



HP OpenView Operations Agent for OpenVMS

Features at a glance

- Enables management of HP OpenVMS for AlphaServer systems and Integrity servers, and application events
- Provides object Management
- Provides for automatic discovery of OpenVMS server objects
- Enables user-defined service views of managed objects
- Allows for execution of both manual and automatic commands from HP OpenView Operations consoles
- Provides OpenVMS cluster awareness (addition and removal of cluster members)
- Installed using Polycenter Software Installation (PCSI) kit
- Integrated tightly with HP OpenView Operations for UNIX and HP OpenView Operations for Windows
- Provides control for time intervals and periods for monitoring

HP OpenView Operations Agent for OpenVMS is an out-of-the-box solution that provides seamless integration for managing HP OpenVMS with OpenView Operations for UNIX and HP OpenView Operations for Windows. OpenVMS systems are now included in the end-to-end enterprise management provided by OpenView.

HP OpenView Operations provides you with a service-driven approach to achieving business stability in the adaptive enterprise. It is a distributed large-scale management solution that monitors, controls and reports on the health and performance of the heterogeneous IT environment, thereby improving uptime for all layers that comprise the adaptive enterprise environments of today: the network, systems, databases, applications, services and the Internet.

OpenView Operations Agent for OpenVMS presents OpenVMS system status information to HP OpenView Operations consoles utilizing native HP OpenView agents and Smart Plug-ins (SPI) technology.

Monitoring

HP OpenView Operations Agent for OpenVMS monitors the performance, detects bottlenecks, and reports on the availability of OpenVMS running on AlphaServer systems and Integrity servers. This is accomplished through the System, Security, and Performance SPIs.

- System SPI (system data)
 - Changes in the hardware error count of devices
 - CPU and memory
 - Process availability
 - Disk states
 - Disk free space
 - Shadow sets
 - Batch and print queue states
 - Batch job availability
 - Cluster transitions (addition and removal of cluster members)
 - System intruders
- Security SPI (real-time security events)
 - Logins, logouts, and login failures
 - Changes to the user authorization, rights list, and network proxy files
 - Access to protected objects such as files, devices, global sections, and queues
 - Changes to the security attributes of protected objects
- Performance SPI (resource utilization data)
 - CPU utilization
 - Active CPUs
 - Memory utilization
 - Page and Swap file utilization
 - System page faults
 - Throughput on LAN devices
 - Direct I/O throughput and queue lengths on disks
 - Buffered and direct I/O counts
 - Looping processes
 - Total number of processes
 - Process quota utilization
 - Processes in various wait states
 - Processes in COM or COMO state
 - Non-paged pool expansions
 - Resource hash table utilization

Event Management

HP OpenView Operations Agent for OpenVMS enables selective filtering of critical system and performance events to OpenView Operations. Operations staff can create policies based on the filtering criteria and then easily customize alerts to meet specific needs and assign event severity levels.

The event management function allows the user to assign OpenVMS system processes and related events to a specific service view

Ordering Information

| <i>Product ID</i> | <i>Description</i> |
|-------------------|---|
| BA190AA | HP OpenView Operations Agent for OpenVMS Tier 4 LTU, License to manage one server running OpenVMS. 32+ processors. |
| BA191AA | HP OpenView Operations Agent for OpenVMS Tier 3 LTU, License to manage one server running OpenVMS. 9-16 processors. |
| BA192AA | HP OpenView Operations Agent for OpenVMS Tier 2 LTU, License to manage one server running OpenVMS. 4-8 processors. |
| BA193AA | HP OpenView Operations Agent for OpenVMS Tier 1 LTU, License to manage one server running OpenVMS. 1-2 processors. |

Specifications

System Requirements

| | |
|------------------------|---|
| Hardware | Any AlphaServer system or Integrity server supported by OpenVMS |
| Software and utilities | OpenVMS Alpha Version 7.3-2 and 8.2 and later OpenVMS for Integrity servers, Version 8.2 and later |

For more information

For more information on HP OpenView, please contact your local HP reseller or HP sales office.

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