

HP GlancePlus

for the HP-UX operating system

Release Notes

Software version: 4.70/September 2007

This document provides an overview of the changes made to HP GlancePlus (GlancePlus) version 4.70. It contains important information not included in other manuals and online help.

In This Version

[Documentation Updates](#)

[Installation Notes](#)

[Enhancements and Fixes](#)

[Known Problems, Limitations, and Workarounds](#)

[Documentation Errata](#)

[Software Version Information and File Placement Plan](#)

[Local Language Support](#)

[Support](#)

[Legal Notices](#)


In This Version

This release of GlancePlus has the following features:

- Supported on HP-UX 11i v1, v2, and v3
- `gpm` has been renamed as `xglance`. `gpm` is retained for backward compatibility.

This release includes also enhancements and defect fixes. See the "Enhancements and Fixes" section for details.

In this version the names HP OpenView GlancePlus is changed to HP GlancePlus and HP OpenView Operations is changed to HP Operations Manager.

	<ul style="list-style-type: none">• The new product name change is applicable to version 4.70 and later. Any references to earlier versions of HP Performance Manager will still have the name as HP OpenView Performance Manager.• Before using HP GlancePlus, you must review and accept the license terms and conditions spelled out in the readme file available in <code><directory>/HP-UX/README</code>, where <code><directory></code> is your DVD-ROM.
---	---


Documentation Updates

The first page of this release notes document contains the following identifying information:

- Version number, which indicates the software version.
- Publish date, which changes each time the document is updated.

To check for recent updates or to verify that you are using the most recent edition, go to the following web site:

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

	<p>To view files in PDF format (*.pdf), Adobe Acrobat Reader must be installed on your system. To download Adobe Acrobat Reader, go to the following web site: http://www.adobe.com/</p>
---	---

Installation Notes

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

Before installing 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
- Operating system version and compatibility
 - HP-UX 11i v1 release for the PA-RISC architecture
 - HP-UX 11i v2 release for both the Itanium (TM) and PA-RISC architectures
 - HP-UX 11i v3 release for both the Itanium (TM) and PA-RISC architectures

- Disk space

HP GlancePlus product requires approximately 30 MB space in the `/opt/` directory for first-time installation. The Japanese version requires an additional 10 MB.

- Compatibility

- The following patches must be installed on the system to get the support MemFS by `glance/xglance`.
`PHKL_36853` (or superseding patch)
- To use the correct version of `libnm.1` on HP-UX 11i v1, install the following patch. This patch is a Cumulative ARPA Transport patch.
`PHNE_27063` (or superseding patch)
- HP-UX 11i v1 and above systems running EMC PowerPath v2.1.2 or v3.0.0 must have the latest EMC patches installed to avoid conflicts with the HP Performance Agent/GlancePlus products. Without these EMC patches, problems ranging from HP Performance Agent/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 function properly 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 log application=prm switch to function properly:

PHKL_28052 (or superseding patch)

- On HP-UX 11i v1 and later, the performance tools are verified to work with Instant Capacity on Demand (iCOD). The following kernel pstat patch should be installed 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, do not install the kernel patch.

This revision of HP GlancePlus is verified to work with Process Resource Manager (PRM) version C.03.02.



If you are installing or upgrading HP Performance Agent on a system, on which GlancePlus is already installed, you must upgrade GlancePlus to the same release version. The GlancePlus and HP Performance Agent versions must always be the same.



There is no web fulfillment mechanism to convert the GlancePlus images to a licensed product. To obtain the production (non-trial) version of GlancePlus, you must purchase a License-to-Use product for every system on which GlancePlus images are installed, and at least one copy of the GlancePlus media product for your overall environment. The production software for GlancePlus must be installed from the media. It can be installed directly over the trial software (You need not remove the trial software).

Enhancements and Fixes

The following items (identified by error tracking number) are fixed in this release:

QXCR1000412828:

PROBLEM: Glance crashes on HPVM server every time the guests are restarted.

FIX: This issue has been fixed and glance will not crash on guest status change.

QXCR1000399040:

PROBLEM: Wrong libarmjava library is bundled in package for HP-UX 11.23 PA-RISC.

FIX: Issue is fixed and correct libarmjava library is provided.

QXCR1000410163:

PROBLEM: Glance gives error with startup options -bootup -aos.

FIX: All the tty related errors at the glance startup are fixed.

QXCR1000417849:

PROBLEM: Glance in advisor mode is dumping core when there are more than 100 applications defined in parm file.

FIX: This issue is fixed and now glance adviser works as expected for more than 100 applications.

QXCR1000026539:

PROBLEM: The metric GBL_MEM_PAGE_REQUEST_RATE is capped at 3276.7

FIX: This issue associated with capping of metric GBL_MEM_PAGE_REQUEST_RATE has been resolved.

Known Problems, Limitations, and Workarounds

PROBLEM: On virtually partitioned systems if the CPUs on a partition are removed/deleted, then the CPU State is shown as "Disabled" in both HP Performance Agent and Glance. Also, if the released CPUs are added to other partitions, still the CPU State is shown as "Disabled", on the partition where that CPU was removed.

WORKAROUND: NONE.

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 HP GlancePlus for HP-UX:

```
/opt/perf/bin/perfstat -v
```

File Placements:

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/

/usr/lpp/perf/man/

- 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/

- HP Software 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 HP GlancePlus product and supporting user documentation are available in Japanese (ja_JP.SJIS).

The Japanese editions of the following HP GlancePlus manuals are available in PDF format at:

<http://www.jpn.hp.com/go/manual>:

- HP GlancePlus for HP-UX Installation and Configuration Guide
- Application Response Measurement (ARM) API Guide
- Xglance Online help for HP-UX
- Xglance man page.

Support

You can visit the HP Software support web site at:

www.hp.com/go/hpsoftwaresupport

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

HP Software 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 valued support customer, you can benefit by using the support site to:

- Search for knowledge documents of interest
- Submit and track support cases and enhancement requests
- Download software patches
- Manage support contracts
- Look up HP support contacts
- Review information about available services
- Enter into 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://h20230.www2.hp.com/new_access_levels.jsp

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

<http://h20229.www2.hp.com/passport-registration.html>

Legal Notices

©Copyright 2007 Hewlett-Packard Development Company, L.P.

Confidential computer software. Valid license from HP required for possession, use or copying. Consistent with FAR 12.211 and 12.212, Commercial Computer Software, Computer Software Documentation, and Technical Data for Commercial Items are licensed to the U.S. Government under vendor's standard commercial license.

The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.

The information contained herein is subject to change without notice.