QuickSpecs

Overview

HP Insight Management module for Netcool/OMNIbus is a comprehensive solution that provides infrastructure management across a wide range of operating system platforms. This functionality enables you to manage HP server and storage hardware, in addition to other enterprise resources, from a common Netcool/OMNIbus environment. Supported operating platforms for host include HP-UX, Sun Solaris, Windows Server® 2000, Windows Server® 2003, Windows Server® 2008 and Linux. Supported operating platforms for managed systems include HP-UX, Sun Solaris, IBM AIX, Windows Server® 2000, Windows Server® 2003, Windows Server® 2008, Linux, HP Tru64 UNIX®, and HP OpenVMS.

The HP Insight Management module for Netcool/OMNIbus provides definitions for over 2578 individual notifications defined in its rules file and to correlate nearly 785 SNMP events. These definitions and rules integrate closely with the Netcool/OMNIbus application using the Mttrapd probe, enabling HP SNMP events and Fibre Channel Management SNMP events to be identified, processed, translated, and appear on the Event List.

HP Insight Management module for Netcool/OMNIbus has been developed to integrate over 2550 HP ProLiant SNMP traps generated by HP Insight Management Agents and includes event translation and automated event correlation. The Mttrapd probe helps provide this capability.

Revision 5.1 of the Insight Management for Netcool/Omnibus includes the following updates:

- Version 5.1 is the update to the "HP Insight Management Module for Netcool/OMNIbus" version 5.0. This release provides the following updates to support HP Insight Management Agents up to version 9.20:
- Support for the following new events defined in MIB files in version 8.70 up to 9.20:
- Provided support for CPQRACK notifications for Rack Information events.
- Provided support for CPQHOST notifications for Host system information events.
- Provided support for CPQIDA notifications for intelligent drive array events.
- Provided support for CPQSCSI notifications for SCSI device information events.
- Provided support for CPQSTSYS notifications for Storage systems information events.
- Provided support for vc-module-mib notifications for Virtual Connect Module events.
- Provided support for CPQSASSWITCH-MIB notifications for CPQ SAS SWITCH SNMP events.
- Provided support for LEFT HAND NETWORKS notifications for storage nodes.
- Provided support for CPQSM2 notifications for remote insight/integrated lights-out events.
- Provided support for CPQIDE notifications for manageable IDE support events.

Models

HP Insight Management for Netcool/OMNIbus

For further product information and to download the software, please visit the following location:
http://h18013.www1.hp.com/products/servers/management/tivoli-enterprise.html

Standard Features

Protocols Supported	TCP/IP
Agent Requirements	HP Insight Management Agents for Servers v5.50 or later recommended as a minimum.
HP Hardware Support	All HP server hardware systems that support Insight Management Agents for Servers v5.50 or higher. This includes HP ProLiant servers and storage configurations that implement Insight Management Agents.

Features

- Integrates into Netcool/OMNIbus v7.2.1 on HP-UX, AIX, Solaris, Linux and Windows®
- Contains over 2578 SNMP trap definitions for HP ProLiant servers and HP storage platforms
- Translates and displays SNMP events from all Managed Nodes and Endpoints that have HP Insight Management Agents installed on Microsoft® Windows NT®, Windows® 2000, Windows® 2003, Windows® 2008, NetWare, Solaris, Linux, Tru64 UNIX®, and Open VMS
- Provides predefined rules that identify and correlate nearly 785 HP ProLiant and Fibre Channel Management SNMP events
- Provides support up to HP Insight Management Agents version 9.20 for ProLiant servers
- Netcool/OMNIbus is a service level management (SLM) system that delivers real-time, centralized monitoring of complex networks and IT domains.
- This information can then be:
    - Assigned to operators
    - Passed to helpdesk systems
    - Logged in a database
    - Replicated on a remote Tivoli Netcool/OMNIbus system
    - Used to trigger automatic responses to certain events
- Netcool/OMNIbus minimizes deployment time and enables employees to use their existing network management skills.
- Netcool/OMNIbus tracks alert information in a high-performance, in-memory database, and presents information of interest to specific users through filters and views that can be configured individually.
- The Netcool/OMNIbus components work together to collect and manage network event information.
- Maximizes customer investments in HP systems hardware and the Netcool/OMNIbus Enterprise Management.
- Streamlines IT administration and increases systems availability.
- Provided support for CPQRACK notifications for Rack Information mib.
- Provided support for CPQHOST notifications for Host system information events.
- Provided support for CPQIDA notifications for intelligent drive array events.
- Provided support for CPQSCSI notifications for SCSI device information events.
- Provided support for LEFT HAND NETWORKS notifications for storage nodes.

SNMP V1 Compliance	Standard MIB Support, including RFC1213, RFC1398 and RFC1231
Software Availability	The HP Insight Management for Netcool/OMNIbus can be downloaded for no charge by registering through the following link: https://h20392.www2.hp.com/portal/swdepot/displayProductInfo.do?productNumber=HPIINETCOOL

Technical Specifications

Version Support	HP Insight Management module for Netcool/OMNIbus has been developed to work with the following applications: ● IBM Netcool/OMNIbus 7.2.1 ● IBM Tivoli Netcool/OMNIbus Mttrapd probe

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Netcool/OMNIbus Platform Support

On Sun Microsystems SPARC-based platforms, the following versions are supported:

● Solaris 8
● Solaris 9
● Solaris 10

On Hewlett-Packard PA-RISC-based platforms, the following version is supported:

● HP-UX 11i (11.11)

On Intel x86 processor and chipset-based platforms, the following versions are supported:

● Microsoft Windows 2000 Server
● Microsoft Windows 2000 Advanced Server
● Microsoft Windows 2003 Server
● Microsoft Windows 2000 Professional - desktop component only
● Microsoft Windows XP - desktop component only
● Red Hat Enterprise Linux AS, ES, and WS 3
● Red Hat Enterprise Linux AS, ES, and WS 4
● SUSE Linux Enterprise Server 9.2

Netcool/Omnibus Endpoint Platforms

All platforms supported by HP Insight Management Agents

● Windows® 2000
● Windows NT® 4.0 SP6
● Windows® 2003
● NetWare 5.x or later
● HP Tru64 UNIX® 5.1A and later
● HP OpenVMS 7.1 and later
● UnixWare 7 or later and Open UNIX® 8
● Linux
  ○ RedHat
  ○ SUSE
  ○ UnitedLinux 1.0

Technical Specifications

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