
HP OpenView GlancePlus

For the HP-UX Operating System

Release Notes

Software version: C.04.50 / October 2005

This document provides an overview of the changes made to HP OpenView GlancePlus (OV GlancePlus) version C.04.50. It contains important information not included in the manuals or in the online help.

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In This Version

This release of OV GlancePlus supports the following features:

- This release of OV GlancePlus is supported on HP-UX 11i v1 and later.
- Dependency of `ttd` to have `rpcbind` or `portmap` running has been eliminated and `ttd` is modified to function independent of `rpcbind` or `portmap`.
- This release includes minor enhancements and defect fixes. Refer to the [Enhancements and Fixes](#) section for details.

Installation Notes

For installation requirements and instructions, refer to the *HP OpenView GlancePlus for HP-UX Installation Guide*, provided as part of the product in Adobe Acrobat (.pdf) format as `gpinst.pdf` in `/opt/perf/paperdocs/gp/C/`.

Software and Hardware Requirements

Before installing OV GlancePlus, make sure that your system meets the following minimum hardware and software requirements:

- Hardware
 - HP 9000, Integrity Servers, and HP Workstations supported on HP-UX 11i v1 and HP-UX 11i v2 December 2004 release
- OS platform and compatibility
 - HP-UX 11i v1 December 2004 release for the PA-RISC architecture
 - HP-UX 11i v2 December 2004 release for both the Itanium (TM) and PA-RISC architectures
- Disk space

The GlancePlus product uses approximately 30 MB in the `/opt/` directory for first-time installation. The Japanese version requires an additional 10 MB.
- Compatibility
 - On HP-UX 11i v1, the following patch must be installed to use the correct version of `libnm.1`. This patch is a Cumulative ARPA Transport patch.
`PHNE_27063` (or superseding patch)
 - HP-UX 11i v1 and later systems running EMC PowerPath v2.1.2 or v3.0.0 must have the latest EMC patches installed to avoid conflicts with the OVPA/GlancePlus products. Without these EMC patches, problems ranging from OVPA/GlancePlus product core dumps to invalid disk queue metrics can occur.
For the EMC PowerPath v2.1.2 release, use the following patch:
 - `EMCpower_patch213 HP.2.1.3_b002` (or superseding patch)For the EMC PowerPath v3.0.0 release, use the following patch:
 - `EMCpower_patch301 HP.3.0.1_b002` (or superseding patch)For more details about these EMC patches or to check whether a superseding patch is available, contact EMC Support.

- HP-UX 11i v1 requires the following patches for the performance tools to properly run with VERITAS Volume Manager 3.2.

PHKL_26419 for HP-UX B.11.11 (11.11) (or superseding patch)

PHCO_26420 for HP-UX B.11.11 (11.11) (or superseding patch)

- If multiple processor sets are configured on an HP-UX 11i v1 system and you are using the log application=prm switch in the parm file to log APP_ metrics by PRM Group, you must install the following kernel patch for it to work properly:

PHKL_28052 (or superseding patch)

- On HP-UX 11i v1 and later, the performance tools have been verified to work with Instant Capacity on Demand (iCOD). The following kernel pstat patch should be installed in order to correctly report iCOD data.

PHKL_22987 for HP-UX B.11.11 (11.11) (or superseding patch)

If iCOD is not installed on your system, the kernel patch is unnecessary.

- This revision of OV GlancePlus has been verified to work with Process Resource Manager (PRM) version C.02.01.



If you are installing or upgrading OVPA on a system that already has GlancePlus installed, upgrade GlancePlus to the same release version. GlancePlus and OVPA versions must always be the same.

Enhancements and Fixes

The following items (identified by error tracking number) are fixed in the current software release.

QXCR1000244332

PROBLEM: 64-bit ARM instrumented applications dump core in ARM calls.

FIX: Instrumented application exits due to problems in the 64-bit implementation of the ARM APIs are now rectified.

QXCR1000247399

PROBLEM: Null pointer exception when trying to get Correlator Data for second-level correlation

FIX: The problem of null pointer exception when trying to get Correlator Data for second-level correlation in a Java program has been resolved.

QXCR1000207347

PROBLEM: Attempting to start GlancePlus/Character Mode aborts with an invalid error message
"Unable to initialize terminal.

Terminal length of 23 is too small, try 24 lines."

FIX: The problem has been fixed and GlancePlus can run with 24 lines again on all operating systems except Linux.

QXCR1000086946

PROBLEM: Metric BYNETIF_NET_SPEED is logged as 31702 instead of 1000000000 for a 1GB LAN interface

FIX: BYNETIF_NET_SPEED metric has been changed to display in Mega Bits Per Second (MBPS). Both GlancePlus and OVPA show this metric in MBPS

Known Problems, Limitations, and Workarounds

QXCR1000219799

PROBLEM: GlancePlus C.03.85 with locale ja_JP.SJIS shows incorrect characters.

WORKAROUND: Set the LC_ALL environment variable to ja_JP.SJIS before starting GlancePlus

Documentation Errata

None

Software Version Information and File Placement Plan

Version Information

Use the following command for a summary of version strings for the major executable components of OV GlancePlus for HP-UX:

```
/opt/perf/bin/perfstat -vmation
```

File Placement

The following is a list of directory locations for product files. For a list of all files in the product, enter the command:

```
/usr/sbin/swlist -l file Glance MeasurementInt
```

Release Notes:

- English:

```
/opt/perf/ReleaseNotes/
```

- Japanese:

```
/opt/perf/ReleaseNotes/ja_JP.SJIS/
```

Executables including UI programs, daemons, and scripts:

/opt/perf/bin/

Examples (refer to the README file in the directory for more information):

/opt/perf/examples/

Man pages:

- **English:**

/opt/perf/man/man1/

/opt/perf/man/man3/

/opt/perf/man/man4/

- **Japanese:**

/opt/perf/man/ja_JP.SJIS/man1/

Printable documents:

/opt/perf/paperdocs/gp/C/

/opt/perf/paperdocs/arm/C/

Default configuration and template files:

/opt/perf/newconfig/

/opt/perf/newconfig/etc/rc.config.d/

Product configuration and status files:

/var/opt/perf/

Product binary data and internal-use files (created during and after installation):

/var/opt/perf/datafiles/

Development include files:

/opt/perf/include/

Library files:

/opt/perf/lib/

/opt/perf/lib/hpux32

/opt/perf/lib/hpux64

/usr/perf/lib/pa20_64

Motif-mode application default:

- **English:**

/opt/perf/newconfig/app-defaults/C/

- **Japanese:**

/opt/perf/newconfig/app-defaults/ja_JP.SJIS/

OpenView registration file:

/etc/opt/OV/share/registration/C/perf/

Online help files:

- **English:**

/opt/perf/help/gp/C/

- Japanese:

`/opt/perf/help/gp/ja_JP.SJIS/`

Motif-mode (HyperHelp) online help executables and files:

`/opt/perf/hyperhelp/`

`/opt/perf/hyperhelp/app-defaults/`

`/opt/perf/hyperhelp/bin/`

`/opt/perf/hyperhelp/xprinter/`

`/opt/perf/hyperhelp/xprinter/fontmetrics/afm/`

`/opt/perf/hyperhelp/xprinter/fontmetrics/tfm/`

`/opt/perf/hyperhelp/xprinter/ppds/`

Message catalogs:

- English:

`/opt/perf/lib/nls/msg/C/`

- Japanese:

`/opt/perf/lib/nls/msg/ja_JP.SJIS/`

Local Language Support

Localization into Japanese (`ja_JP.SJIS`) is provided.

This version of OV GlancePlus product and supporting user documentation are available in Japanese (`ja_JP.SJIS`).

The Japanese editions of the following OV GlancePlus manuals are available in PDF format at **<http://www.jpn.hp.com/go/manual>**

- *HP OpenView GlancePlus for HP-UX Installation and Configuration Guide*
- *HP OpenView GlancePlus for UNIX User's Manual*
- *Application Response Measurement (ARM) API Guide*

Support

Please visit the HP OpenView support web site at:

<http://www.hp.com/managementsoftware/support>

This web site provides contact information and details about the products, services, and support that HP OpenView offers.

HP OpenView online software support provides customer self-solve capabilities. It provides a fast and efficient way to access interactive technical support tools needed to manage your business. As a valuable support customer, you can benefit by being able to:

- Search for knowledge documents of interest
- Submit and track progress on support cases

- Submit enhancement requests online
- Download software patches
- Manage a support contract
- Look up HP support contacts
- Review information about available services
- Enter discussions with other software customers
- Research and register for software training



Most of the support areas require that you register as an HP Passport user and sign in. Many also require an active support contract.

To find more information about support access levels, go to the following URL:

http://www.hp.com/managementsoftware/access_level

To register for an HP Passport ID, go to the following URL:

<http://www.managementsoftware.hp.com/passport-registration.html>

Online Documentation

To check for recent updates or to verify that you are using the most recent edition, visit the following URL:

http://ovweb.external.hp.com/lpe/doc_serv/

- 1 In the Product list, click the product name.
- 2 In the Version list, click the version number.
- 3 In the OS list, click the OS type.
- 4 In the document list, click the document title.
- 5 To retrieve the document, click Open or Download.



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