



HP Interconnect Capabilities Guide

Version 3.50

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General Information

HP Interconnect (OVI) provides access to selected event, performance, service, and inventory data from the following:

- HP Operations Manager (OVO for UNIX 7.1 & 8.1 or greater and Windows 7.x)
- HP Network Node Manager version 6.4.1 or higher
- HP Service Navigator 7.1 and 8.1 or greater (UNIX) and 7.x or higher (Windows)
- HP Performance Manager 4.x for Windows, 5.x and 6.x for Windows or UNIX
- HP Transaction Analyzer version 2.0 or higher
- HP Service Desk 5.x or Service Desk 4.5 with Service Pack 5 or greater (SP 10 or greater is recommended)

OVI delivers HP Software data over the following message transports:

- HTTP(S), including SOAP over HTTP(S)
- TCP sockets
- Java Messaging Service (JMS). To view a list of message buses verified to work with OVI, see the *Install a JMS-Compliant Message Bus* section in the *HP Interconnect installation guide* (available at http://devresource.hp.com/drc/topics/ovi/docs/OVI_Install.pdf).

In addition, OVI enables users to create HP Operations Manager events and to easily transform XML messages from one form to another.

HP Interconnect supports:

- HP-UX 11.0, 11.11, 11.23 and 11.31
- Solaris 2.8, 2.9 and 2.10
- Microsoft® Windows® 2000 SP3 or greater and Windows® 2003
- Red Hat Linux Advanced Server 2.1

Pluglet Capabilities

OVI provides several application and utility pluglets that enable you to easily interact with HP Software data. Their names and capabilities are summarized in the following table:

Pluglet	HP Software Application with Which it Interacts	Capabilities
OvoInventoryPluglet	HP Operations Manager for UNIX 7.1 & 8.1 or greater	Create or delete nodes within OVO.
OvoEventPluglet	HP Operations Manager for UNIX 7.1 & 8.1 or greater	Receive notification of newly created messages in OVO.
OvoEventReadPluglet	HP Operations Manager for UNIX 7.1 & 8.1 or greater	Retrieve OVO messages satisfying specified criteria.
OvoEventChangePluglet	HP Operations Manager for UNIX 7.1 & 8.1 or greater	Receive OVO message change events.
OvoEventModifyPluglet	HP Operations Manager for UNIX 7.1 & 8.1 or greater	Modify existing OVO messages.
OvoEventEnrichmentPluglet	HP Operations Manager for UNIX 7.1 & 8.1 or greater	Enrich OVO messages using your own custom application OR, in combination with <code>SdServiceInfo</code> <code>EnrichmentPluglet</code> , enrich OVO messages using Service Desk data.

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Pluglet	HP Software Application with Which it Interacts	Capabilities
OvoEventActionPluglet	HP Operations Manager for UNIX 7.1 & 8.1 or greater	Execute automatic and operator-initiated actions defined on OVO messages. Also, query the status of those actions.
OvoEventCreatePluglet	HP Operations Manager for Unix 7.1 & 8.1 or greater and HP Operations Manager for Windows 7.x with version 7.25 or greater OVO agents	Create messages within OVO or OVO/W.
OvoWEEventPluglet	HP Operations Manager for Windows 7.x	Receive notification of messages created in OVO/W.
OvoWEEventChangePluglet	HP Operations Manager for Windows 7.x	Receive message change events from OVO/W.
OvoWEEventModifyPluglet	HP Operations Manager for Windows 7.x	Modify existing OVO/W messages.
OvoWEEventActionPluglet	HP Operations Manager for Windows 7.x	Execute automatic and operator-initiated actions defined on OVO/W messages. Also, query the status of those actions.
NnmInventoryPluglet	HP Network Node Manager version 6.4.1 or higher	Retrieve network inventory information from NNM.

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Pluglet	HP Software Application with Which it Interacts	Capabilities
NnmSnmpCollectPluglet	HP Network Node Manager version 6.4.1 or higher	Retrieve performance data directly from NNM SNMP performance metric files.
NnmInventorySnmpEventPluglet	HP Network Node Manager version 6.4.1 or higher	Receive raw or correlated SNMP inventory events from NNM.
NnmEventReadPluglet	HP Network Node Manager version 7.5 or higher	Retrieve events from NNM.
SdInventoryPluglet	HP Service Desk 5.x or 4.5 with Service Pack 5 or greater (SP 10 or greater recommended)	Perform create, read, update and delete operations on specified configuration items, services, persons, organizations, incidents or service calls.
SdServiceInfoEnrichmentPluglet	HP Service Desk 5.x or 4.5 with Service Pack 5 or greater (SP 10 or greater recommended)	When used with <code>OvoEventEnrichmentPluglet</code> , allow event data from OVO to be enhanced with service-related data from Service Desk.

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Pluglet	HP Software Application with Which it Interacts	Capabilities
SNQueryPluglet	HP Service Navigator for UNIX 7.1 & 8.1 or greater	Obtain service problem root cause and impacted services information from Service Navigator. Alternatively, retrieve service hierarchy data representing the tree of children and dependencies of a given service. Returned service information includes the status of each listed service.
SNWQueryPluglet	HP Service Navigator for Windows 7.x or higher	Obtain service problem root cause and impacted services information from Service Navigator. Alternatively, retrieve service hierarchy data representing the tree of children and dependencies of a given service. Returned service information includes the status of each listed service.

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Pluglet	HP Software Application with Which it Interacts	Capabilities
OvpmQueryPluglet	HP Performance Manager 4.x for Windows, 5.x and 6.x for Windows or UNIX. The full OVPM product, whether acquired alone or in a product bundle, is required rather than just the HPGC (HP Graphing Component) portion embedded in products like OVO/W, OVIS, and Reporter	Query OVPM for HP Software performance metric data and performance reports from specified systems within a given time frame. Also, query OVPM for a list of data sources and entities (i.e., systems or probes) for which it is collecting data and a list of the metrics being collected for a specific data source and entity pair.
OvtaQueryPluglet	HP Transaction Analyzer version 2.0 or higher	Retrieve transaction data from OVTA that meets specified criteria.
CommandResponderPluglet	—	Receive a request containing a command to execute on the local system, execute the command, and return its result.
FileReaderPluglet	—	Periodically monitor the files written to a specified directory, read the new files that are there, and publish the files' content.

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Pluglet	HP Software Application with Which it Interacts	Capabilities
TestDirectorySinkPluglet	—	Receive incoming messages and write each message to a new file in the configured directory.
PubSubXslTransformerPluglet & ReqRespXslTransformerPluglet	—	Perform one XSL transformation per incoming message (for publish/subscribe scenarios) <i>or</i> two XSL transformations (for request/response situations), one on the incoming request and another on the response before it is returned.