Information
65794	Under-Temperature Problem (Lower Critical - going low)	Critical
65922	Under-Temperature Problem Cleared	Information
65799	Over-Temperature warning (Upper non-critical, going high)	Minor
65927	Over-Temperature warning Cleared	Information
65801	Over-Temperature Problem (Upper Critical - going high)	Critical
65929	Over-Temperature Problem Cleared	Information
131328	Under-Voltage Warning (Lower Non Critical - going low)	Warning
131456	Under-Voltage Warning Cleared	Information
131330	Under-Voltage Problem (Lower Critical - going low)	Critical
131458	Under-Voltage Problem Cleared	Information
131335	Over-Voltage Warning (Upper Non Critical - going high)	Warning
131463	Over-Voltage Warning Cleared	Information
131337	Over-Voltage Problem (Upper Critical - going high)	Critical
131465	Over-Voltage Problem Cleared	Information
131841	Generic Critical Voltage Problem	Critical
131840	Generic Critical Voltage Problem Cleared	Information
356096	Chassis Intrusion - Physical Security Violation	Critical

TrapID	Description	Severity
356224	Chassis Intrusion (Physical Security Violation) Event Cleared	Information
262400	Generic Predictive Fan Failure (predictive failure asserted)	Minor
262528	Generic Predictive Fan Failure Cleared	Information
262402	Generic Critical Fan Failure	Critical
262530	Generic Critical Fan Failure Cleared	Information
264962	Fan redundancy has been degraded	Warning
264961	Fan Redundancy Lost	Critical
264960	Fan redundancy has returned to Normal	Information
2715392	Battery Low (Predictive Failure)	Warning
2715520	Battery Low (Predictive Failure) Cleared	Information
2715393	Battery Failure	Critical
2715521	Battery Failure Cleared	Information
487169	CPU Thermal Trip (Over Temperature Shutdown)	Critical
487297	CPU Thermal Trip (Over Temperature Shutdown) Cleared	Information
487168	CPU Internal Error Critical 487296 CPU Internal Error Cleared	Information
487173	CPU Configuration Error	Critical
487301	CPU Configuration Error Cleared	Information
487175	CPU Presence (Processor Presence detected)	Information
487303	CPU Not Present (Processor Not Present)	Critical
487170	CPU BIST (Built In Self Test) Failure	Critical
487298	CPU BIST (Built In Self Test) Failure Cleared	Information
487176	CPU Disabled (Processor Disabled)	Critical
487304	CPU Enabled (Processor Enabled)	Information
487178	CPU Throttle (Processor Speed Reduced)	Warning

TrapID	Description	Severity
487306	CPU Throttle Cleared (Normal Processor Speed)	Information
527106	Power Supply Redundancy Degraded	Warning
527105	Power Supply Redundancy Lost	Critical
527104	Power Supply Redundancy has returned to Normal	Information
552704	Power Supply Inserted	Information
552832	Power Supply Removed	Warning
552705	Power Supply Failure	Critical
552833	Power Supply Failure Cleared	Information
552706	Power Supply Warning	Warning
552834	Power Supply Warning Cleared	Information
552707	Power Supply AC Lost	Critical
552835	Power Supply AC Restored	Information
789249	Memory Redundancy has been Lost	Critical
789248	Memory redundancy has returned to Normal	Information
1076994	System Event Log (SEL) Cleared	Information
1076996	System Event Log (SEL) Full (Logging Disabled)	Critical
2322176	ASR (Automatic System Recovery) Timer Expired	Critical
2322177	ASR (Automatic System Recovery) Reset Occurred	Critical
2322178	ASR (Automatic System Recovery) Power Down Occurred	Critical
2322179	ASR (Automatic System Recovery) Power Cycle Occurred	Critical


Storage Management Alert Reference

Storage Management's alert or event management features let you monitor the health of storage resources such as controllers, connectors, array disks, and virtual disks.

Alert Monitoring and Logging

The Storage Management Service performs alert monitoring and logging. By default, the Storage Management Service starts when the managed system starts up. If you stop the Disk Management Service, then alert monitoring and logging stops. Alert monitoring does the following:

- Updates the status of the storage object that generated the alert.
- Propagates the storage object's status to all the related higher objects in the storage hierarchy. For example, the status of a lower-level object are propagated up to the status displayed on the Health tab for the top-level storage object.
- Logs an alert into the Alert log and Microsoft Windows application log.
- Sends an Simple Network Management Protocol (SNMP) trap if the operating system's SNMP service is installed and enabled.

 **NOTE:** Storage Management does not log alerts regarding the data I/O path. These alerts are logged by the respective RAID drivers in the system alert log.

Viewing Alerts

Storage Management generates alerts that are added to the Windows application alert log and to the Server Administrator Alert log. To view these alerts in Server Administrator:

1. Select the **System** object in the tree view.
2. Select the **Logs** tab.
3. Select the **Alert** subtab.

You can also view these alerts in the Windows Event Viewer. Every alert consists of the following:

- **Severity** — Shows the severity of alert.
- **Date and Time** — Date and time when Storage Management logged the alert.
- **Description** — A brief description of the alert. To expand or collapse the alert description, click the **Description** column heading.

Alert Severity Levels


Each alert message in the Storage Management alert log has a severity level which indicates the nature of the alert and is displayed in the **Severity** field of the alert message. The severity level indicates the nature of the alert.

Table 1974. Storage Management Alert Severity

Alert Severity	Component Status
OK/Normal/Informational	No action is required. The alert is provided for informational purposes and does not indicate an error condition. For example, the alert may indicate the normal start or stop of an operation.
Warning/Non-critical	A component requires attention. This alert indicates a potential problem, but does not necessarily mean that the system has currently lost data or is nonfunctional. For example, a Warning/Non-critical alert may indicate that a component (such as a temperature probe in an enclosure) has crossed a warning threshold.
Critical/Failure/Error	A component has either failed or failure is imminent. This alert indicates a serious problem such as data loss or a loss of function. For example, a Critical/Failure/Error alert may indicate that an array disk has failed.

SNMP Support for Storage Management Alerts

By default, Storage Management installs SNMP trap forwarding support. For this support to function, you should have SNMP installed on the managed system prior to installing Storage Management.

 **NOTE:** For more information on installation requirements and SNMP, see the *Server Administrator* documentation.

SNMP Trap Forwarding


The Storage Management alerts are displayed in the Server Administrator alert log and are forwarded to the Windows application alert log. If you have SNMP installed on the managed system (and the SNMP service is running), the Storage Management alerts in the Windows application alert log are forwarded as SNMP traps. In order for these traps to be viewable, however, a target system or application must be configured to receive these traps. SNMP traps that are generated by Storage Management can be viewed in any standard SNMP-compatible enterprise management console.

The Windows SNMP service must be configured to forward the SNMP traps to the target system or application. When forwarding to an application, the application should also be configured to receive the SNMP traps. The IT Assistant application is already configured to receive the SNMP traps generated by Storage Management.

See Windows operating system documentation for information on configuring the operating system to forward SNMP traps. This information may be located under such topics as **Setting up SNMP** or **SNMP traps**. When configuring SNMP for Windows, be sure that the SNMP traps are forwarded to the correct server. For information on configuring an application to receive SNMP traps, see the documentation for that application.

SNMP Trap Definitions

The Storage Management information base (MIB) defines the SNMP traps that Storage Management generates. These traps correspond to the alerts documented in the Alert Descriptions and Corrective Actions section. The MIB is located in `..\sm\mibs\dcstorag.mib`, a subdirectory of the Storage Management installation directory.

 **NOTE:** Storage Management supports trap forwarding on both 32-bit and 64-bit operating systems.

Trap Variables

The Storage Management SNMP traps use a set of variables that are included with every trap. Below mentioned variables are the Traditional Varbinds:

Table 1975. Message ID Event

Name	messageIDEvent
Object ID	1.3.6.1.4.1.674.10893.1.20.200.1
Description	Storage Management alert (event) message number.
Syntax	INTEGER
Access	Read-only

Table 1976. Description Event

Name	descriptionEvent
Object ID	1.3.6.1.4.1.674.10893.1.20.200.2
Description	Storage Management event message text describing the alert.
Syntax	DisplayString
Access	Read-only

Table 1977. Location Event

Name	locationEvent
Object ID	1.3.6.1.4.1.674.10893.1.20.200.3
Description	Additional information identifying the location of the object causing the alert.
Syntax	DisplayString
Access	Read-only

Table 1978. Object Name Event

Name	objectNameEvent
Object ID	1.3.6.1.4.1.674.10893.1.20.200.4
Description	Name of the object as represented in Storage Management causing the alert.
Syntax	DisplayString
Access	Read-only

Table 1979. Object OID Event

Name	objectOIDEvent
Object ID	1.3.6.1.4.1.674.10893.1.20.200.5
Description	MIB OID of the object causing the alert.

Syntax	DisplayString
Access	Read-only

Table 1980. Object Nexus Event

Name	objectNexusEvent
Object ID	1.3.6.1.4.1.674.10893.1.20.200.6
Description	Durable, unique ID of the object causing the alert.
Syntax	DisplayString
Access	Read-only

Table 1981. Current Status Event

Name	currentStatusEvent
Object ID	1.3.6.1.4.1.674.10893.1.20.200.7
Description	Current status of object causing the alert, if applicable.
Syntax	DellStatus
Access	Read-only

Table 1982. Previous Status Event

Name	previousStatusEvent
Object ID	1.3.6.1.4.1.674.10893.1.20.200.8
Description	Previous status of object causing the alert if applicable.
Syntax	DellStatus
Access	Read-only

The below table shows the new enhanced mode varbinds which would be available in the EEMI were the user can get both Traditional and Enhanced varbinds :

Table 1983. Enhanced Message ID Event

Name	enhancedMessageIDEvent
Object ID	1.3.6.1.4.1.674.10893.1.20.200.9
Description	Enhanced Message ID of object causing the alert if applicable.
Syntax	DisplayString
Access	Read-only

Table 1984. Enhanced System FQDN Event

Name	systemFQDNEvent
Object ID	1.3.6.1.4.1.674.10893.1.20.200.10

Description	Hostname of object causing the alert if applicable.
Syntax	DisplayString
Access	Read-only

Table 1985. Enhanced Service Tag Event

Name	serviceTagEvent
Object ID	1.3.6.1.4.1.674.10893.1.20.200.11
Description	Service Tag of object causing the alert if applicable.
Syntax	DisplayString
Access	Read-only

Table 1986. Enhanced Chassis Service Tag Event

Name	chassisServiceTagEvent
Object ID	1.3.6.1.4.1.674.10893.1.20.200.12
Description	Chassis Service Tag of object causing the alert if applicable.
Syntax	DisplayString
Access	Read-only

Viewing SNMP Traps

SNMP traps that are generated by Storage Management can be viewed in any standard SNMP-compatible enterprise management console. These traps are defined in the Storage Management MIB. These traps correspond to the alerts documented in the [Alert Descriptions and Corrective Actions](#) section. For more information on the MIB and its structure, as well as a change history of the SNMP traps, see the [Introduction](#) section. For more information on configuring SNMP, see [Support for Storage Management Alerts](#).


Alert Descriptions and Corrective Actions

The alerts generated by the redundant array of independent disks (RAID) or Small Computer System Interface (SCSI) controllers and supported by Storage Management are displayed in the Server Administrator Alert subtab or through Windows Event Viewer. These alerts can also be forwarded as SNMP traps to other applications.

SNMP traps that are generated for the alerts are included in the Storage Management MIB. The SNMP traps for these alerts use all of the SNMP trap variables. For the list of storage management alerts and storage management messages, see the *Dell OpenManage Server Administrator Messages Reference Guide* available on the Dell Support website at dell.com/support/manuals.

iDRAC7 MIB

The Integrated Dell Remote Access Controller (iDRAC) MIB (filename **iDRAC-SMIv1.mib/ iDRAC-SMIv2.mib**) is the MIB supported by the Integrated Dell Remote Access Controller 7 (iDRAC7). This MIB provides management data that allows you to monitor devices and software on a system via an out-of-band connection to the iDRAC7 of a system.

 **NOTE:** As of iDRAC7 firmware release r1.30.30 (which corresponds to the release of Dell OpenManage Server Administrator Version 7.2), the iDRAC7 MIB file is published in both types of SMI (Structure of Managed Information) notations: SMIv1 and SMIv2. The SMIv1 copy of the iDRAC7 MIB file is named iDRAC-SMIv1.mib. And the SMIv2 copy is named iDRAC-SMIv2.mib. Prior to iDRAC7 firmware release r1.30.30, only a SMIv1 copy was published. And the file name of the SMIv1 copy was **iDRAC-MIB.txt**

Supported Systems

The iDRAC7 MIB is supported on the following systems:

Blade Servers

- PowerEdge M420
- PowerEdge M520
- PowerEdge M620
- PowerEdge M820

Rack and Tower Servers

- PowerEdge R320
- PowerEdge R420
- PowerEdge R520
- PowerEdge R620
- PowerEdge R720
- PowerEdge R720XD
- PowerEdge R820
- PowerEdge T320
- PowerEdge T420
- PowerEdge T620

iDRAC7 Supported SNMP Versions

The following table identifies the SNMP version(s) that are supported by iDRAC7 for the given SNMP operations.

SNMP Operations


GET, GETNEXT, GETBULK


TRAP

Supported SNMP version

SNMP v1 , v2c and v3

SNMP v1 and SNMP v2c

 **NOTE:** iDRAC7 does not support the SNMP SET operation for any data

 **NOTE:** As of iDRAC7 firmware release r1.30.30, iDRAC7 supports SNMP query operations (GET, GETNEXT, GETBULK) via the SNMPv3 protocol, in addition to supporting query operations via the SNMP v1 and SNMP v2c protocols. More specifically, iDRAC7 now supports the SNMP User Security Model (USM).

iDRAC7 SNMP Data Security Features

As of iDRAC7 firmware release r1.30.30, iDRAC7 supports the following data security features:

- SNMP security lockout feature
 - iDRAC7 supports a simply, non-configurable SNMP security lockout feature. If more than six SNMPv3 USM authentication failures occur within a 2 minute window, then the iDRAC7 SNMP Agent will block all subsequent SNMPv3 requests/queries for 10 minutes.
- Restriction of access to “sensitive” data
 - Some of the MIB data that iDRAC7 supports can only be accessed via SNMPv3 queries. Access to such data is blocked for SNMPv1 and SNMPv2c queries.
 - Currently, the following one attribute, and one table, are considered to be “sensitive” data and have this restriction:
 - * numLCLogEntries (which has an SNMP OID of: 1.3.6.1.4.1.674.10892.5.4.300.2.0)
 - * lcLogTable (which has an SNMP OID of: 1.3.6.1.4.1.674.10892.5.4.300.90)

iDRAC7 Out-of-Band Group

The objects of the Integrated Dell Remote Access Controller (iDRAC) MIB (**iDRAC-MIB.txt**) are organized into subgroups of the iDRAC7 Out-of-Band Group. The subgroups are:

- RAC Information Group
- Chassis Information Group
- System Information Group
- Status Group
- System Details Group
- Storage Details Group

The following sections document the subgroups and the objects within each subgroup.

RAC Information Group

The RAC Information Group objects provide information about the iDRAC.

Table 1987. RAC Name

Name	racName
Object ID	1.3.6.1.4.1.674.10892.5.1.1.1.0

Description	This attribute defines the product name of a remote access card.
Syntax	StringType
Access	Read-only

Table 1988. RAC Name

Name	racShortName
Object ID	1.3.6.1.4.1.674.10892.5.1.1.2.0
Description	This attribute defines the short product name of a remote access card.
Syntax	StringType
Access	Read-only

Table 1989. RAC Description

Name	racDescription
Object ID	1.3.6.1.4.1.674.10892.5.1.1.3.0
Description	This attribute defines the product description of a remote access card.
Syntax	StringType
Access	Read-only

Table 1990. RAC Manufacturer

Name	racManufacturer
Object ID	1.3.6.1.4.1.674.10892.5.1.1.4.0
Description	This attribute defines the product manufacturer of a remote access card.
Syntax	StringType
Access	Read-only

Table 1991. RAC Version

Name	racVersion
Object ID	1.3.6.1.4.1.674.10892.5.1.1.5.0
Description	This attribute defines the product version of a remote access card.
Syntax	StringType
Access	Read-only

Table 1992. RAC URL

Name	racURL
Object ID	1.3.6.1.4.1.674.10892.5.1.1.6.0
Description	This attribute defines the out-of-band UI URL of a remote access card.
Syntax	StringType
Access	Read-only

Table 1993. RAC Type

Name	racType
Object ID	1.3.6.1.4.1.674.10892.5.1.1.7.0
Description	This attribute defines the type of a remote access card.
Syntax	RacTypeEnum
Access	Read-only

Table 1994. RAC Firmware Version

Name	racFirmwareVersion
Object ID	1.3.6.1.4.1.674.10892.5.1.1.8.0
Description	This attribute defines the firmware version of a remote access card.
Syntax	StringType
Access	Read-only

Chassis Information Group

The Chassis Information Group objects provide information about the modular chassis in which a blade system resides.


 **NOTE:** This Chassis information is only available for modular/blade systems. For Rack and Tower systems, the information is empty. Currently there is just one object under the Chassis Information Group.

Table 1995. Chassis Service Tag

Name	chassisServiceTag
Object ID	1.3.6.1.4.1.674.10892.5.1.2.1.0
Description	This attribute defines the service tag of the enclosing chassis.
Syntax	StringType
Access	Read-only

System Information Group

The System Information Group objects provide information about the system in which the iDRAC resides.

Table 1996. System Fully Qualified Domain Name

Name	systemFQDN
Object ID	1.3.6.1.4.1.674.10892.5.1.3.1.0
Description	This attribute defines the fully qualified domain name of the system.
Syntax	StringType
Access	Read-only

Table 1997. System Service Tag

Name	systemServiceTag
Object ID	1.3.6.1.4.1.674.10892.5.1.3.2.0

Description	This attribute defines the service tag of the system.
Syntax	StringType
Access	Read-only

Table 1998. System Express Service Code

Name	<code>systemExpressServiceCode</code>
Object ID	1.3.6.1.4.1.674.10892.5.1.3.3.0
Description	This attribute defines the express service code of the system.
Syntax	StringType
Access	Read-only

Table 1999. System Asset Tag

Name	<code>systemAssetTag</code>
Object ID	1.3.6.1.4.1.674.10892.5.1.3.4.0
Description.	This attribute defines the asset tag of the system.
Syntax	StringType
Access	Read-only

Table 2000. System Blade Slot Number

Name	<code>systemBladeSlotNumber</code>
Object ID	1.3.6.1.4.1.674.10892.5.1.3.5.0
Description	This attribute defines the slot number of the blade in the chassis.
Syntax	StringType
Access	Read-only

Table 2001. System Operating System Name

Name	<code>systemOSName</code>
Object ID	1.3.6.1.4.1.674.10892.5.1.3.6.0
Description	This attribute defines the name of the operating system that the host is running.
Syntax	StringType
Access	Read-only

Table 2002. System Form Factor

Name	<code>systemFormFactor</code>
Object ID	1.3.6.1.4.1.674.10892.5.1.3.7.0
Description	This attribute defines the form factor of the system.
Syntax	SystemFormFactorEnum
Access	Read-only

Table 2003. System Data Center Name

Name	systemDataCenterName
Object ID	1.3.6.1.4.1.674.10892.5.1.3.8.0
Description	This attribute defines the Data Center locator of the system.
Syntax	StringType
Access	Read-only

Table 2004. System Aisle Name

Name	systemAisleName
Object ID	1.3.6.1.4.1.674.10892.5.1.3.9.0
Description	This attribute defines the Aisle locator of the system.
Syntax	StringType
Access	Read-only

Table 2005. System Rack Name

Name	systemRackName
Object ID	1.3.6.1.4.1.674.10892.5.1.3.10.0
Description	This attribute defines the Rack locator of the system.
Syntax	StringType
Access	Read-only

Table 2006. System Rack Slot

Name	systemRackSlot
Object ID	1.3.6.1.4.1.674.10892.5.1.3.11.0
Description	This attribute defines the Rack Slot locator of the system.
Syntax	StringType
Access	Read-only

Table 2007. System Model Name

Name	systemModelName
Object ID	1.3.6.1.4.1.674.10892.5.1.3.12.0
Description	This attribute defines the model name of the system.
Syntax	StringType
Access	Read-only

Table 2008. System System ID

Name	systemSystemID
Object ID	1.3.6.1.4.1.674.10892.5.1.3.13.0

Description	This attribute defines the system ID of the system.
Syntax	Unsigned16BitRange
Access	Read-only

Table 2009. System OS Version

Name	<code>systemOSVersion</code>
Object ID	1.3.6.1.4.1.674.10892.5.1.3.14.0
Description	This attribute defines the version of the operating system that the host is running.
Syntax	StringType
Access	Read-only

Table 2010. System Room Name

Name	<code>systemRoomName</code>
Object ID	1.3.6.1.4.1.674.10892.5.1.3.15.0
Description	This attribute defines the Room locator of the system.
Syntax	StringType
Access	Read-only

Table 2011. System Chassis System Height

Name	<code>systemChassisSystemHeight</code>
Object ID	1.3.6.1.4.1.674.10892.5.1.3.16.0
Description	This attribute defines the height of the system, in 'U's. A U is a standard unit of measure for the height of a rack or rack-mountable component.
Syntax	INTEGER
Access	Read-only

Table 2012. System Blade Geometry

Name	<code>systemBladeGeometry</code>
Object ID	1.3.6.1.4.1.674.10892.5.1.3.17.0
Description	This attribute defines the blade geometry for a blade system. (If not applicable, a 'no such name' error is returned.)
Syntax	BladeGeometryEnum
Access	Read-only

Status Group

The Status Group objects provide status information about the system and storage.

Table 2013. Global System Status

Name	<code>globalSystemStatus</code>
Object ID	1.3.6.1.4.1.674.10892.5.2.1.0
Description	This attribute defines the overall rollup status of all components in the system being monitored by the remote access card.
Syntax	ObjectStatusEnum
Access	Read-only

Table 2014. System LCD Status

Name	<code>systemLCDStatus</code>
Object ID	1.3.6.1.4.1.674.10892.5.2.2.0
Description	This attribute defines the system status as it is reflected by the LCD front panel. Not all system components may be included.
Syntax	ObjectStatusEnum
Access	Read-only

Table 2015. Global Storage Status

Name	<code>globalStorageStatus</code>
Object ID	1.3.6.1.4.1.674.10892.5.2.3.0
Description	This attribute defines the overall storage status being monitored by the remote access card.
Syntax	ObjectStatusEnum
Access	Read-only

Table 2016. System Power State

Name	<code>systemPowerState</code>
Object ID	1.3.6.1.4.1.674.10892.5.2.4.0
Description	This attribute defines the power state of the system.
Syntax	PowerStateStatusEnum
Access	Read-only


Systems Details Group

The Systems Details Group contains objects and tables that provide detailed information about the system in which the iDRAC7 resides.

 **NOTE:** See the iDRAC7 MIB file for details of the objects and tables supported under the Systems Details Group.

Storage Details Group

The Storage Details Group contains tables that provide detailed information about the external storage subsystem of the system in which iDRAC7 resides.

 **NOTE:** See the iDRAC7 MIB file for details of the tables supported under the Storage Details Group.

iDRAC7 Traps

The iDRAC7 generates events that result in Simple Network Management Protocol (SNMP) traps and/or entries in the iDRAC7 Lifecycle Log. This section describes the traps, also known as alerts, generated by the iDRAC7.


The iDRAC7 generates events in response to changes in the status of sensors and other monitored parameters. When an event with predefined characteristics occurs on your system, the SNMP subagent sends information about the event, along with trap variables, to the management console.

Each event generates an identifier called the trap ID and a list of trap variables that provide additional details about the event. The trap variables are listed in the following on [Trap Variables](#).

The traps of the iDRAC7 MIB are organized into five subgroups of traps. Each subgroup corresponds to one of the five categories of events that iDRAC7 supports (the **System Health**, **Storage Health**, **Updates**, **Audit**, and **Configuration** categories). Here is a list of the trap subgroups are:

- System Trap Group
- Storage Trap Group
- Updates Trap Group
- Audit Trap Group
- Configuration Trap Group

The trap subgroups, and all the traps within each trap subgroup, are described and listed in sections following the [Trap Variables](#) section.

 **NOTE:** The traps listed in this document can be correlated to specific events that are documented in the *Dell Event Message Reference* guide. There is 1-to-many relationship between SNMP traps and events in iDRAC7. To correlate a trap to a specific event or set of events, you can match the **Trap ID** value of a trap in this document to the **Trap/Event ID** value of events in the *Dell Event Message Reference* guide.

Trap Variables

This section lists the six variables that are sent with iDRAC7 traps to provide additional information about a trap or alert generated by some event on the system. The trap variables presented here apply to all iDRAC7 traps. The trap variables are sent in the order listed and are reserved for use only in traps.

Table 2017. Alert Message ID

Variable Name	alertMessageID
Object ID	1.3.6.1.4.1.674.10892.5.3.1.1.0
Description	Message ID of the event.
Syntax	DisplayString (SIZE (0..8))
Access	Read-only

Table 2018. Alert Message

Variable Name	alertMessage
Object ID	1.3.6.1.4.1.674.10892.5.3.1.2.0
Description	Message describing the alert.

Syntax StringType

Table 2019. Alert Current Status

Variable Name alertCurrentStatus
Object ID 1.3.6.1.4.1.674.10892.5.3.1.3.0
Description Current status of object causing the alert, if applicable.
Syntax ObjectStatusEnum
Access Read-only

Table 2020. Alert System Service Tag

Variable Name alertSystemServiceTag
Object ID 1.3.6.1.4.1.674.10892.5.3.1.4.0
Description Service tag of the system.
Syntax DisplayString (SIZE (0..16))

Table 2021. Alert System FQDN

Variable Name alertSystemFQDN
Object ID 1.3.6.1.4.1.674.10892.5.3.1.5.0
Description Fully qualified domain name of the system.
Syntax StringType

Table 2022. Alert FQDD

Variable Name alertFQDD
Object ID 1.3.6.1.4.1.674.10892.5.3.1.6.0
Description Fully qualified device descriptor of the device.
Syntax DisplayString (SIZE (0..512))

Table 2023. Alert Device Display Name

Variable Name alertDeviceDisplayName
Object ID 1.3.6.1.4.1.674.10892.5.3.1.7.0
Description Display name of the device/FQDD
Syntax DisplayString (SIZE (0..512))

Table 2024. Alert Message Arguments

Variable Name alertMessageArguments
Object ID 1.3.6.1.4.1.674.10892.5.3.1.8.0
Description Concatenated set of strings representing the message arguments of the event. Each message argument string is enclosed in double quotes, and there is a comma after the ending double quote of each message argument string, except

the last one. Any double quotes found within a message argument string are preprocessed and changed to single quotes.

Syntax StringType

Table 2025. Alert Chassis Service Tag

Variable Name alertChassisServiceTag
Object ID 1.3.6.1.4.1.674.10892.5.3.1.9.0
Description For blade systems, the service tag of the enclosing chassis. For rack and tower systems, this varbind will be empty (zero length).
Syntax DisplayString (SIZE (0..16))

System Trap Group

The System Trap Group contains traps that fall under the *System Health* event category of the iDRAC7. System Health traps are traps those are generally generated in response to events related to the hardware of the system in which an iDRAC7 resides.

Table 2026. Amperage Probe Traps

TrapID	Description	Category	SubCategory	Severity
Amperage Probe Normal				
2179	Current sensor reading is within range.	System Health	Amperage	Informational
Amperage Probe Warning				
2178	Current sensor has detected a warning value.	System Health	Amperage	Minor
Amperage Probe Failure				
2177	Current sensor has detected a failure value.	System Health	Amperage	Critical

Table 2027. Automatic System Recovery Trap

TrapID	Description	Category	SubCategory	Severity
Automatic System Recovery				
2233	Automatic system recovery (ASR) was performed.	System Health	Auto Sys Reset	Critical

Table 2028. Battery Traps

TrapID	Description	Category	SubCategory	Severity
Battery Normal				
2227	Battery state has returned to normal; or battery presence had been detected.	System Health	Battery Event	Informational

TrapID	Description	Category	SubCategory	Severity
Battery Warning				
2226	Battery is low.	System Health	Battery Event	Minor
Battery Failure				
2225	Battery has failed or battery is absent.	System Health	Battery Event	Critical

Table 2029. Processor Device Status Traps

TrapID	Description	Category	SubCategory	Severity
Processor DeviceStatus Normal				
2243	Processor device status has returned to normal.	System Health	Processor	Informational
ProcessorDeviceStatusWarning				
2242	Processor device status has detected a warning.	System Health	Processor	Minor
ProcessorDeviceStatusFailure				
2241	Processor device status has detected a failure.	System Health	Processor	Critical

Table 2030. Processor Device Absent Trap

TrapID	Description	Category	SubCategory	Severity
Processor Device Absent				
2457	Processor device is absent.	System Health	Proc Absent	Critical

Table 2031. Fan Traps

TrapID	Description	Category	SubCategory	Severity
Fan Information				
2155	Fan information.	System Health	Fan Event	Informational
Fan Warning				
2154	Fan warning.	System Health	Fan Event	Minor
Fan Failure				
2153	Fan failure.	System Health	Fan Event	Critical

Table 2032. Fiber Channel Traps

TrapID	Description	Category	SubCategory	Severity
Fiber Channel Information				
2539	Fiber Channel information.	System Health	Fiber Channel	Informational

TrapID	Description	Category	SubCategory	Severity
Fiber Channel Warning				
2538	Fiber Channel warning.	System Health	Fiber Channel	Minor
Fiber Channel Failure				
2537	Fiber Channel failure or critical event.	System Health	Fiber Channel	Critical

Table 2033. Hardware Configuration Traps

TrapID	Description	Category	SubCategory	Severity
Hardware Configuration Information				
2331	Hardware configuration information.	System Health	Hardware Config	Informational
Hardware Configuration Warning				
2330	Hardware configuration warning.	System Health	Hardware Config	Minor
Hardware Configuration Failure				
2329	Hardware configuration failure or critical event.	System Health	Hardware Config	Critical

Table 2034. Memory Device Traps

TrapID	Description	Category	SubCategory	Severity
Memory Device Information				
2267	Memory device informational event.	System Health	Memory	Informational
Memory Device Warning				
2266	Memory device status is noncritical.	System Health	Memory	Minor
Memory Device Failure				
2265	Memory device status is critical.	System Health	Memory	Critical

Table 2035. NIC Traps

TrapID	Description	Category	SubCategory	Severity
Network Information				
2091	Network information.	System Health	NIC Config	Informational
Network Warning				
2090	Network warning.	System Health	NIC Config	Minor
Network Failure				

TrapID	Description	Category	SubCategory	Severity
2089	Network failure or critical event.	System Health	NIC Config	Critical

Table 2036. Operation System ("OS") Event Traps

TrapID	Description	Category	SubCategory	Severity
OS Information				
2411	An OS graceful stop occurred; or an OS graceful shut-down occurred.	System Health	OS Event	Informational
OS Failure				
2409	A critical stop occurred during OS load; or a runtime critical stop occurred.	System Health	OS Event	Critical

Table 2037. PCI Device Traps

TrapID	Description	Category	SubCategory	Severity
PCI Device Information				
2419	An informational event was detected for a PCI device.	System Health	PCI Device	Informational
PCI Device Warning				
2418	A warning event was detected for a PCI device.	System Health	PCI Device	Minor
PCI Device Failure				
2417	An error was detected for a PCI device.	System Health	PCI Device	Critical

Table 2038. Physical Disk Traps

TrapID	Description	Category	SubCategory	Severity
Physical Disk Information				
2299	Physical disk information.	System Health	Physical Disk	Informational
Physical Disk Warning				
2298	Physical disk warning.	System Health	Physical Disk	Minor
Physical Disk Failure				
2297	Physical disk failure.	System Health	Physical Disk	Critical

Table 2039. BIOS POST Trap

TrapID	Description	Category	SubCategory	Severity
Bios Post Failure				
2425	System BIOS detected a failure.	System Health	BIOS POST	Critical

Table 2040. Power Supply Traps

TrapID	Description	Category	SubCategory	Severity
Power Supply Normal				
2187	Power supply has returned to normal.	System Health	Power Supply	Informational
Power Supply Warning				
2186	Power supply has detected a warning.	System Health	Power Supply	Minor
Power Supply Failure				
2185	Power supply has detected a failure.	System Health	Power Supply	Critical

Table 2041. Power Supply Absent Trap

TrapID	Description	Category	SubCategory	Severity
Power Supply Absent				
2465	Power supply is absent.	System Health	PSU Absent	Critical

Table 2042. Power Usage Traps

TrapID	Description	Category	SubCategory	Severity
Power Usage Information				
2275	System performance restored.	System Health	Power Usage	Informational
Power Usage Warning				
2274	System performance degraded.	System Health	Power Usage	Minor
Power Usage Failure				
2273	The system halted because system power exceeds capacity; or the system performance degraded because power draw exceeds the power threshold.	System Health	Power Usage	Critical

Table 2043. Redundancy Traps

TrapID	Description	Category	SubCategory	Severity
Redundancy Information				
2475	Redundancy information.	System Health	Redundancy	Informational
Redundancy Degraded				
2474	Redundancy is degraded.	System Health	Redundancy	Minor
Redundancy Lost				
2473	Redundancy is lost.	System Health	Redundancy	Critical

Table 2044. Integrated Dual SD Module Traps

TrapID	Description	Category	SubCategory	Severity
Integrated Dual SD ModuleInformation				
2211	Integrated Dual SD Module information.	System Health	IDSDM Media	Informational
Integrated Dual SD ModuleWarning				
2210	Integrated Dual SD Module warning.	System Health	IDSDM Media	Minor
Integrated Dual SD ModuleFailure				
2297	Integrated Dual SD Module failure.	System Health	IDSDM Media	Critical

Table 2045. Integrated Dual SD Module Absent Trap

TrapID	Description	Category	SubCategory	Severity
Integrated Dual SD ModuleAbsent				
2481	Integrated Dual SD Module is absent.	System Health	IDSDM Absent	Critical

Table 2046. Integrated Dual SD Module Redundancy Traps

TrapID	Description	Category	SubCategory	Severity
Integrated Dual SD Module Redundancy Information				
2491	Integrated Dual SD Module redundancy information.	System Health	IDSDM Redundancy	Informational
Integrated Dual SD Module Redundancy Degraded				
2490	Integrated Dual SD Module redundancy is degraded.	System Health	IDSDM Redundancy	Minor
Integrated Dual SD Module Redundancy Lost				

TrapID	Description	Category	SubCategory	Severity
2489	Integrated Dual SD Module redundancy is lost.	System Health	IDSDM Redundancy	Critical

Table 2047. Security Event Traps

TrapID	Description	Category	SubCategory	Severity
Security Information				
2387	Security information.	System Health	Security Event	Informational
Security Failure				
2385	Security failure or critical event.	System Health	Security Event	Critical

Table 2048. System Event Log Traps

TrapID	Description	Category	SubCategory	Severity
System Event Log Information				
2379	System Event Log information.	System Health	Sys Event Log	Informational
System Event Log Warning				
2378	System Event Log warning.	System Health	Sys Event Log	Minor
System Event Log Failure				
2377	System Event Log failure or critical event.	System Health	Sys Event Log	Critical

Table 2049. Temperature Probe Traps

TrapID	Description	Category	SubCategory	Severity
Temperature Probe Normal				
2163	Temperature sensor value is within range.	System Health	Temperature	Informational
Temperature Probe Warning				
2162	Temperature sensor has detected a warning value.	System Health	Temperature	Minor
Temperature Probe Failure				
2161	Temperature sensor has detected a failure value.	System Health	Temperature	Critical

Table 2050. Temperature Statistics Traps

TrapID	Description	Category	SubCategory	Severity
Temperature Statistics Warning				
2522	Temperature has been above the warning or critical threshold	System Health	Temperature Statistics	Minor

TrapID	Description	Category	SubCategory	Severity
	level for a long enough period of time to be considered in a warning state.			
Temperature Statistics Failure				
2521	Temperature has been above the warning or critical threshold level for a long enough period of time to be considered in a critical state.	System Health	Temperature Statistics	Critical

Table 2051. vFlash Media Device Traps

TrapID	Description	Category	SubCategory	Severity
vFlash Media Device Information				
2507	vFlash Media device information.	System Health	vFlash Event	Informational
vFlash Media Device Warning				
2506	vFlash Media device warning.	System Health	vFlash Event	Minor
vFlash Media Device Failure				
2505	vFlash Media device failure.	System Health	vFlash Event	Critical

Table 2052. vFlash Media Device Absent Trap

TrapID	Description	Category	SubCategory	Severity
vFlash Media Device Absent				
2515	vFlash Media device is absent.	System Health	vFlash Absent	Informational

Table 2053. Voltage Probe Traps

TrapID	Description	Category	SubCategory	Severity
Voltage Probe Normal				
2171	Voltage sensor reading is within range.	System Health	Voltage	Informational
Voltage Probe Warning				
2170	Voltage sensor has detected a warning value.	System Health	Voltage	Minor
Voltage Probe Failure				
2169	Voltage sensor has detected a failure value.	System Health	Voltage	Critical

Storage Trap Group

The Storage Trap Group contains traps that fall under the Storage event category of iDRAC7. Storage traps are traps generated in response to events related to the external storage subsystem of the system in which iDRAC7 resides.

Table 2054. Battery Traps

TrapID	Description	Category	SubCategory	Severity
Battery Normal				
4275	Battery state has returned to normal; or battery presence has been detected.	Storage	Battery Event	Informational
Battery Warning				
4274	Battery is low.	Storage	Battery Event	Minor
Battery Failure				
4273	Battery has failed or battery is absent.	Storage	Battery Event	Critical

Table 2055. Controller Traps

TrapID	Description	Category	SubCategory	Severity
Storage Controller Information				
4331	Controller information.	Storage	Storage Contr	Informational
Storage Controller Warning				
4330	Controller warning.	Storage	Storage Contr	Minor
Storage Controller Failure				
4329	Controller failure.	Storage	Storage Contr	Critical

Table 2056. Enclosure Traps

TrapID	Description	Category	SubCategory	Severity
Storage Enclosure Information				
4339	Enclosure information.	Storage	Storage Enclosr	Informational
Storage Enclosure Warning				
4338	Enclosure warning.	Storage	Storage Enclosr	Minor
Storage Enclosure Failure				
4337	Enclosure failure.	Storage	Storage Enclosr	Critical

Table 2057. Fan Traps

TrapID	Description	Category	SubCategory	Severity
Storage Fan Information				
4203	Fan information.	Storage	Fan Event	Informational
Storage Fan Warning				

TrapID	Description	Category	SubCategory	Severity
4202	Fan warning.	Storage	Fan Event	Minor
Storage Fan Failure				
4201	Fan failure.	Storage	Fan Event	Critical

Table 2058. Physical Disk Traps

TrapID	Description	Category	SubCategory	Severity
Storage Physical Disk Information				
4347	Physical disk information.	Storage	Physical Disk	Informational
Storage Physical Disk Warning				
4346	Physical disk warning.	Storage	Physical Disk	Minor
Storage Physical Disk Failure				
4345	Physical disk failure.	Storage	Physical Disk	Critical

Table 2059. Power Supply Traps

TrapID	Description	Category	SubCategory	Severity
Storage Power Supply Information				
4235	Power supply information.	Storage	Power Supply	Informational
Storage Power Supply Warning				
4234	Power supply warning.	Storage	Power Supply	Minor
Storage Power Supply Failure				
4233	Power supply failure.	Storage	Power Supply	Critical

Table 2060. Storage Management Status Traps

TrapID	Description	Category	SubCategory	Severity
Storage Management Information				
4179	Storage Management information. There is no global status change associated with this trap.	Storage	Storage	Informational
Storage Management Warning				
4178	Storage Management has detected a device independent warning condition. There is no global status change associated with this trap.	Storage	Storage	Minor
Storage Management Failure				
4177	Storage Management has detected a device independent error condition. There is no global status change associated with this trap.	Storage	Storage	Critical

Table 2061. Temperature Probe Traps


TrapID	Description	Category	SubCategory	Severity
Storage Temperature Probe Information				
4211	Temperature probe information.	Storage	Temperature	Informational
Storage Temperature Probe Warning				
4210	Temperature probe warning.	Storage	Temperature	Minor
Storage Temperature Probe Failure				
4209	Temperature probe failure.	Storage	Temperature	Critical

Table 2062. Virtual Disk Trap

TrapID	Description	Category	SubCategory	Severity
Storage VirtualDisk Information				
4355	Virtual disk information.	Storage	Virtual Disk	Informational
Storage Virtual Disk Warning				
4354	Virtual disk warning.	Storage	Virtual Disk	Minor
Storage Virtual Disk Failure				
4353	Virtual disk failure.	Storage	Virtual Disk	Critical

Updates Trap Group

The Updates Trap Group contains traps that fall under the **Updates** event category of iDRAC7. Updates traps are traps generated in response to events related to firmware/driver upgrades/downgrades.

 **NOTE:** Currently there are no Update traps.

Audit Trap Group

The Audit Trap Group contains traps that fall under the **Audit** event category of iDRAC7. Audit traps are traps generated in response to audit-type events of iDRAC7, such as authorizing of debugging, changes to iDRAC7 license state, power state changes, etc.

Table 2063. Debug Traps

TrapID	Description	Category	SubCategory	Severity
Debug Information				
8595	Debug authorized.	Audit	Debug	Informational
DebugWarning				
8594	Debug authorization failed.	Audit	Debug	Minor

Table 2064. iDRAC IP Address Change Trap

TrapID	Description	Category	SubCategory	Severity
iDRAC IP Address Change				
8499	iDRAC IP address has changed.	Audit	DRAC IP Address	Informational

Table 2065. License Traps

TrapID	Description	Category	SubCategory	Severity
License Information				
8515	License information.	Audit	Licensing	Informational
License Warning				
8514	License warning.	Audit	Licensing	Minor
License Failure				
8513	License failure.	Audit	Licensing	Critical

Table 2066. System Power State Change Trap

TrapID	Description	Category	SubCategory	Severity
System Power State Change Information				
8579	Host is going through a power state change (powering on or powering off).	Audit	System Info	Informational

Configuration Trap Group

The Configuration Trap Group contains traps that fall under the **Configuration** event category of the iDRAC7. Configuration traps are traps generated in response to events related to hardware configuration changes and software configuration changes.

TrapID	Description	Category	SubCategory	Severity
Test Trap Event				
10395	The iDRAC generated a test trap event in response to a user request.	Configuration	Test Alert	Informational

Standard Data Type Definitions

This appendix contains definitions for data types that are standard in most contexts across the information technology industry. These are the most common data types for describing variable values defined in the **10892.mib**, **dcs3rmt.mib** and **dcs3fru.mib** files. Server Administrator-specific variable values are defined in the last section of the section in which they are introduced.

Common Data Types

Common data types include several types of strings, the object range, signed and unsigned bit ranges, and the familiar Boolean (true or false) data type.

Table 2067. Common Data Types

Variable Name:	Definition
DellString	DisplayString (SIZE (0..64))
DellSecurityString	DisplayString (SIZE (0..255))
DellCostofOwnershipString	DisplayString (SIZE (0..64))
DellObjectRange	INTEGER (1..128)
DellUnsigned8BitRange	INTEGER (1..256)
DellUnsigned16BitRange	INTEGER (1..65535)
DellUnsigned32BitRange	INTEGER (1..2147483647)
DellSigned32BitRange	INTEGER (-2147483647..2147483647)
DellBoolean	INTEGER (0..1 (FALSE = 0, TRUE = 1))

Variables with Data Types of State Capabilities and State Capabilities Unique

Variables with definitions of *<variable name>StateCapabilities* or *<variable name>StateCapabilitiesUnique* are integers representing a series of bit definitions. They are NOT enumerations and should be treated as bit fields. The value is passed as a decimal value. The decimal value should be converted to hex and the appropriate bits should be parsed from hex. Some of the more common bit combinations are defined in some variables, but not all combinations are or will be defined.

Table 2068. Dell State Capabilities

Variable Name:	Meaning of Data Value
DellStateCapabilities	
Data Type: Integer	
Possible Data Values	
if set to zero(0)	The object has no capabilities.

unknownCapabilities (1)	The object's capabilities are unknown.
enableCapable (2)	The object can be disabled (offline, a binary 0 value) or enabled (online, a binary 1 value).
notReadyCapable (4)	The object is not ready.
enableAndNotReadyCapable (6)	Enable and not ready capable.

Table 2069. Dell State Settings

Variable Name: DellStateSettings

Data Type: Integer

Possible Data Values

if set to zero (0)

unknown (1)

enabled (2)

notReady (4)

enableAndNotReady (6)

Meaning of Data Value

The object has no settings capabilities and its state is disabled.

The object's state is unknown.

The object's state is disabled (offline, a binary 0 value) or enabled (online, a binary 1 value).

The object is not ready.

The object is enabled and not ready.

Table 2070. Dell Probe Capabilities

Variable Name: DellProbeCapabilities

Data Type: Integer

Possible Data Values

if set to zero (0)

upperNonCriticalThresholdSetCapable (1)

lowerNonCriticalThresholdSetCapable (2)

upperNonCriticalThresholdDefaultCapable (4)

lowerNonCriticalThresholdDefaultCapable (8)

Meaning of Data Value

The object has no capabilities.

The upper noncritical threshold can be set.

The lower noncritical threshold can be set.

The upper noncritical threshold can be set to default.

The lower noncritical threshold can be set to default.

Dell Status Data Types

Status data types include DellStatus, DellStatusRedundancy, and DellStatusProbe.

Table 2071. Dell Status

Variable Name: DellStatus

Data Type: Integer

Possible Data Values

other (1)

unknown (2)

Meaning of Data Value

The object's status is not one of the following:

The object's status is unknown.

ok (3)	The object's status is OK.
nonCritical (4)	The object's status is warning, noncritical.
critical (5)	The object's status is critical (failure).
nonRecoverable (6)	The object's status is nonrecoverable (dead).

Table 2072. Dell Status Redundancy

Variable Name: DellStatusRedundancy

Data Type: Integer

Possible Data Values

- other (1)
- unknown (2)
- full (3)
- degraded (4)
- lost (5)
- notRedundant (6)

Meaning of Data Value

- The object's status is not one of the following:
- The object's redundancy status is unknown.
- The object is fully redundant.
- The object's redundancy has been degraded.
- The object's redundancy has been lost.
- Redundancy does not apply or it is not redundant.

Table 2073. Dell Status Probe

Variable Name: DellStatusProbe

Data Type: Integer

Possible Data Values

- other (1)
- unknown (2)
- ok (3)
- nonCriticalUpper (4)
- CriticalUpper (5)
- nonRecoverableUpper (6)
- nonCriticalLower (7)
- criticalLower (8)
- nonRecoverableLower (9)
- failed (10)

Meaning of Data Value

- The object's status is not one of the following:
- The status of the object is unknown.
- The status of the object is OK.
- The object is at the noncritical upper limit.
- The object is at the critical upper limit.
- The object is at the nonrecoverable upper limit.
- The object is at the noncritical lower limit.
- The object is at the critical lower limit.
- The object is at the nonrecoverable lower limit.
- The status of the object is failed.

Dell Date

Variable Name: DellDate

Data Type: DellUnsigned64BitRange Octet String (SIZE(8))

The DellDate definition is required because SNMP V1 does not support 64-bit ranges. The information sent back by this subagent has the most significant byte of the information as the first byte. For example, the hex address 0x1029384754657687 is sent as hex: 0001 0000 0010 1001 0011 1000 0100 0111 ... Byte 1 Byte 2 Byte 3 Byte 4.

Full Dates

Variable Name: DellDateName

Data Type: DisplayString DisplayString (SIZE (25))

Full dates are defined in the ASCII format: *yyyyMMddhhmmss.uuuuuu+fff* or *yyyyMMddhhmmss.uuuuuu-fff*

where *yyyy* is the year, *MM* is the month, *dd* is the day, *hh* are the hours, *mm* are the minutes, and *ss* are the seconds. *uuuuuu* is the number of microseconds, and *+fff* or *-fff* is the offset from UTC in minutes. For example, Friday, October 31, 2001, at 6:05:19 PM CST would be represented as 20011031180519.000000-360.

The values are zero-padded, and if a valid value for a field is not deliverable, each character in the field is replaced with an asterisk (*) character.


```

'\02\02\02\02\02\02'
1.3.6.1.4.1.674.10892.1.200.10.1.24.1 = 3
1.3.6.1.4.1.674.10892.1.200.10.1.25.1 =
'\03\03\03\03\03\03'
1.3.6.1.4.1.674.10892.1.200.10.1.26.1 =
'\02\02\02\02'
1.3.6.1.4.1.674.10892.1.200.10.1.27.1 = 3
1.3.6.1.4.1.674.10892.1.200.10.1.28.1 =
'\03\03\03\03'
1.3.6.1.4.1.674.10892.1.200.10.1.29.1 = '\02'
1.3.6.1.4.1.674.10892.1.200.10.1.30.1 = 3
1.3.6.1.4.1.674.10892.1.200.10.1.31.1 = '\03'
1.3.6.1.4.1.674.10892.1.200.10.1.41.1 = 3
1.3.6.1.4.1.674.10892.1.200.10.1.42.1 = 3
1.3.6.1.4.1.674.10892.1.200.10.1.43.1 = '\03'
1.3.6.1.4.1.674.10892.1.300.10.1.1.1 = 1
1.3.6.1.4.1.674.10892.1.300.10.1.2.1 = 0
1.3.6.1.4.1.674.10892.1.300.10.1.3.1 = 2
1.3.6.1.4.1.674.10892.1.300.10.1.4.1 = 3
1.3.6.1.4.1.674.10892.1.300.10.1.5.1 = 0
1.3.6.1.4.1.674.10892.1.300.10.1.6.1 = 23
1.3.6.1.4.1.674.10892.1.300.10.1.7.1 = 'Main System
Chassis'
1.3.6.1.4.1.674.10892.1.300.10.1.8.1 = 'Dell Inc.'
1.3.6.1.4.1.674.10892.1.300.10.1.9.1 = 'PowerEdge
2650'
1.3.6.1.4.1.674.10892.1.300.10.1.10.1 = 'ASSETTAG'
1.3.6.1.4.1.674.10892.1.300.10.1.11.1 = '1234567'
1.3.6.1.4.1.674.10892.1.300.10.1.12.1 = 254
1.3.6.1.4.1.674.10892.1.300.10.1.13.1 = 289
1.3.6.1.4.1.674.10892.1.300.10.1.14.1 = 4
1.3.6.1.4.1.674.10892.1.300.10.1.15.1 = 'SERVER01'
1.3.6.1.4.1.674.10892.1.300.10.1.16.1 =
'20050513095213.000000-360'
1.3.6.1.4.1.674.10892.1.300.10.1.17.1 =
'20050513100052.000000-360'
1.3.6.1.4.1.674.10892.1.300.10.1.18.1 = 'Please set
the value'
1.3.6.1.4.1.674.10892.1.300.10.1.19.1 = 'Please set
the value'
1.3.6.1.4.1.674.10892.1.300.10.1.20.1 = 'Please set
the value'
1.3.6.1.4.1.674.10892.1.300.10.1.21.1 = 3
1.3.6.1.4.1.674.10892.1.300.10.1.22.1 = 0
1.3.6.1.4.1.674.10892.1.300.10.1.23.1 = 0
1.3.6.1.4.1.674.10892.1.300.10.1.24.1 = 0
1.3.6.1.4.1.674.10892.1.300.10.1.25.1 = 0
1.3.6.1.4.1.674.10892.1.300.10.1.26.1 = 0
1.3.6.1.4.1.674.10892.1.300.10.1.27.1 = 0
1.3.6.1.4.1.674.10892.1.300.10.1.28.1 = 8
1.3.6.1.4.1.674.10892.1.300.10.1.29.1 = 2
1.3.6.1.4.1.674.10892.1.300.10.1.30.1 = 1
1.3.6.1.4.1.674.10892.1.300.10.1.31.1 = 15
1.3.6.1.4.1.674.10892.1.300.10.1.32.1 = 0
1.3.6.1.4.1.674.10892.1.300.10.1.33.1 = 27
1.3.6.1.4.1.674.10892.1.300.10.1.34.1 = 0
1.3.6.1.4.1.674.10892.1.300.10.1.35.1 = 1
1.3.6.1.4.1.674.10892.1.300.10.1.36.1 = 480
1.3.6.1.4.1.674.10892.1.300.10.1.37.1 = 1
1.3.6.1.4.1.674.10892.1.300.10.1.38.1 = 2
1.3.6.1.4.1.674.10892.1.300.10.1.39.1 = 2
1.3.6.1.4.1.674.10892.1.300.10.1.44.1 = 0
1.3.6.1.4.1.674.10892.1.300.10.1.45.1 = 0
1.3.6.1.4.1.674.10892.1.300.40.1.1.1.1 = 1

```

1.3.6.1.4.1.674.10892.1.300.40.1.2.1.1 = 1
1.3.6.1.4.1.674.10892.1.300.40.1.3.1.1 = 8
1.3.6.1.4.1.674.10892.1.300.40.1.4.1.1 = 2
1.3.6.1.4.1.674.10892.1.300.40.1.5.1.1 = 'Log
cleared'
1.3.6.1.4.1.674.10892.1.300.40.1.6.1.1 = 2
1.3.6.1.4.1.674.10892.1.300.40.1.7.1.1 = 3
1.3.6.1.4.1.674.10892.1.300.40.1.8.1.1 =
'20050513100047.000000-360'