
HP OpenView GlancePlus

for the Sun Solaris operating system

Release Notes

Software version: 4.60 / February 2007

This document provides an overview of the changes made to HP OpenView GlancePlus (GlancePlus) version 4.60. It contains important information not included in the manuals or in 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 is available on Sun Solaris operating system versions 7 and later.
- gpm has been renamed as xglance. gpm is retained for backward compatibility.

 Before using GlancePlus, you must review and accept the license terms and conditions spelled out in the readme file available in `<directory>/readme.gp`, where `<directory>` is your CD-ROM directory.

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, 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**.

 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 URL:
<http://www.adobe.com>

Installation Notes

For installation requirements and instructions, refer to *HP OpenView Glance Installation and Configuration Guide for Sun Solaris Systems*, provided as part of the product in Adobe Acrobat (.pdf) format as `gpinst.pdf` in

`/opt/perf/paperdocs/gp/C/`

Packaging and Installation Changes

The packaging method for GlancePlus uses the standard `pkgadd` family of tools. The product consists of the following four packages:

- `HParm`: ARM 2.0 runtime and development
- `HPglance`: GlancePlus core modules and character-based user interface (`glance`)
- `HPgpm`: Motif-based graphical user interface (`xglance`)
- `HPhh`: HyperHelp viewer for online help for `xglance`

The installation of the last two packages is optional and can be omitted, if you will not be using `xglance`. If your requirements change, other packages can be added later.

Before installing GlancePlus, make sure that your system meets the following software and hardware requirements. Certain system and configuration prerequisites are necessary for HP OpenView Performance Agent (OVPA) to function correctly on your system.

Software Requirements

We recommend that you have at least the end user System Support level of OS installation installed on your Sun systems. If you have the Core System Support level of OS installation, you need to install operating system packages.

- 1 If you will be using character-mode GlancePlus (`glance`), install the following packages:
 - `SUNWlibc`
 - `SUNWlibms`
- 2 If you will be using Motif-based GlancePlus (`xglance`), install the following packages:
 - `SUNWlibc`
 - `SUNWlibms`
 - `SUNWmfrun`
 - `SUNWxwplt`

You can check the installed packages by using the `pkginfo` command. The operating system packages can be found on the Sun Solaris distribution media.

The following Solaris patch is recommended for GlancePlus to function correctly.

Patch level	Description
117000-03	On Solaris 8, this patch fixes aborts and incorrect metrics in the perftools caused by instrumentation errors on earlier patch levels. Patch 108528-29 is known to have this instrumentation issue. It is fixed by 117000-03.

Hardware Requirements

GlancePlus runs on hardware platforms supporting the Solaris operating system, including:

- Sun 4c
- Sun 4d
- Sun 4m
- Sun 4u
- Sun 4us
- Sun 4v
- E 10000, and Sunfire

Disk space

GlancePlus requires:

- Approximately 20 MB space in the /opt/ directory for first-time installation.
- Runtime Memory: approximately 20 MB of virtual memory.

- ▶
 - 1 On a Solaris 10 system with Zones, GlancePlus can be installed only in global zone.
 - 2 If you are installing or upgrading GlancePlus on a system, on which HP OpenView Performance Agent is already installed, you must upgrade OVPA to the same release version. The GlancePlus and OVPA versions must always be the same.

- ▶ There is no web fulfillment mechanism to convert the GlancePlus images to a non-trial licensed product. To obtain the production (non-trial) version of GlancePlus, you must purchase a License-to-Use product for each system on which the 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:

QXCR1000289162

PROBLEM: Application utilizations don't add up to GLOBAL CPU utilization.

FIX: A new parameter, gapapp, has been added in parm file. Based on the parameters for gapapp, a dummy application is added to application list whose metric values indicate the differences between global metrics and sum of app metrics.

QXCR1000318628

PROBLEM: Scope log files and OVPA status files have global write permissions after upgrade to C.04.X.

FIX: The check for inconsistency in file permissions for 'others' and 'group' users, has been added.

QXCR1000357119

PROBLEM: Installing OVPA on a sun4v machine gives a warning message.

FIX: Now, OVPA is supported on sun4v architecture.

QXCR1000322273

PROBLEM: Installing OVPA on a sun4us machine gives a warning message. On sun4us architecture systems OVPA may not work as expected.

FIX: Now, OVPA is supported on sun4us architecture.

QXCR1000348886

PROBLEM: xglance's Network By Interface window shows incorrect GBL Packet In/Out Rate, when the values exceed three digits.

FIX: In xglance, the field width of GBL_NET_IN_PACKET_RATE and GBL_NET_OUT_PACKET_RATE in the "Network By Interface" window is increased to display values greater than the current limit (999.9).

QXCR1000241467

PROBLEM: OVPA and glance do not report both inactive iCoD CPU's as well as active CPUs.

FIX: This problem is fixed. The iCOD CPUs are now correctly reported.

QXCR1000219848

PROBLEM: Need to update documentation for `GBL_SWAP_SPACE_DEVICE_AVAIL` metric in GlancePlus.

FIX: The documentation for `GBL_SWAP_SPACE_DEVICE_AVAIL` metric is updated.

QXCR1000356803

PROBLEM: `perfstat` output needs to be enhanced to show port configuration and status of EPC.

FIX: To provide the required data, the option, `-d` has been added and `-p` has been enhanced to `perfstat`.

QXCR1000334202

PROBLEM: Change in GMT offset values is not logged for `GBL_GMTOFFSET` due to day light saving (from ST to DST or vice versa).

FIX: Now scope logs a new configuration record whenever there is change in value of `GBL_GMTOFFSET`.

QXCR1000305120

PROBLEM: `GBL_DISK_PHYS_WRITE_BYTE_CUM` metric may overflow on a system with high disk activity.

FIX: The overflow has been handled and now the maximum value for the `GBL_DISK_PHYS_WRITE_BYTE_CUM` metric has been increased.

QXCR1000349063

PROBLEM: Performance of ARMed applications may degrade if large number of calls are made to `arm_init()`, `arm_getid()` and `arm_end()` from ARMed application.

FIX: Now, this problem is fixed.

QXCR1000313261

PROBLEM: `BYNETIF_*_BYTE_RATE` metrics overflow when the network traffic is high.

FIX: The overflow has been handled and now the maximum value for the `BYNETIF_*_BYTE_RATE` metrics is enhanced to 3276700.0

Known Problems, Limitations, and Workarounds

None.

Documentation Errata

None.

Software Version Information and File Placement Plan

Version Information

- To obtain the version strings for the GlancePlus executables, enter:
`/opt/perf/bin/perfstat -v`
- To obtain the version string for GlancePlus help, enter:
`/opt/perf/help/gp/C/glance.help`

File Placement

The following is a list of directory locations for product files.

- Release Notes:
`/opt/perf/ReleaseNotes/`
- Printable documents:
`/opt/perf/paperdocs/gp/C`
`/opt/perf/paperdocs/arm/C`
- Executables and scripts:
`/opt/perf/bin/`
- Online help files:
`/opt/perf/help/gp/C`
- Messages and catalog files:
`/opt/perf/lib/nls/msg/C`
- Configuration files and holding area:
`/opt/perf/newconfig`
- Program libraries:
`/opt/perf/lib`

- Include files for program development:
/opt/perf/include
- Man pages:
/opt/perf/man
- Product configuration and status files:
/var/opt/perf
- Startup and shutdown scripts:
/etc
/etc/default
- xglance online help files:
/opt/perf/hyperhelp
- Application defaults file for xglance:
/opt/perf/hyperhelp/app-defaults
- Temporary copy of application defaults file for xglance:
/opt/perf/newconfig/app-defaults/C
- Production copy of application default file for xglance:
/var/opt/perf/app-defaults/C
- Product binary data and internal-use files:
/var/opt/perf/datafiles
- Configuration startup files:
~/userid/

Local Language Support

Localized GlancePlus is not available for Sun Solaris systems.

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 valued 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>

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.