

OVPI Report Packs

Version 8.0 (June 2005)

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New Features in this Release

The June 2005 report pack CD contains reporting solutions that install on HP OpenView Performance Insight (OVPI), a performance management and reporting application. This release of reporting solutions includes two new report packs and three enhanced report packs, in addition to the report packs, datapipes, and shared packages released as Reporting and Network Solutions (RNS) 7.0 in November 2004.

The following report packs are new:

- Application Server Report Pack 1.0
- Database Report Pack 1.0

The following report packs are enhanced:

- Interface Reporting 5.0
- Device Resource 3.1
- System Resource 4.1

The three enhanced report packs and the new Database Report Pack implement new features that require OVPI 5.1:

- Report linking
- Launch Point page
- Ad hoc selector reports
- Drop-down lists for easy instance selection
- Color-coded graphics in selection tables

The links in reports allow you to move quickly from one report to another without having to close the report you are viewing, open a report folder, and select another report. Navigating reports is now similar to navigating a web site. You have numerous links to follow and investigating a specific area of interest is easier and more efficient. In addition to moving from one report to another report within the same report pack, you can also investigate a different aspect of the same element by linking to reports in a different report pack.

The Launch Point page provides an overview of the package. It groups reports into convenient categories, such as Near Real Time reports, forecasting reports, and ad hoc selector reports. The ad hoc selector option opens a mini-report that lets you select specific elements from a set of drop-down menus. In addition to letting you easily pinpoint an item of interest, response time is especially good since so few queries are involved.

The hidden text under each report pack indicates whether or not the package has changed since November 2004. If a package has changed, the hidden text indicates what those changes are. Two kinds of changes are common: defect fixes and the addition of new upgrade packages. When a package has a new upgrade package, or several new upgrade packages, each upgrade package is listed.

NOTE: The Smart Plug-ins for Network Node Manager and the report packs for OVPI are no longer distributed on the same CD. NNM Smart Plug-ins, including the integration module required for integrating NNM and OVPI, reside on the NNM Smart Plug-ins CD, version 9.0, June 2005.

Shared Packages

Shared packages are prerequisites for other packages.

Common Properties Tables, version 3.5

The Common Property Tables package allows multiple reporting solutions to share the same property data. Sharing property data eliminates duplication, allows the database to operate more efficiently, and simplifies the administration of report packs.

New upgrade package: `UPGRADE_Common_Property_Tables_to_35`

Thresholds Module, version 5.0

The Threshold and Event Generation Module monitors the database for exceptions. When it detects that a threshold has been breached or that a previously breached threshold has returned to normal, the Thresholds Module invokes an action. The default action is to send an SNMP trap to the network management system. Additional actions (email and user scripts) can be configured.

No changes.

Interface Discovery Datapipe, version 2.2

The Interface Discovery Datapipe supports interface re-indexing. This datapipe is required by multiple report packs and datapipes, including the Interface Reporting ifEntry Datapipe.

Defect fixes.

NetFlow Preprocessor, version 3.0

The NetFlow Preprocessor processes output from a flow collector application (HP's Internet Usage Manager or Cisco FlowCollector). It performs filtering and aggregation. Filtering is extremely important. It eliminates unnecessary flow data. The NetFlow Preprocessor is a prerequisite for the NetFlow Interface Report Pack and the NetFlow Global View Report Pack.

No changes.

Newbridge Preprocessor, version 3.0

The Newbridge Preprocessor filters and formats output from the Newbridge MainstreetXpress 46020. Formatting produces a file that can be read by OVPI datapipes; filtering ensures that the datapipe receives the statistics expected by the report pack.

No changes.

Stratacom Preprocessor, version 3.0

The Stratacom Preprocessor filters and formats performance data produced by Stratacom devices. Formatting produces a file that can be read by OVPI datapipes; filtering ensures that the datapipe received the statistics expected by the report pack.

No changes.

Report Packs

Installing a report pack configures OVPI to summarize and aggregate collected data in accordance with specific processing directives.

Application Server Report Pack, version 1.0

The Application Server Report Pack is designed to make application server performance management easier and more precise. This package contains a set of generic reports that are applicable to any application server, and two sub-packages, the WebLogic sub-package, and the WebSphere sub-package. The generic reports measure availability, transaction throughput, EJP pool utilization, connection pool utilization, servlet response times, and servlet request rate. Reports in the sub-packages monitor JMS throughput, utilization, and execute queue throughput.

AppServer WebLogic SPI Datapipe, version 1.0

The AppServer WebLogic SPI Datapipe collects data from the WebLogic SPI.

AppServer WebSphere SPI Datapipe, version 1.0

The AppServer WebSphere SPI Datapipe collects data from the WebSphere SPI.

ATM Report Pack, version 3.0

The ATM Report Pack monitors switches and CPE devices from multiple ATM vendors. There are three folders: PVC, Port, and SVC. Reports in the PVC folder monitor peak cell rate, sustained cell rate, and the percentage of dropped cells. Reports in the Port folder monitor the number of cell bits transmitted, utilization, discards, and errors. Reports in the SVC folder monitor success rate of call attempts and the number of calls per second.

New upgrade package: UPGRADE_ATM_to_3

ATM ifEntry Datapipe, version 1.0

The ATMifEntry Datapipe collects performance data from RFC1315, Nortel FRSW, and Nortel WAN780 devices.

No changes.

Ascend ATM Datapipe, version 3.0

The Ascend DataPipe collects performance data from Ascend devices.

No changes.

FORE ATM Datapipe, version 3.0

The Marconi/Fore ATM Datapipe collects data from Marconi/Fore devices.

No changes.

Newbridge ATM Datapipe, version 3.0

The Newbridge ATM Datapipe imports data from the Newbridge Preprocessor.

No changes.

Stratacom ATM Datapipe, version 3.0

The Stratacom ATM Datapipe imports data from the Stratacom Preprocessor.

No changes.

Cisco ATM Datapipe, version 3.0

The Cisco Router ATM Datapipe polls performance data produced by Cisco routers.

No changes.

IP Access Rate Report Pack, version 3.0

The IP Access Rate Report Pack provides QoS metrics for interfaces configured with rate-limiting objects and functions as a supplement to the Interface Reporting Report Pack.

No changes.

Cisco IP Access Rate Datapipe, version 3.0

The Cisco IP Access Rate Datapipe polls the CISCO-CAR-MIB and stores data in database tables maintained by OVPI and the IP Access Rate Reporting Report Pack.

No changes.

IP QoS Statistics Report Pack, version 3.0

The IP QoS Statistics Report Pack supplements the Interface Reporting Report Pack by adding IP precedence data collected from the IPSTAT MIB. The IPSTAT MIB identifies the interface, the direction of traffic (input rate or output rate), the precedence level (0 through 7), and traffic volume in bytes and packets.

No changes.

Cisco IP QoS Statistics Datapipe, version 3.0

The Cisco IP QoS Stat Datapipe polls the IPSTAT MIB for the IP QoS Statistics Report Pack.

No changes.

Cisco IP Telephony Call Detail Report Pack, version 2.0

The Cisco IP Telephony Call Detail Report Pack analyzes data collected from Cisco CallManager and displays statistics for quality of service, traffic information, and user call volume.

New upgrade packages:

- UPGRADE_Cisco_IP_Telephony_Admin_to_2
- UPGRADE_Cisco_IP_Telephony_CallDetails_to_2
- UPGRADE_Cisco_IPT_CallDetails_Location_to_2

Cisco CDR Datapipe, version 2.1

The Cisco CDR Datapipe collects Call Detail Records (CDRs) and Call Management Records (CMRs) from Cisco CallManager.

Defect fixes.

Cisco IP Telephony Statistics Report Pack, version 3.1

The Cisco IP Telephony Statistics Report Pack monitors Cisco CallManager resources. Reports highlight underutilized resources and resources that are not in balance. Reports display performance data for: (1) CAS channel usage, (2) PRI channel usage, (3) FXO port usage, (4) FXS port usage, (5) Total call volume handled by an instance of a CallManager, (6) Time spent in different states by channels of a given gateway.

Defect fixes and new upgrade packages:

- UPGRADE_Cisco_IP_Telephony_Statistics_to_31
- UPGRADE_Cisco_IPT_Statistics_Location_to_3

Cisco GSU Datapipe, version 3.1

The Cisco GSU Datapipe collects gateway utilization data from GSUs (Cisco Gateway Statistics Utility) and populates database tables used by the Cisco IP Telephony Statistics Report Pack.

Defect fixes.

Cisco Ping Report Pack, version 4.0

The Cisco Ping Report Pack makes ping test results more meaningful by revealing useful information about the network context. This package includes a customized poller responsible for collecting ping statistics, interface utilization statistics, and CPU utilization statistics.

No changes.

The user guide (dated June 2005) includes a new section in the installation chapter that explains how to verify whether or not `dsi_server` contains one or multiple host names. Follow the procedure in this section to test for multiple entries, and to assign all entries the same value if multiple entries are returned.

Database Report Pack, version 1.0

Improved capacity management is the goal of the Database Report Pack. The reports in this package will help you monitor server availability, optimize server performance, and lower support costs. This package contains two groups of reports: reports applicable to any database, and reports applicable to Oracle databases only. The report categories are: Generic History, Generic Near Real Time, Customer and Location Aggregation, Ad Hoc Selector and QuickView, Oracle Segment, and Oracle Tablespace.

Features:

- Report linking
- Launch Point page
- Color-coded graphics in selection tables

Database Oracle SPI Datapipe, version 1.0

The Database Oracle SPI Datapipe collects data from the Oracle Database SPI.

Device Resource Report Pack, version 3.1

The Device Resource Report Pack monitors CPU, memory, and buffer resources in switches, routers, the switch backplane, and cards. You may be able to isolate problems faster by running Device Resource and Interface Reporting. If Interface Reporting is showing high discards or high errors, Device Resource will tell you whether or not over-utilization of a resource could be contributing to the problem. Conversely, if Device Resource indicates that network response time is spiking, Interface Reporting will tell you whether interface utilization is contributing to the problem.

New features:

- Report linking
- Launch Point page
- Ad hoc selector reports
- upgrade packages:
 - `UPGRADE_DeviceResource_to_31`
 - `UPGRADE_DeviceResourceBackplane_to_31`

Device Resource Cisco Router Datapipe, version 3.0

The Device Resource Cisco Router DataPipe collects data from SNMP devices that support any of the following MIBs:

- Cisco Memory Pool : used for memory utilization
- Cisco Process : used for CPU utilization
- Old Cisco System : used for buffer utilization

No changes.

Device Resource Cisco Switch Datapipe, version 3.0

The Device Resource Cisco Switch datapipe collects backplane metrics from Cisco devices that support the Cisco Stack MIB and maps data into a base table that belongs to the Backplane sub-package.

No changes.

Device Resource HP ProCurve Datapipe, version 3.0

The Device Resource HP ProCurve Switch DataPipe collects data from SNMP devices that support all of the following MIBs:

- HP ProCurve Net Switch (hpNetSwitch.mib) - used for memory and buffer utilization
- HP ProCurve Switch Statistics (hpSwitchStat.mib) - used for CPU utilization

No changes.

Device Resource Extreme Devices Datapipe, version 2.0

The Device Resource Extreme Devices Datapipe collects data from SNMP devices that support the v620b25 MIB used for CPU utilization.

No changes.

Device Resource Nortel Router Datapipe, version 3.0

The Device Resource Nortel Router Datapipe collects data from SNMP devices that support the Wellfleet Resource MIB.

No changes.

Device Resource Foundry Devices Datapipe, version 2.0

The Device Resource Foundry Device Datapipe collects data from SNMP devices that support the MIB07501.mib used for memory and CPU utilization.

No changes.

Device Resource 3Com Devices Datapipe, version 2.0

The Device Resource 3Com Router Datapipe collects data from SNMP devices that support the MIB 3com-sys.mib used for CPU utilization.

No changes.

Device Resource Alcatel/Xylan Device Datapipe, version 2.0

The Device Resource Alcatel/Xylan Switch Datapipe collects data from SNMP devices that support all of the following MIBs:

- xylan-health.mib - used for memory and backplane utilization
- xylan-chassis.mib - used for CPU utilization and chassis related information

No changes.

Device Resource Enterasys Router Datapipe, version 1.0

The Device Resource Enterasys Router Datapipe collects data from SNMP devices that support all of the MIB Enterasys Router Capacity MIB (CTRON-CAPACITY-MIB.mib) used for CPU utilization.

No changes.

Device Resource Enterasys Switch Datapipe, version 1.0

The Device Resource Enterasys Switch Datapipe collects data from SNMP devices that support all of the MIB Enterasys System Resource MIB (SYSTEM-RESOURCE-MIB.mib) used for CPU utilization and Memory utilization.

No changes.

Device Resource Juniper Router Datapipe, version 1.0

The Device Resource Juniper Router Datapipe will collect data from any Juniper Router that supports the JnxOperatingEntry operating status chassis MIB. This MIB stores CPU, buffer, and heap utilization data.

No changes.

Executive Summaries (IR and DR) Report Pack, version 1.0

The Executive Summaries Report Pack contains device-oriented summary reports and location-oriented summary reports. The device-oriented reports roll-up (aggregate) traffic volume from the interface level to the device level. The location-oriented reports aggregate resource utilization and traffic volume for all the devices owned by one customer at one location. Use these reports to monitor resource utilization (cpu, buffer, memory) and the volume of traffic on device interfaces.

No changes.

Frame Relay Report Pack, version 4.0

Reports in the Frame Relay Report Pack provide statistics for port utilization, PVC utilization, discard eligible (DE) frames, discarded frames, and frames with errors. Use these reports to spot over-utilization and underutilization, and to spot ports and PVCs that are predicted to be over-utilized or underutilized in the future.

No changes.

Ascend Frame Relay Datapipe, version 4.0

The Ascend Frame Relay Datapipe collects performance data from Ascend devices.

No changes.

Frame Relay CPE Datapipe, version 4.0

The Frame Relay CPE Datapipe collects performance data from devices that support the following MIBs:

- RFC1315
- Cisco Frame Relay MIB
- Nortel FRSW
- Nortel WAN780

No changes.

Newbridge Frame Relay Datapipe, version 4.0

The Newbridge Frame Relay Datapipe collects performance data from the Newbridge Preprocessor.

No changes.

Stratacom Frame Relay Datapipe, version 4.0

The Stratacom Frame Relay Datapipe collects performance data from the Stratacom Preprocessor.

No changes.

Interface Reporting Report Pack, version 5.0

The Interface Reporting Report Pack provides comprehensive reporting for SNMP manageable device interfaces. Use reports to monitor exceptions (discard exceptions, error exceptions, utilization exceptions); spot the trunks, locations, and protocols that rank in the top ten; find hot spots — interfaces and devices with high exception counts; sort interfaces by rate of growth over the rolling baseline period; identify devices that are expected to exceed utilization thresholds in the near future; estimate future utilization based on past behavior during the baseline period; correlate future performance by day-of-week; see how a device, trunk, or EtherChannel is performing in near real time; compare today's activity to recent trends.

New features:

- Report linking
- Launch Point page
- Ad hoc selector reports
- Utilization and Volume (new report)
- Color-coded graphics in selection tables
- New upgrade packages:
 - UPGRADE_Interface_Reporting_to_50.ap
 - UPGRADE_Interface_Reporting_Device_to_50.ap
 - UPGRADE_Interface_Reporting_Location_to_50.ap
 - UPGRADE_Interface_Reporting_Protocol_to_50.ap
 - UPGRADE_Interface_Reporting_Vlan_to_50.ap

Interface Reporting Duplex Datapipe, version 1.0

The Interface Reporting Duplex datapipe collects data for the Interface Reporting Report Pack.

No changes.

Cisco VLAN Datapipe, version 2.1

The Cisco VLAN Datapipe collects data for the VLAN module bundled with the Interface Reporting Report Pack.

No changes.

Interface Reporting ifEntry Datapipe, version 2.2

The Interface Reporting ifEntry Datapipe collects MIB-2 ifEntry and ifXEntry data from SNMP-manageable devices for use by the Interface Reporting Report Pack. This datapipe performs directed instance polling. It relies on the Interface Discovery Datapipe for interface re-indexing support.

Defect fixes.

Interface Reporting OPNET Export Datapipe, version 2.0

The OPNET Export Datapipe functions as a data feed to OPNET products.

No changes.

Internet Services Report Pack, version 1.0

The Internet Services Report Pack processes data collected from OVIS Management Servers. This report pack offers centralized reporting, centralized OVIS data warehousing, performance baselining, performance forecasting, and cross-domain reporting using data from other OVPI reporting solutions. Internet Services provides analysis of performance by day, with day-to-day comparisons; analysis of performance by month, with month-to-month comparisons; and analysis of performance per 30-day rolling baseline.

Changes: Sybase support.

Internet Services Report Pack Datapipe, version 1.0

The Internet Services Report Pack Datapipe collects data from OVIS management servers.

No changes.

MPLS VPN Report Pack, version 3.0

The MPLS VPN Report Pack monitors SNMP-manageable devices that support the MPLS VPN MIB. Use reports to: (1) identify VRFs that are generating errors, or are not functioning, (2) rank VPNs according to utilization, (3) group multiple VPN-associated interfaces into single entities, (4) apply SLA metrics, such as utilization or discard ratios, to VPNs and individual VRFs, (5) discover VPN network configurations and relationships automatically, and (6) view statistics for label usage and failed label lookups.

No changes.

MPLS VPN Datapipe, version 3.0

The MPLS VPN Datapipe collects data from devices that support the following

MIBs:

- MPLS VPN MIB
- MPLS LSR MIB

Juniper MPLS VPN Datapipe, version 1.0

The Juniper MPLS VPN DataPipe collects data from SNMP devices that support the JNX-VPN-MIB.

No changes.

NetFlow Global View Report Pack, version 2.0

The NetFlow Global View Report Pack focuses on the clients and servers at the end of flows, not the routers situated between flow endpoints. Reports summarize data at the daily and monthly level, providing easy access to data about the number of flows, traffic volume, average bytes per packet, and average throughput. You can also rank clients and servers by total volume, or by average throughput. In addition, you can drill down on a server, or a client-server pair, to view traffic volume and throughput on an application-by-application basis.

New upgrade package: UPGRADE_NetFlowGlobalView_to_2

NetFlow Global View Datapipe, version 2.0

The NetFlow Global View Datapipe reads output from the NetFlow Preprocessor.

No changes.

NetFlow IF2GV Datapipe, version 1.0

The NetFlow Interface to Global View Datapipe transfers data collected for the NetFlow Interface Report Pack to the NetFlow Global View Report Pack. Do not install the NetFlow Global View Datapipe and the NetFlow Interface to Global View Datapipe on the same OVPI server.

No changes.

NetFlow Interface Report Pack, version 3.0

The NetFlow Interface Report Pack contains Top Ten reports, Summary reports, and Detail reports. The Top Ten reports rank clients, servers, applications, and TOS values by constituent utilization. They also compare current activity to historic trends. The summary reports rank elements according to constituent utilization, and monitor constituent utilization, percentage of traffic, bytes per hour, and packets per hour. The detail reports investigate congestion in detail by analyzing performance at the flow level. These reports rank (1) server/application pairs associated with each client, (2) client/application pairs associated with each server, and (3) client/server pairs associated with each application.

New upgrade package: UPGRADE_NetFlow_Interface_to_3

NetFlow Interface Datapipe, version 3.0

The NetFlow Interface Datapipe reads the output from the NetFlow Preprocessor and loads data into the OVPI database for subsequent use by the NetFlow Interface Report Pack.

No changes.

NNM Event Report Pack, version 1.0

The NNM Event Report Pack provides statistics about NNM events and NNM availability.

Changes: Sybase support.

RMON Ethernet Statistics Report Pack, version 3.0

The RMON Ethernet Statistics Report Pack supplements Interface Reporting by adding extended Ethernet accounting information from the RMON I MIB.

No changes.

RMON Ethernet Statistics Datapipe, version 3.0

The RMON EthernetStatistics Datapipe is the collection mechanism for the RMON Ethernet Statistics Report Pack. This datapipe collects data from devices supporting the EthernetStatisticsTable, defined in RFC1271. The EthernetStatisticsTable supplements MIB-II by adding extended Ethernet accounting information.

No changes.

RMON2 Traffic Profiling Report Pack, version 3.0

The RMON2 Traffic Profiling analyzes utilization on a host-by-host and application-by-application basis. In addition, this package monitors traffic volume in bytes and calculates the average bytes per packet. This package supports Agilent, Cisco NAM, and NetScout probes.

New upgrade package: UPGRADE_RMON2_Traffic_Profiling_to_3

RMON2 Traffic Profiling Datapipe, version 3.0

The RMON2 Traffic Profiling Datapipe polls ALMATRIX data from the RMON2 probe and loads data into database tables for subsequent processing by OVPI.

No changes.

Service Assurance Report Pack, version 3.1

The Service Assurance Report Pack analyzes SAA test results. The reports in this package contain statistics for (1) round-trip time for specific SAA tests, (2) number of SAA tests that exceeded the threshold for response time, (3) availability — the ratio of successful SAA tests to total tests, (4) jitter — variation in the packet inter-arrival time, (5) throughput — an estimate of the bytes per second transmitted during an SAA test, (6) number of transactions — number of SAA tests completed, (7) traffic volume — number of bytes sent and received by an SAA source device, (8) MOS — estimated Mean Opinion Score for VoIP tests.

Defect fixes. New version numbers:

- Service_Assurance 3.1
- Service_Assurance_Location 3.1
- UPGRADE_Service_Assurance_to_31
- UPGRADE_Service_Assurance_Location_to_31
- CiscoSAA_Datapipe 5.6
- CiscoSAA_NRT_Datapipe 2.1

Cisco SAA Datapipe, version 5.6

The Cisco SAA Datapipe collects hourly statistical data from history tables of Cisco routers that run IOS version 12.0(5)T or later and support CISCO-RTTMONMIB.

Defect fixes.

Cisco SAA NRT, version 2.1

The Cisco SAA NRT Datapipe collects latest statistical data every 5 minutes from latest tables of Cisco routers that run IOS version 12.0(5)T or later and support CISCO-RTTMON-MIB.

Defect fixes.

System Resource Report Pack, version 4.1

System Resource monitors memory, buffer, and cpu utilization.

New features:

- Report linking
- Launch Point page
- Ad hoc selector reports
- Color-coded graphics in selection tables
- New upgrade packages:
 - UPGRADE_SR_to_41
 - UPGRADE_SR_CPU_to_41
 - UPGRADE_SR_DISK_to_41
 - UPGRADE_SR_PROC_to_41
 - UPGRADE_SR_NetIf_to_41
 - UPGRADE_SR_LV_to_41

System Resource OVPA Datapipe, version 2.8

This datapipe collects data from two agents:

- HP OpenView Performance Agent (OVPA)
- Embedded Performance Component sub-agent of HP OpenView Operations (EPC)

Defect (bug QXCR100021402) related to system availability fixed.

System Resource OVPA Collection Datapipe, version 1.0

This datapipe discovers OVO agents for the SysRes OVPA Datapipe. The SysRes OVPA Collection Datapipe is a prerequisite for the SysRes OVPA Datapipe.

No changes.

System Resource RFC 1514 Datapipe, version 4.0

This datapipe collects data from RFC1514 compliant data sources and moves data from datapipe tables to base tables owned by the System Resource Report Pack. RFC1514 MIB defines the data elements that can be collected from a generic computer system, including CPU utilization, memory utilization, file system utilization, and so on. Typically, RFC1514 is implemented by operating system and hardware vendors.

No changes.

NNM/OVPI Integration Module

Network Node Manager Device Sync, version 1.0

This package is part of the NNM/OVPI Integration Module.

No changes.

Interface Reporting Interface Sync, version 1.0

This package is part of the NNM/OVPI Integration Module.

No changes.

Installation Issues

For detailed installation instructions, see product-specific release notes and user guides. User guides and release notes can be found in the following places:

- Top-level /Docs directory
- Lower-level /Docs directory under each package directory

When you extract packages from the CD to the Packages directory on your system, the user guide and the release notes for each package are copied to the /OVPI/Docs directory on your OVPI server.

NOTE: Updated user guides are posted to the HP documentation web site on a regular basis. Before using a PDF that was bundled with the package on the CD media, check to see if an update has been posted to the following web site: http://ovweb.external.hp.com/lpe/doc_serv/

New Upgrade Packages

All three of the enhanced report packs and several non-enhanced report packs have new upgrade packages. The new upgrade packages eliminate the need for version-by-version upgrades that often entail starting and stopping Package Manager many times. You can now upgrade your existing package to the latest version by installing a single upgrade package. If your report pack includes sub-packages, each sub-package can be upgraded to the latest version by installing a single upgrade package. Note also that in some but not all cases the main package and the sub-packages now have matching version numbers. For example, the main package for System Resource is 4.1 and all of the SR sub-packages are version 4.1.

Upgrading Report Packs after Upgrading from OVPI 4.6 to 5.1

If you were running OVPI 4.6 and you just upgraded from OVPI 4.6 to OVPI 5.1, you have multiple report packs to upgrade. Before upgrading report packs, move or back up your current Packages directory so that you can extract the latest report packs and datapipes into a clean Packages directory. Once the extract into a clean Packages directory finishes, your next step is to uninstall existing datapipes. After the report pack upgrades are complete, you can reinstall the latest version of each datapipe. For step-by-step instructions designed especially for this type of upgrade, refer to the OVPI 5.1 Installation Guide. Chapter 8, Upgrading OVPI, covers the following topics:

- Compatibility issues between OVPI and report pack CDs
- Creating a Packages directory
- Extracting packages from the report pack CD

- Saving configuration data (polling policies) before you uninstall an existing datapipe
- Deleting custom table views
- Steps for upgrading certain packages (shared packages and primary report packs) that must be upgraded first
- Post-upgrade tasks

Known Problems

Launch Point Pages

If you install multiple report packs, you will deploy multiple Launch Point pages to the OVPI application server, one Launch Point page per report pack. Uninstalling one report pack should remove just one Launch Point page; however, in this release uninstalling a single report pack will remove every Launch Point page.

Error Messages when Upgrading the IR Report Pack

If you are upgrading Interface Reporting 4.6 to 5.0, Package Manager will display a message indicating that the upgrade failed. This message can be ignored. The same issue arises when you upgrade the Devices sub-package from 4.6 to 5.0. Again, you can ignore this message. Both instances of the message are caused by Package Manager not being able to locate the delete_files.pl script. However, this script is not required and the upgrade will complete normally.

NNM/OVPI Integration Module

If OVPI and NNM are installed in non-English systems (Chinese, Korean and or Japanese), two issues arise concerning the NNM/OVPI Integration Module:

- QXCR1000243798 – Threshold alarm category not added to NNM alarm browser
- QXCR1000233804 – NNM cannot pass event data to the NNM Event Report Pack

Perform the following steps to fix the defect related to the threshold alarm category:

1. On the NNM system, go to the following directory:

Windows: %OV_MAIN_PATH\OVPI_NNM_Integ

Unix: \$OV_MAIN_PATH/OVPI_NNM_Integ

2. Run one of the following commands:

Windows: **xnmevents -merge ovpiException_win.conf**

Unix: **xnmevents -merge ovpiException_ux.conf**

3. Run the following command:

xnmevents -event

Perform the following steps to fix the defect related to NNM not passing event data to the NNM Event Report Pack:

1. Download the following patch from the OVPI Report Pack patch site (http://support.openview.hp.com/patches/patch_index.jsp?fromOV=true):

OV_Integration_L10N_patch.zip

2. Unzip the patch to one of the following directories:
Windows: %OV_MAIN_PATH\OVPI_NNM_Integ
Unix: \$OV_MAIN_PATH/OVPI_NNM_Integ
3. Navigate to the appropriate directory:
Windows: %OV_MAIN_PATH\OVPI_NNM_Integ
Unix: \$OV_MAIN_PATH/OVPI_NNM_Integ
4. Locate the following perl script: ovpi_agg_evtdump.ovpl
5. Copy ovpi_agg_evtdump.ovpl to the following directory:
Windows: %OV_BIN%
Unix: \$OV_BIN/{OV_INSTALL}\bin\

Product Licensing

Report packs and their associated datapipes are licensed and you are required to make an additional purchase to obtain each license. For information about options for product licensing, search the following web site:

<http://openview.hp.com/>

Support and User Documentation

Please visit the HP OpenView web site at: <http://managementsoftware.hp.com/>. This web site contains information about products and services, including support and access to downloadable documentation. To open the support site, click Support. HP OpenView online support offers a fast and efficient way to access technical support tools that will help you manage your business interactively. Use this site to:

- Locate documentation (user guides and release notes)
- Submit support cases and track progress
- Manage a support contract
- Look up HP support contacts
- Review information about services
- Join discussions with other customers
- Register for software training classes

NOTE: There are portions of this site you won't be able to access unless you register as an HP Passport user and log in, and in some cases an active support contract are needed. For more information about support access levels, go to:

http://support.openview.hp.com/access_level.jsp

To register for an HP Passport ID, go to: <https://passport2.hp.com/hpp/newuser.do>

Follow these steps to locate user guides:

- From the Support home page, click **Product Manuals**.

- The product manuals search page opens.
- In the select product list, select **Performance Insight Reporting Solutions**.
- In the select version list, select **8.0**. (Ignore the OS option; OS is not applicable.)
- Select the document you want, then click **Open** or **Download**.

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