

Dell System E-Support Tool (DSET) Version 3.5

Reportable Items For Windows Operating Systems

Reference Guide



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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2013 - 09

Rev. A00

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Introduction

The reportable items document includes all the data types supported by the DSET application and displayed in the DSET report.

**NOTE:**

- A few unique data elements are not included in the document.
- The data elements listed also includes other configuration or log files that may be collected but viewed only by navigating to the **.zip** archived contents in the DSET report.

What's New In This Release

- Addition of Error Summary Information in the System category of the report.
- Addition of Modular Enclosure information in the Main System Chassis category of the report.
- Addition of new attributes in the BIOS Setup category for DSET namespace in parity with OpenManage Server Administrator namespace.
- Display of critical or warning status icons for the classes with the critical or warning status.
- In iDRAC namespace report, the following classes are included:
 - Fan, Voltage, Intrusion, and Front Panel in the Main Chassis category.
 - Controller Battery, Enclosure, Fan, EMM, Power Supply, Temperature for external enclosures, and Virtual Disks in the Storage category.



NOTE: The new attributes for this release are identified in this document by the text “(New)” next to them.



NOTE: iDRAC namespace report has fewer attributes compared to DSET and OpenManage Server Administrator namespace reports.

System Items List

The system items list includes the following:

- Main System Chassis
- Error Summary Information (New)
- Chassis
- Modular Enclosure (New)
- BIOS
- Batteries
- Processors Information
- Fans Probes Information
- Firmware
- Front Panel Information
- System Components (FRU) Information
- Intrusion Information
- Memory
- Network Interfaces Information
- Ports Information
- Power Supplies
- Remote Access Information
- Slots
- Temperature Probes Information
- Voltage Probes Information
- Auto Recovery
- Embedded System Management (ESM) Logs
- PCI Devices
- Network
- Removable Flash Media Information
- Hardware Performance
- Power Consumption Information

Table 1. : System Category and Attributes

Category	Attributes
Main System Chassis	• Chassis Model • Chassis Service Tag • Express Service Code • Chassis Lock • Chassis Asset Tag

Category	Attributes
	• Server Module Asset Tag • Server Module Service Tag • Server Module Express Code • Server Module Location • Processor Manufacturer • Processor Family • Processor Version • Current Speed • Maximum Speed • External Clock Speed • Voltage • Total Installed Capacity • Memory Available to the OS • Total Maximum Capacity • Memory Array Count • Location • Use • Installed Capacity • Maximum Capacity • Slots Available • Slots Used • ECC Type • Manufacturer • Version • Release Date • Network Interface • IP Address • Subnet Mask • Default Gateway • MAC Address • Name • Version • Host Name • System Location
Error Summary Information	• Status (New) • Name (New) • Location (New) • Details (New)
Chassis	• Index • Chassis Name • Host Name • BMC Version • DRAC or iDRAC Version

Category	Attributes
	• Lifecycle Controller Version • Chassis Model • Chassis Lock • Chassis Service Tag • Chassis Asset Tag • Flash Chassis Identify LED state • Flash Chassis Identify LED timeout value
Modular Enclosure	• CMC Information – Product (New) – Description (New) – Version (New) – IP Address (New) – IP Address Source (New) – IP Address Type (New)
BIOS	• BIOS Information – Manufacturer – Version – Release Date • BIOS Setup – General * Attribute * Num Lock * Diskette * NIC * NIC 1 * NIC 2 * Dual NIC (1/2) * Dual NIC (3/4) * IDE * User Accessible USB Ports * Processor Virtualization Technology * Processor Logical Processor (HyperThreading) * Logical Processor * Number of Cores per Processor * AC Power Recovery Mode * Execute Disable * Embedded SATA Controller * Embedded Video Controller

Category	Attributes
	* SATA Port 0 * SATA Port 1 * SATA Port 2 * SATA Port 3 * Port A * Port B * Port C * Port D * Port E * Demand Based Power Management * TPM Security * Internal USB Port * Integrated Network Card 1 * OS Watchdog Timer * Turbo Boost * Node Interleaving * Processor Execute Disable * Processor CMP * Boot Mode * Processor C State Control * Processor C1-E * Keyboard NumLock
	– System Security * Intel(R) AES-NI * System Password * Setup Password * Password Status * TPM Security * TPM Activation * TPM Status * TPM Clear * Intel(R) TXT * Power Button * NMI Button * AC Power Recovery * AC Power Recovery Delay * User Defined Delay (60s to 240s)
	– Serial Communications * Attribute * Serial Communications * Serial Port Address

Category	Attributes
	* Console Redirection After Boot * External Serial connector * Console Redirection Failsafe Baud Rate * Serial Address Select * Redirection After Boot * Failsafe Baud Rate * Remote Terminal Type – SATA Settings * Embedded SATA * Port information * Model * Drive Type * Capacity – Processor Settings * Logical Processor * QPI Speed * Virtualization Technology * Adjacent Cache Line Prefetch * Hardware Prefetcher * DCU Streamer Prefetcher * DCU IP Prefetcher * Execute Disable * Number of Cores per Processor * Processor 64-bit Support * Processor Core Speed * Processor Bus Speed * Family-Model-Stepping * Brand * Level Number Cache * Number of Cores * Family-Model-Stepping – Memory Settings * System Memory Size * System Memory Type * System Memory Speed * System Memory Voltage * Video Memory * System Memory Testing * Memory Operating Mode * Node Interleaving – System Profile Settings

Category	Attributes
	* System Profile * CPU Power Management * Memory Frequency * Turbo Boost * C1E * C States * Memory Patrol Scrub * Memory Refresh Rate * Memory Operating Voltage – Miscellaneous Settings * Asset Tag * Keyboard NumLock * Report Keyboard Errors * F1/F2 Prompt on Error * In-System Characterization – System Information * System Model Name * System BIOS Version * System Service Tag * System Manufacturer * System Manufacturer Contact Information – Integrated Devices * User Accessible USB Ports * Internal USB Port * Integrated Network Card * OS Watchdog Timer * Embedded Video Controller * SR-IOV Global Enable – Slot Disablement * Slot number – Boot Settings * Boot Mode * Boot Sequence Retry – One-Time Boot * One-Time Boot Device List * BIOS Boot Sequence Device * BIOS Hard-Disk Drive Sequence Device * UEFI Boot Sequence Device
Batteries	Individual Battery Elements

Category	Attributes
	• Status • Probe Name • Reading
Processors Information	• Status • Connector Name • Processor Brand • Processor Version • Current Speed • State • Core Count
Fans Probes Information	• Fan Redundancy – Attribute – Redundancy Status • Probe List – Status – Probe Name – Reading – Minimum Warning Threshold – Maximum Warning Threshold – Minimum Failure Threshold – Maximum Failure Threshold
Firmware	• Baseboard Management Controller version • Remote Access Controller firmware version • DRAC or iDRAC version • Lifecycle Controller version • PERC Firmware version • Fiber Channel HBA Device • Dell OS Drivers Pack • System CPLD • NIC Firmware Version • Power Supply.Slot.<number> • Enterprise UEFI Diagnostics • BIOS version • Enclosure Firmware version
Front Panel Information	LCD Line 1
System Components (FRU) Information	• Device – System Planar – Remote Access Controller Version

Category	Attributes
	– SAS Controller Daughter Card (Storage) – Power Supply – Primary Backplane (Storage) – Memory DIMM Slots – Disk Drive Bay (BP) – Add-in Card (NDC) – Add-in Card (MEZZB) – Add-in Card (PERC1) – Add-in Card (IDSMD) – DRIVE BACKPLANE – NIC.Integrated – RAID.Integrated – NIC.Slot – RAID.Slot • Serial No. • Part No. • Revision • Manufacturer • Manufacturer Date
Intrusion Information	• Status • Probe Name • State
Memory	• Fail Over State • Redundancy Configuration • Attributes of Memory Array(s) – Location – Use – Installed Capacity – Maximum Capacity – Slots Available – Slots Used – ECC Type • Total of Memory Array(s) – Total Installed Capacity – Total Installed Capacity Available to the OS – Total Maximum Capacity • Details of Memory Array – Status – Connector Name – Type

Category	Attributes
	– Size – Device Name – Speed – Failures
Network Interfaces Information	• Interface Name • Vendor • Description • Connection Status • Slot • Physical Interface – Description – Vendor – Slot Name – Current MAC Address – Duplex – Base I/O Address – Base Memory Address – IRQ – DMA – Link Status – Connection Status – Driver Name – Driver Version – Firmware Version • Interface – Description – Type – Operational Status – Administrative Status – Maximum Transmission Unit – Speed Not Available • Physical Interface Receive Statistics – Alignment Errors – FCS Errors – Frames Too Long • Physical Interface Transmit Statistics – Single Collision Frames – Multiple Collision Frames – Deferred Transmits – Collisions – Late Collisions

Category	Attributes
	– Excessive Collisions – Carrier Sense Errors • Interface Receive Statistics – Bytes – Total Packets – Unicast Packets – Multicast Packets – Broadcast Packets – Discarded Packets – Error Packets • Interface Transmit Statistics – Bytes – Total Packets – Unicast Packets – Discarded Packets – Error Packets
Ports Information	• Port Type • External Name • Base I/O Addr • IRQ Lvl • Connector Type • Maximum Speed
Power Supplies	• MainSystemChassis Power Supplies • Power Supply Redundancy • Redundancy Status – Status – Location – Type – Rated Input Wattage – Maximum Output Wattage – Firmware Version – Online Status – Power Monitoring Capable
Remote Access Information	• Remote Access Device – Device Type – IPMI Version – System GUID – Number of Possible Active Sessions – Number of Current Active Sessions

Category	Attributes
	– Enable IPMI Over LAN – SOL Enabled – MAC Address – Enable VLAN ID – VLAN ID – Priority • IPv4 Address – IP Address Source – IP Address – IP Subnet – IP Gateway • IPV6 Address – IP Address Source – IPv6 Address 1 – Default Gateway – IPv6 Address 2 – Link Local Address – DNS Address Source – Preferred DNS Server – Alternate DNS Server • NIC Configuration – Channel Number – NIC Selection • Serial Port Configuration – Channel Number – Connection Mode Setting – Baud Rate – Flow Control – Channel Privilege Level Limit – Serial Port Configuration – Line Editing – Delete Control – Echo Control – Handshaking Control – New Line Sequence – Input New Line Sequence • Serial Over LAN Configuration – Channel Number – Baud Rate – Minimum privileges required – Serial Over LAN Configuration – Retry Count

Category	Attributes
	– Retry Interval – Character Accumulate Interval – Character Send Threshold • DRAC – Product – Description – Version – IP Address – IP Subnet – IP Gateway
Slots	• PCI Bus Hierarchy • Slot ID (Physical Location) • Adapter • Data Bus Width • PCI Device Description • PCI Type and Speed • PCI Data BusWidth • PCI Slot Length • Hot Plug Capable • Power Management Enabled
Temperature Probes Information	Main System Temperatures • Status • Probe Name • Reading • Minimum Warning Threshold • Maximum Warning Threshold • Minimum Failure Threshold • Maximum Failure Threshold
Voltage Probes Information	• Status • Probe Name • Reading • Minimum Warning Threshold • Maximum Warning Threshold • Minimum Failure Threshold • Maximum Failure Threshold
Auto Recovery	• Action on hung Operating System • System Reset Timer
Embedded System Management (ESM) Logs	• Severity • Date and Time

Category	Attributes
	• Description • Raw SEL data
PCI Devices	• Slot ID (Location) • Adapter • Data Bus Width • PCI Device Detail – ID – Type – Slot Length – Speed – Category – Hot Plug Capable – Voltage Supply – Shared Slot – PC Card-16 – Card Bus – Zoom Video – Modem Ring Resume – Power Management Enable (PME#) Signal – Adapter Manufacturer – Adapter Description – Adapter Data Bus Width – Adapter Speed
Network	• Total Number of Network Cards • NIC Info • IP Address • Vendor • Description • Connection Status • Team Interfaces
Removable Flash Media Information	• Internal SD Module Status – Status – Connector Name – State – Storage • vFlash Media Details – Connector Name – Type – State

Category	Attributes
	– Available Size – Storage Size
Hardware Performance	• Probe Name • Status • Cause
Power Consumption Information	• Power Consumption – Status – Probe Name * System Board System Level * System Board Pwr Consumption – Reading – Warning Threshold – Failure Threshold • Amperage – Location * Current – Reading • Power Headroom – Attribute * System Instantaneous Headroom * System Peak Headroom – Value • Power Tracking Statistics – Statistic * Energy Consumption * System Peak Power * System Peak Amperage – Measurement Start Time – Measurement Finish Time – Reading – Peak Time – Peak Reading • Power Inventory – Attribute * System Idle Power * System Maximum Potential Power – Value • Power Budget

Category	Attributes
	– Attribute * Enable Power Cap * Power Cap – Values • Power Profiles – Maximum Performance – Active Power Controller – OS Control – Custom

Storage Items List

The storage items list includes the following:

- Controllers Information
- Battery
- Enclosures
- Array Disks
- Virtual Disks
- IDE Controller
- Channel
- Physical Disks (Non-RAID)
- Enclosure Details
- Tape
- SATA
- Fibre Channel HBA
- iSCSI

Table 2. : Storage Category and Attributes

Category	Attributes
Controllers Information	• Properties – ID – Name – State – Firmware Version – Minimum Required Firmware Version – Driver Version – Minimum Required Driver Version – Storport Driver Version – Number of Connectors – Rebuild Rate – BGI Rate – Check consistency Rate – Reconstruct Rate – Security Capable – Security Key Present – Alarm State – SCSI Initiator ID – Cache Memory Size

Category	Attributes
	– Patrol Read Mode – Patrol Read State – Patrol Read Rate – Patrol Read Iterations – Abort Check Consistency on Error – Allow Revertible Hot Spare and Replace Member – Load Balance – Auto Replace Member on Predictive Failure – CacheCade Capable – Encryption Capable – Encryption Key Present – Encryption Mode (New) – Cluster Mode – Persistent Hot Spare – Connector Type – Termination – SCSI Rate – SCSI Initiator ID – Spin Down Unconfigured Drives – Spin Down Hot Spares – Spin Down Configured Drives – Automatic Disk Power Saving (Idle C)
Battery	• Status • Name • State • Recharge Count • Max Recharge Count • Predicted Capacity Status • Learn State • Next Learn Time • Maximum Learn Delay • Learn Mode
Enclosure	• ID • Status • Name • State • Connector • Target ID • Configuration • Firmware Version • Service Tag

Category	Attributes
	- Express Service Code - Asset Tag - Asset Name - Backplane Part Number - Split Bus Part Number - Enclosure Part Number - SAS Address - SCSI Rate - Enclosure Alarm
Array Disks	- Status - Power Status - Name - State - Failure Predicted - Certified - Encryption Capable - Secured - Progress - Bus Protocol - Media - Part of Cache Pool (New) - Device Life Remaining (New) - Driver Version (New) - Model Number - Mirror Set ID - Capacity - Used RAID Disk Space - Available RAID Disk Space - Hot Spare - Vendor ID - Product ID - Revision - Serial No. - Part Number - Negotiated Speed - Capable Speed - Device Write Cache (New) - Manufacture Day - Manufacture Week - Manufacture Year - SAS Address
Virtual Disks	- Status - Name

Category	Attributes
	• State • Progress • Layout • Size • Device Name • Bus Protocol • Media • Read Policy • Write Policy • Stripe Element Size • Disk Cache Policy
IDE Controller	• Name • Status • Firmware Version • Device Descriptor • Description • Device location • Parent location • Manufacturer • Serial No. • Model Number • Asset Tag • Channels • CD/DVD/Floppy Drive Name • CD/DVD/Floppy Drive Firmware • CD/DVD/Floppy Drive Location on PCI Bus
Channel	• Status • Name • State • Connector Type • Termination • SCSI Rate
Physical Disks (Non-RAID)	• Status • Disk Channel • SCSI ID • LUN • Drive Vendor/Product ID • Drive Firmware Rev • Drive Signature
Enclosure Details	• Enclosure Management Modules:

Category	Attributes
	– Status – Name – State – Part Number – Firmware Version – SCSI Rate • Fans: – Name – State – Part Number – Status – Speed • Power Supplies: – Name – State – Part Number • Temperature: – Status – Name – State – Reading – Minimum/Maximum Warning Threshold – Minimum/Maximum Critical Threshold
Tape	• Name • Status • Firmware • Device Descriptor • Device Location • Parent Location • Manufacturer • Serial Number • Model Number  NOTE: Other tape device specific information such as whether clean is required, power on hours etc.
SATA	• Controller Status • Firmware • Device Location • Parent Location • Manufacturer • Channels • SATA Disk State

Category	Attributes
	• SATA Disk Capacity • SATA Disk Vendor ID • SATA Disk Product ID
Fibre Channel HBA	• HBA name • HBA model • Firmware • Driver • Type • Vendor • HBA port
iSCSI	• Initiator info • Targets list • Session – Session ID – Initiator Node Name – Target Node Name – Target Name – ISID – TSID – Connection Count • Connections – Connection ID – Initiator Portal – Target Portal – CID • Devices – Device Type – Device Number – Partition Number – Friendly Name – Device Description – Reported Mappings – Location – Initiator Name – Device Interface Name – Device Instance • Portals – Portal Address and Socket – Symbolic Name – Port Number

Software Items List

The software items list includes the following:

- OS Summary
- Internet Explorer
- Uptime Logs
- Resources
 - DMA
 - IRQ
 - Memory Allocations
 - IO Ranges
- Components
 - Display Information
 - Startup List
 - USB
 - Problem Devices
 - Network Adapter Information
 - Storage Information
- Environment
 - Environment Variables
 - Drivers
 - Processes
 - Installed Items
 - Service Information
 - Modules
 - Boot/Page Info
 - Registry Items
 - Kernel Dump
- Logs
 - Application Log
 - System Log
 - Dr. Watson
- Modem
- Operating System Startup Items
- OpenManage Components

Table 3. : Software Category and Attributes

Category	Attributes
OS Summary	• OS Name • Version • Other OS Description • OS Manufacturer • Activation Status • System Name • System Manufacturer • System Model • System Type • Processor • BIOS Version Date • SMBIOS Version • Windows Directory • System Directory • Boot Device • Locale • Hardware Abstraction Layer • User Name • Time Zone • OS Install Date • Total Physical Memory • Available Physical Memory • Total Virtual Memory • Available Virtual Memory • Page File Space • Page File
Internet Explorer	• Name • MkEnabled • Build • Version • Windows Version • IntegratedBrowser • AutoHide • Security Risk Page • Extensions Off Page • Default_Page_URL • Default_Search_URL • Search Page • Enable_Disk_Cache • Cache_Percent_of_Disk • Delete_Temp_Files_On_Exit • Local Page

Category	Attributes
	• Anchor_Visitation_Horizon • Use_Async_DNS • Placeholder_Width • Placeholder_Height • Default_Secondary_Page_URL • Start Page • Company Name • Custom_Key • Wizard_Version • FullScreen
Uptime Log	• Current System Uptime • Total Availability Percentage • Total Up Time • Total Down Time • Total Reboots • Total Blue Screens
Resources	• DMA – Channel – Device – Status • IRQ – IRQ – Device • Memory Allocations – Range – Device – Status • IO Ranges – Address_Range – Device – Status
Component	• Display Information – Program – PNP Device ID – Adapter Type – Adapter Description – Adapter RAM – Installed Drivers – Driver Version

Category	Attributes
	– INF File – Color Planes – Color Table Entries – Resolution – Bits/Pixel • Startup List – Program – Command – User Name – Location • USB – Name – PnP Device ID • Problem Devices – Device – Error Code • Network Adapter Information – Product Type – Installed – Last Reset – Index – DHCP Enabled – IP Enabled – PNP Device ID – Service Name – Adapter Type – MAC Address – DNS Server IP – DNS Domain – Driver Path – DHCP Server – DHCP Lease Expires – DHCP Lease Obtained – IP Address – IP Subnet – Default IP Gateway – Connectionless Service – Guarantees Delivery – Guarantees Sequencing – Minimum Address Size – Maximum Address Size

Category	Attributes
	– Maximum Message Size – Maximum Message Size – Message Oriented – Pseudo Stream Oriented – Supports Broadcasting – Supports Connect Data – Supports Disconnect Data – Supports Encryption – Supports ExpeditedData – Supports Graceful Closing – Supports Guaranteed Bandwidth – Supports Multicasting • Storage Information – Description – Compressed – File System – Size – Free Space – Volume Name – Volume Serial Number – Manufacturer – Provider Name Model – Bytes Per Sector – Media Loaded – Media Type – Partitions – SCSI Bus – SCSI Logical Unit – SCSI Port – SCSI TargetID – Sectors Per Track – Total Cylinders – Total Sectors – Total Tracks – Tracks Per Cylinder – PartitionDiskIndex – Partition – Partition Size – Partition Start – Bootable Partition – Partition Type
Environment	• Environment Variables – Variable

Category	Attributes
	– Variable Value – User Name – System Variable • Drivers – Internal Name – Description – File – Version – Type – Start – Status – Name – Company • Processes – Name – ID – Mem Usage – VM Size – Paged Pool – NP Pool – Page Faults – CPU Time – Priority – Threads – Handles – Started – Path – GDI Objects – User Objects – IO Reads – IO Writes – IO Other – Read bytes – Write bytes – Other bytes • Installed Items – Name – Version – InstallLocation – InstallSource – Install date – Publisher – URL Info About • Service Information

Category	Attributes
	– Display Name – Service Name – State – Start Mode – Service Type – Service Path – Error Control – Start Name • Modules – Internal Name – Version – Size – File Date Time – Manufacturer – Source Path • Boot/Page Info – Boot.ini Settings Pagefile * Path * Initial Size * Current Size * Max Size * Max Total Size • Registry Items – HKLM\SOFTWARE\Dell – HKLM\Software\Dell Computer Corporation – HKLM\Software\American Megatrends Inc. – HKLM\Software\Adaptec – HKLM\Software\ComputerAssociates – HKLM\SYSTEM\CurrentControlSet\Services\ql2200 – HKLM\SYSTEM\CurrentControlSet\Services\ql2200\Parameters – HKLM\SYSTEM\CurrentControlSet\Services\ql2x00_override\Parameters – HKLM\SYSTEM\CurrentControlSet\Services\qldirect\Parameters – HKLM\SYSTEM\CurrentControlSet\Services\qldirect_override\Parameters – HKLM\SYSTEM\CurrentControlSet\Services\SNMP\Parameters\ExtensionAgents – HKLM\Cluster – HKLM\SYSTEM\CurrentControlSet\Control\Class

Category	Attributes
	– HKLM\SYSTEM\CurrentControlSet\Services – HKLM\SOFTWARE\Storage Consolidation • Kernel Dump – Dump Location – Minidump Location
Logs	• Applications Log – Status – Type – Source – DateTime – Event ID – Message or Comment • System Log – Status – Type – Source – DateTime – Event ID – Message or Comment • Dr. Watson Log – Dump settings – Dump file location
Modem	Manufacturer
Operating System Startup Items	• Program • Command • Location • EXE/Registry Path • User Name
OpenManage Components	• OpenManage Suite Version • Name • Version

Log Files List

The log files list includes the following:

- Logs Gathered by Script/Tools
- OpenManage Server Administrator Configurations
- RAC3/4 Logs
- 23 IT Assitant 7/MSDE Configurations
- EMC PowerPath
- Netstat
- StorageC
- Windows Clustering
- Windows (Only for Windows 2008)
- Logs Gathered With Log.ini

Table 4. : Logs Category and List

Category	List
Logs Gathered by Script/Tools	• Netstat -e & netstat -r • Adaptec Controller Logs (from firmware) • LSI Controller Logs (from firmware)
OpenManage Server Administrator Configurations	• Alert Action • Alert Log • Cmdlog • Events • PE destinations • Platformevents • SNMP Envents • PDK inventory.xml
RAC3/4 Logs	• RACADM getsysinfo • RACADM getraclog • RACADM gettracelog
23 IT Assitant 7/MSDE Configurations	• DCDBMNG Agent • DCDBMNG Applog • DCDBMNG Device • DCDBMNG DeviceGroup • DCDBMNG DeviceGroupHierarchy • DCDBMNG DiscoveryConfiguration

Category	List
	• DCDBMNG EventFilter • DCDBMNG EventFilterActionAssociation • DCDBMNG EventFilterCategoryAssociation • DCDBMNG EventFilterSourceAssociation • DCDBMNG EventStoredAction • DCDBMNG EventManager • DCDBMNG GlobalConfigurationView
EMC PowerPath	• POWERMT version • POWERMT check_registration • POWERMT display • POWERMT paths • POWERMT options
Netstat	netstatinfo
StorageC	• STORAGEEC stat • STORAGEEC showdl
Windows Clustering	• CLUSTER . res • CLUSTER . res /priv • CLUSTER . netint • CLUSTER . /quorum
Windows (Only for Windows 2008)	• Event Logs – ADSIDebug – Application – BitsclientAnalytic – BitsClientOperational – CAPI2Operational – CFRClientOperational – CFIServerOperational – Codeintegrityoperational – CodeIntegrityVerbose – COMAnalytic – CredentialRoaminOperational – DateTimeControlPanelAnalytic – DateTimeControlPanelOperation – DCLocatorDebug – DiagnosisPLADebug – DiagnosticNetworkingDebug – DiagnosticNetworkingOperational – DPSAnalytic – DPSDebug

Category	List
	– DPSOperational – DriverframeworksUserModeOperational – DxgkrnlDiagnostic – EFSDebug EndpointMapper – EventCollectorDebug – EventCollectorOperational – EventLogAnalytic – EventLogDebug – EventLogForwardpluginDebug – EventLogWMIPProviderDebug – FileInfoMinifilterOperational – FirewallCPLDiagnostic – ForwardedEvents – ForwardingOperational – FunctionDiscoveryHostTracing – GroupPolicyOperational – HardwareEvents – HelpOperational – HttpServiceTrace – InternationalOperational – InternetExplorer – IPECSRVDiagnostic – KernelAcpiDiagnostic – KernelBootDiagnosticsDiagnostic – KernelPnDiagnostic – KernelPowerDiagnostic – KernelPrefetchDiagnostic – KernelProcessAnalytic – KernelProcessorPowerDiagnostic – KernelRegistryAnalytic – KernelWDIAntalytic – KernelWDIDebug – KernelWDIOperational – KernelWHEA – KeyManagementService – LanguagePackAnalytic – LanguagePackSetupDebug – LDAPClientDebug – MPSCLNDiagnostic – MPSDRVDiagnostic – MPSSRVDiagnostic – MSDTDebug – MSDTOperational – MUIOperational

Category	List
	– NetworkAccessProtectionOperational – Offlinefilesanalytic – OfflineFilesDebug – OfflineFilesOperational – OfflineFilesSyncLog – PerfHostAnalytic – PLAOperational – PowerCFGDiagnostic – PowerCPLDiagnostic – PrintSpoolerAuxAnalytic – PrintSpoolerCoreAnalytic – PrintSpoolerCoreDebug – QoSpacerDebug – ReliabilityAnalysisComponentmetrics – RPCDebug – RPCEInfo – Security – SenseDebug – SecurWUSADebug – ServerManagerAnalytic – ServerManagerOperational – ServiceReportingApiDebug – ServicesDiagnostic – Setup ShellAuthUIDiagnostic – ShellAuthUIShutdownDiagnostic – ShellDefaultprogramsDiagnostic – Shellshwebsvc – System TaskSchedulerDebug – TaskSchedulerDiagnostic – TerminalDevicesPnDevicesAdmin – TerminalDevicesPnDevicesAnalytic – UACDiagnostic – WinlogonOperational – WinRMAAnalytic – WMIActivityTrace – WUSADebug

Logs Gathered With Log.ini

- General Windows Logs
 - %SYSTEMROOT%\ntbtlog.txt
 - %SYSTEMROOT%\setupapi.log
 - %SYSTEMROOT%\setuperr.log
 - %SYSTEMROOT%\setuplog.txt
- OMSA Configuration File
 - %DengPath%\ini*.ini

Category	List
	– %DisneyPath%\ini*.ini – %DisneyPath%\log*.* – %OMAPath%\ini*.ini – %SystemRoot%\dc*.log • OpenManage 3.x Installation Logs – %SystemDrive%\temp\ominstal.log – %SystemDrive%\temp\OMPROG – %SystemDrive%\temp\omstatus.log – %SystemDrive%\temp\DOMSA_SETUP.LOG – %SystemDrive%\temp\DOMSA_UNINSTAL.LOG – %SystemRoot%\ominstal.db – %SystemRoot%*.oil – %SystemDrive%\temp\denginst.log – %SystemDrive%\temp\isvcinst.log – %SystemDrive%\temp\omclean.log – %SystemDrive%\temp\rac3.log • Dell Update Package Logs — %SystemDrive%\Dell\UpdatePackage\log\support*.* • OpenManage Remote Install Logs – %SystemDrive%\dell\openmanage\netstart\oem\jboss\log\server.log – %SystemDrive%\dell\openmanage\netstart\KickStart\KSDebug.txt – %SystemDrive%\dell\openmanage\netstart\ddhcp\ddhcp.log – %SystemDrive%\dell\openmanage\netstart\ddhcp\DDHCP.cfg – %SystemDrive%\dell\openmanage\netstart\StaticIP.txt – %OMmainPath%\ns\log\nsapi.log • OpenManage 4.x Installation Logs – %OMIpath%\MgmtST*.log – %OMIpath%\SysMgmt*.log – %OMIpath%*prereq*.* – %OMIpath%\msdeinstall.log • Dell Server Assistant CD Logs – %SystemDrive%\summary.htm – %SystemDrive%\unattend.txt – %SystemDrive%\txtsetup.oem – %SystemDrive%\Replication*.xml • Array Manager Logs – %AMpath%\VxSvc.log

Category	List
	– %AMpath%\VxsvcAlert.Log • Online Diagnostics Logs – %SystemDrive%\dell\diagnostics\log*.xml – %SystemDrive%\dell\diagnostics\log*.log • IT Assistant Configuration and Logs – %ITasstPath%\configuration\dconfig.ini – %SystemDrive%\msde_*.log – %SystemDrive%*.dcnetmon – %SystemDrive%*.dcappserver – %SystemRoot%\SQLHotFix*.* – %OMIpath%\Netfx.log – %OMIpath%\jsredistMSI.log – %OMIpath%\jsredistSetup.log – %SystemDrive%\temp\ITALog – %SystemDrive%\inetpub\mailroot\Queue*.* – %SystemDrive%\inetpub\mailroot\Drop*.* – %SystemDrive%\inetpub\mailroot\Pickup*.* – %DSETPath%\bin\ita\SQLtables*.txt – %ITasstPath%\bin*.exception – %SystemDrive%\temp\ITA*.* – %ITasstPath%\ITA_discovery_details.txt – %SystemDrive%*.connectionservice • Windows Cluster Logs – %SYSTEMROOT%\cluster*.log – %systemroot%\System32\Logfiles\Cluster\CICfgSrv.log – %systemroot%\Cluster\ChkDsk*.* • Dell System Update Utility Logs — %SystemDrive%\dell\suu\log\support*.* • NIC Teaming Configuration – Intel – Broadcom Teaming Config • NAS – %systemroot%\system32*vds*.log – %systemroot%\system32\Storagemgmt_san.log – %systemroot%\system32\Storagemgmt.log – %systemroot%\DSIW.log • EMC

Category	List
	– %systemdrive%\programfiles\emc\symapi\log\EMCVDSHardwareProvider.log – %systemdrive%\programfiles\emc\symapi\log\Hwprov.log – %systemdrive%\programfiles\emc\symapi\log\symapi*.log
	• MD1000 — SES log in MD1000 EMM