HP GlancePlus

for the Sun Solaris 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

- This release of GlancePlus is available on Sun Solaris operating system versions 8 and later.

- gpm has been renamed as xglance. gpm is retained for backward compatibilty.

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

- 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 `/<directory>/Sun/README`, where `<directory>` 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/

> 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/**

Installation Notes

For installation requirements and instructions, refer to "HP GlancePlus 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 Performance Agent Software (Performance Agent) to function correctly 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 need to install operating system packages.

  If you will be using character-mode GlancePlus (glance), install the following packages:

  — SUNWlibC

  — SUNWlibms

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

  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

  — x86

  — x86_64

- 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 Performance Agent is already installed, you must upgrade Performance Agent to the same release version. The GlancePlus and Performance Agent 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:

QXCR1000403289:

PROBLEM:	Provide Process zone-id and Application grouping by zones on Solaris.

FIX:	Process zone-id has been made available through new metric PROC_LS_ID. Workload measurement for Solaris zones is done using "Application grouping by Zones" feature. To support this new feature, a new parm file flag "zone_app" is introduced for Glance. When "zone_app" flag is set, applications are grouped based on configured zones. If 'zone_app' flag is set and glance is running on a zone supported solaris machine then glance 'Process List' screen will show a new column called 'LS Name'.

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.

QXCR1000436154:

PROBLEM:	Issue while upgrading HP Performance Agent on Solaris System due to perf64.

FIX:	Issue of perf64 failing to upgrade on a Solaris systems is fixed and now perf64 is upgraded correctly.

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`

- 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:

  `$HOME`

Local Language Support

Localized GlancePlus is not available for Sun Solaris systems.

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

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