
HP OpenView GlancePlus

For the Sun Solaris Operating System

Release Notes

Software version: C.04.50 / October 2005

This document provides an overview of the changes made to HP OpenView Glance C.04.50. It contains the following important information that is not included in other manuals and online help:

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In This Version

- This release is available on Sun Solaris operating system versions 7 and later.
- 64-bit ARM library is available on Solaris to support 64-bit applications.
- The number of applications that can be defined in the `parm` file has been increased to 998; increase in number of application definitions increases the overhead on performance of these tools.



Before using GlancePlus software, 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.

Installation Notes

For installation requirements and instructions, refer *HP OpenView GlancePlus Installation 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 HP OpenView GlancePlus product 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 (gpm)
HPhh	HyperHelp viewer for on-line help for gpm

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

Before installing Glance, make sure that your system meets the requirements described below. Certain system and configuration prerequisites are necessary for OV Performance Agent to operate properly on your system.

Software and Hardware Requirements

Before installing Glance, make sure that your system meets the requirements described below. Certain system and configuration prerequisites are necessary for OV Performance Agent to operate properly on your system.

- Software
 - 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 will have to install the following operating system packages.
 - If you will be using character-mode GlancePlus (`glance`), install these packages:
 - `SUNWlibC`
 - `SUNWlibms`

- If you will be using Motif-based GlancePlus (gpm), install these packages:
 - SUNWlibC
 - SUNWlibms
 - SUNWmfrun
 - SUNWxwplt

You can check the packages that are installed 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 <code>perftools</code> 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

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

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

- Disk space

- Glance installs in `/opt` directory: For first time installation, at least 20 MB in the `/opt` directory is required.
- Runtime Memory: approximately 20 MB of virtual memory is required.



- 1 On a Solaris 10 system with Zones, OV GlancePlus can be installed only in global zone.
- 2 If you are installing or upgrading GlancePlus on a system that already has OVPA installed, upgrade OVPA to the same release version. GlancePlus and OVPA versions must always be the same.

Enhancements and Fixes

This release provides fixes for the following major problems and change requests:

QXCR1000196360

PROBLEM: Provide a `midademon` command line option to start in normal priority.

FIX: `midameon` provides a command line option `-normal_prio`. This option allows you to start in normal priority.

QXCR1000206946

PROBLEM: Increase the number of allowable applications in the parm file.

FIX The total number of separate applications that can be defined in the OVPA and GlancePlus parm file is now increased to 998.

QXCR1000206952

PROBLEM Eliminate ttd dependence on RPC.

FIX ttd is modified to function independent of rpcbind or portmap.

QXCR1000223179

PROBLEM In OVPA and Glance, metrics APP_IO_BYTE and APP_IO_BYTE_RATE may overflow for I/O intensive applications.

FIX This problem is fixed.

QXCR1000233357

PROBLEM Thread safe version of libarm.so does not work correctly. When multiple ARM applications are run in parallel, some of the applications stop responding due to thread synchronization issues.

FIX Now the thread synchronization mechanism in libarm.so is enhanced and the library is made thread safe.

QXCR1000246552

PROBLEM OVPA and GlancePlus C.03.82 is showing only one CPU on Solaris 10 multiprocessor system.

FIX This problem is fixed, now both OVPA and GlancePlus show all CPUs on the multi-processor Solaris 10 system.

QXCR1000247399

PROBLEM ARM throws a Null Pointer Exception when trying to get Correlator Data for second level.

FIX This problem is resolved.

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:
`what /opt/perf/help/gp/C/glance.help`

File Placements:

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

gpm online help files:

/opt/perf/hyperhelp

Application defaults file for gpm:

/opt/perf/hyperhelp/app-defaults

Temporary copy of application defaults file for gpm:

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

Production copy of application default file for gpm:

/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 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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