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# HP OpenView GlancePlus

For the IBM AIX 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 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 IBM AIX 5.1 and later.
- Dependency of `tttd` to have `rpcbind` or `portmap` running has been eliminated and `tttd` is modified to function independent of `rpcbind` or `portmap`.
- This release includes minor enhancements and defect fixes. (See the [Enhancements and Fixes](#) section for details.)



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

## Installation Notes

For installation requirements and instructions, refer to the *HP OpenView GlancePlus for IBM AIX Systems Installation Guide*, provided as part of the product in Adobe Acrobat (.pdf) format as `gpinst.pdf` at `/usr/lpp/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
  - IBM RS/6000 and pSeries systems
- OS platform and compatibility
  - AIX 5L V5.1 and later
- Software
  - The `libc.a` library is required for OV GlancePlus to operate properly. The library is bundled within the `x1c.rte` package, available on the AIX OS CD-ROM.
  - The `libSpmi.a` library is a prerequisite on AIX 5L V5.1 and later for the memory metrics to be calculated correctly. The library is bundled with the `perfagent.tools` fileset on the AIX OS CD-ROM media and is installed in the `/usr/lib/` directory.
  - Software: X11 Revision 6 (X11R6), Motif(TM) Version 2.1
- Disk space
  - OV GlancePlus is installed in the `/usr/lpp/perf/` directory and its log and status files are created in the `/var/opt/perf/` directory.
  - 30 MB in the `/usr/lpp/perf/` directory for first-time installation
- Compatibility:
  - `gpm` (GlancePlus Motif interface):
    - Terminals: X-workstation display or emulator (not all mouse functions are supported by every X server emulator)
  - `glance` (GlancePlus character mode interface):

Terminals: any terminal supported by the curses library



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

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

QXCR1000220067

**PROBLEM:** The APP\_IO\_BYTE[RATE] metrics sometimes overflow for very high I/O intensive applications.

**FIX:** In this release, the APP\_IO\_BYTE and APP\_IO\_BYTE\_RATE metrics do not overflow for high I/O intensive applications.

QXCR1000086946

**PROBLEM:** The BYNETIF\_NET\_SPEED metric is logged as 31702 instead of 1000000000 for a 1 GB LAN interface

**FIX:** The BYNETIF\_NET\_SPEED metric has been changed to display in Mega Bits Per Second (Mbps). Both GlancePlus and OVPA show this metric in Mbps

QXCR1000241862

**PROBLEM:** Certain BYDSK\_\* RATE metrics may overflow on a system with a large number of disk I/O intensive processes running.

**FIX:** OVPA and GlancePlus report correct BYDSK\_\* RATE metrics on a system with large number of disk I/O intensive processes running.

## Known Problems, Limitations, and Workarounds

QXCR1000188488

**PROBLEM:** The GBL\_NFS\_CALL and GBL\_NFS\_CALL\_RATE metrics may not reflect the activity of NFS version 4 (NFSv4) operations because AIX instrumentation in that area for AIX 5L 5.3 is lacking.

**WORKAROUND:** None

QXCR1000193405

**PROBLEM:** Some CPU utilization and possibly disk I/O metrics may report incorrect values on Power5 systems because of problems with the AIX 5.3 instrumentation in that area. Specifically, the per-process system CPU metrics may not match the per-CPU or global CPU utilization.

**WORKAROUND:** None

QXCR1000195155

**PROBLEM:** On systems that support dynamic CPU addition/deletion, such as AIX 5L 5.3 on Power5 architecture, average (cumulative) global CPU metrics are calculated based on the maximum number of CPUs, instead of active CPUs. An example of one of these global metrics is GBL\_CPU\_TOTAL\_UTIL\_CUM.

**WORKAROUND:** None

QXCR1000195155

**PROBLEM:** Logically partitioned AIX 5L 5.3 systems on Power5 architecture allow dynamic changes to their online memory allocation. This type of memory size change will not correctly reflect in performance tools until the tools are restarted.

**WORKAROUND:** None

QXCR1000187723

**PROBLEM:** The values reported for swapping metrics (GBL\_MEM\_SWAP\_\*) are same as the corresponding paging metrics values (GBL\_MEM\_PAGE\_\*). The swapping metrics do not reflect swapping.

**WORKAROUND:** None

## Documentation Errata

None

# Software Version Information and File Placement Plan

## Version Information

For a summary of version strings for the major executable components of GlancePlus for AIX systems, enter the command:

```
/usr/lpp/perf/bin/perfstat -v
```

## File Placement

Release Notes:

```
/usr/lpp/perf/ReleaseNotes/
```

Executables including UI programs, daemons, and scripts:

```
/usr/lpp/perf/bin/
```

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

```
/usr/lpp/perf/examples/arm
```

Man pages:

```
/usr/lpp/perf/man/
```

Printable documents:

```
/usr/lpp/perf/paperdocs/gp/C/
```

Default configuration and template files:

```
/usr/lpp/perf/newconfig/
```

Product configuration and status files:

```
/var/opt/perf/
```

Development include files:

```
/usr/lpp/perf/include/
```

Library files:

```
/usr/lpp/perf/lib/
```

gpm online help files:

```
/usr/lpp/perf/hyperhelp
```

Application defaults file for gpm:

```
/usr/lpp/perf/hyperhelp/app-defaults
```

Temporary copy of application defaults file for gpm:

```
/usr/lpp/perf/newconfig/app-defaults/C
```

Production copy of application default file for gpm:

```
/var/opt/perf/app-defaults/C
```

Configuration startup files:

```
~userid/
```

# Local Language Support

Localized GlancePlus is not currently available for AIX 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](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/](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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**<http://www.adobe.com>**

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