NOKIA

5620 SAM
SERVICE AWARE MANAGER

HP c7000 GNE Driver Version
1.0.0 Guide

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Contents

About this document

Purpose

The 5620 SAM HP c7000 Driver version 1.0.0 document provides information about the HP c7000 driver version 1.0.0, including compatibility information, driver capabilities, known issues, and discovery and management instructions.

The 5620 SAM manages HP c7000 hardware separately from the 9471 WMM using the GNE management function. Fault management support for the HP c7000 requires the import of a specific GNE driver before discovering the hardware, and is limited to hardware "health" alarms that indicate the status of the platform. Following management of the HP c7000 components, you can bind the associated GNE to the 9471 WMM instance.

The driver documents are available on OLCS.

Document support

Customer documentation and product support URLs:
- Customer Documentation Welcome Page
- Technical support

How to comment

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HP c7000 GNE Driver Version 1.0.0 Guide

1   HP c7000 driver version 1.0.0

1.1   Driver capabilities

The following table lists HP c7000 driver version 1.0.0 capabilities. The driver extends the management capabilities of the 5620 SAM for HP c7000 devices in the following applicable areas.

Configuration management
GNE profile automation: The GNE profile for the HPc7000 is automatically created when the driver is installed.
Alarm catalog integration: The HP c7000 alarm catalog is automatically populated during driver installation. Operators can edit the alarm catalog to customize alarm characteristics.
Service management
Not applicable
Tunnel management
Not applicable
Network assurance
Not applicable
Service assurance
Not applicable
Fault management
Alarm resynchronization – The 5620 SAM performs periodic polling of trap sequence numbers and detects gaps, if present. Upon NE alarm loss detection, the 5620 SAM performs full NE alarm resynchronization.

1.2   Closed issues

There are no closed issues to report.

1.3   Outstanding issues

There are no outstanding issues to report.

2 Discovery and management

2.1 HP c7000 post-installation configuration instructions

The following instructions provide information specific to HP c7000 device configuration and discovery. The 5620 SAM User Guide chapter "Device commissioning and management" should be consulted for full procedural details.

Create mediation policies and configure a discovery rule

1. Use the 5620 SAM to create an SNMP v3 (USM) mediation policy. See the 5620 SAM User Guide for information about creating mediation policies.

2. Use the 5620 SAM to configure a discovery rule for the HP c7000 that includes the SNMP v3 (USM) mediation policy; see the 5620 SAM User Guide for information about creating discovery rules.

Associate the GNE with the HP c7000 alarm catalog

1. Open the properties form of the GNE by right-clicking on the GNE in the equipment tree or topology map and choosing Properties. The Network Element form opens.

2. In the General tab→Generic NE panel, click Properties for Generic NE Type. The Generic NE Profile form opens.

3. Click on the Trap Configuration tab.

4. Click on the Trap Configuration tab.

5. In the Alarm Catalog panel, click Select and choose the HP c7000 alarm catalog.

6. Save the changes and close the form.

Associate the GNE with 9471 WMM instances as needed

• Open the properties form of a WMM instance.

• In the General tab, click Select in the Associated Hardware panel and specify the required GNE. The Associated Hardware panel is not displayed if the 9471 WMM is not an ngWMM (NextGen WMM).

• Save the changes and close the form.