

HP GlancePlus

For the Sun Solaris Operating System

Software Version: 4.70

Installation Guide

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1 Installing or Upgrading HP GlancePlus

HP GlancePlus Components

GlancePlus gives you extra flexibility by providing two components: `gpm`, the Motif® interface and `glance`, the character mode interface. Both are based on the same rich set of performance data.

Use `gpm`, the Motif interface, to:

- View performance through a graphical user interface with multiple window capability
- Use powerful help subsystems including graphics, hyperlinks and On Window and On Item capabilities
- Alert you to potential problems with alarm capabilities
- Monitor your system while you are doing other work

Use `glance`, the character mode interface, to:

- Monitor performance over slow data communications links
- Monitor the system remotely
- Monitor the system when an X-display is not available
- Alert you to potential problems with alarm capabilities

System Requirements

Before installing GlancePlus, be sure your system meets these system requirements.

`gpm`, GlancePlus Motif interface:

- Hardware platforms supporting the Solaris operating system, including: Sun4c, Sun4d, Sun4m, Sun 4n, Sun4u and E10000, Sunfire, and x86
- Operating System: Sun Solaris 8 and later, Sun Solaris 10 on x86 or later
- Terminals: X-workstation display
- Disk Space: for first time installation, at least 22 MB in the `/opt` directory
- Runtime Memory: approximately 20 MB of virtual memory

`glance`, GlancePlus character mode interface:

- Hardware platforms supporting the Solaris operating system, including: Sun4c, Sun4d, Sun4m, Sun4n, Sun4u and E10000, Sunfire, and x86
- Operating System: Sun Solaris 8 and later, Sun Solaris 10 on x86 or later
- Terminals: any terminal that is supported by the curses library
- Disk Space: at least 6 MB in the `/opt` directory
- Runtime Memory: approximately 10 MB of virtual memory

Installing or Upgrading GlancePlus

Following the steps below, it will take you less than 10 minutes to update all files from your GlancePlus source media.



In order to run GlancePlus with HP Performance Agent, you must upgrade both products to the same release version.

- 1 Login as user **root**.
- 2 If you have previously installed GlancePlus or Performance Agent, run `perfstat` to check for active performance tools:

```
/opt/perf/bin/perfstat
```

If anyone is currently running `glance` or `gpm`, ask them to exit these programs.

- 3 If Performance Agent is running, stop it and all performance tool daemons by entering:

```
/opt/perf/bin/mwa stop
```

- 4 Make sure the `midaemon` is *not* active by typing:

```
ps -ef | grep midaemon
```

If the `midaemon` is still active, type:

```
/opt/perf/bin/midaemon -T
```

- 5 Make sure the `ttd` is *not* active by typing:

```
ps -ef | grep ttd
```

If the `ttd` is still active, stop it by typing:

```
/opt/perf/bin/ttd -k
```

- 6 Run `perfstat` again to make sure all the performance tools have been stopped.

- 7 If this is your first GlancePlus installation and you do *not* have a minimum of 22 MB of disk space in `/opt` directory, create a new `<path>/perf` directory in a location where you do have the space. Symbolically link it to `/opt/perf`. Look at the `ln` man page if you need more information about creating symbolic links.

8 Mount the DVD-ROM to a filesystem using the **mount** command. Change directory to `/<dvdrom_dir>/glance`, where `<dvdrom_dir>` is your DVD-ROM directory. Enter **ls** to verify that you are in the correct directory. You should see the `install.gp` script file.

9 Enter the following command:

```
./install.gp
```

10 Change directory from the DVD-ROM. Unmount the disk using the **umount** command. Remove the DVD.

11 If you stopped the Performance Agent in Step 2, you need to make sure that it is also updated to the same version as the GlancePlus version you just installed. You should finish updating both GlancePlus and Performance Agent before running either tool. Then restart Performance Agent with the following command:

```
/opt/perf/bin/mwa start
```

Installation of GlancePlus automatically updates files used by `/etc/profile` and lets users access the product and its man pages without explicitly updating their shell environment variables. This takes effect the next time you log in. The GlancePlus executable files reside in `/opt/perf/bin` and the man pages reside in `/opt/perf/man` directory.

Applications are defined in the `parm` file, located in `/var/opt/perf` directory. You can customize your `parm` file to match your system usage. Refer to “Defining Applications” in online help for more detail.

The `/opt/perf/examples/` directory contains examples of configuration files, syntax files, and sample program files that you can use to customize your HP Performance Tools. For example, the `/opt/perf/examples/arm/` directory contains Application Response Measurement sample files. For more information, see the `/opt/perf/examples/README` file.

Installation Script Options

For more advanced installations the script supports the command line options described below.

```
install.gp [-chn] [-a admin] [-d spool_dir] [pkg ...]
```

The command line options have the following meanings:

- a `admin` Define an installation administration file, `admin`, to be used by the `pkgadd` utility. By default the script creates and uses its own `admin` file. See *admin(4)* for more details.
- d `spool_dir` Installs the GlancePlus packages in the `spool` directory. The default location is the `./rpmtools` directory.
- c Installs only `glance`, the character mode version of GlancePlus; does *not* install `gpm`, the GlancePlus Motif mode graphical user interface.
- h Display the usage message and exit.
- n When this option is used, GlancePlus is *not* installed. Only the installation parameters are displayed, then the installation exits.
- `pkg ...` Installs only the listed packages. Under `pkg`, enter the names of the modules you want to install, such as `HPgpm`, `HPhh`, `HParm` and `HPglance`. If module names are specified, all required packages are installed. Including a list of packages overrides the `-c` option.



The installation script does *not* evaluate inter-dependencies between packages.

Installing additional packages

After your initial installation, you can install additional packages without running the `install` command again. For example, to install `gpm`, the GlancePlus graphical user interface, enter the following command:

```
cd /<dvdrom-mount-point>
./install.gp HPhh HPgpm
```

Running GlancePlus

To run GlancePlus, you must be logged into the system where it was installed.

To run the GlancePlus Motif interface, you need to export the display to your workstation. Use one of the following commands:

Korn shell: **export DISPLAY=<workstationid>:0.0**

C-shell: **setenv DISPLAY <workstationid>:0.0**

Bourne **DISPLAY=<workstationid>:0.0**

shell: **export DISPLAY**

<workstationid> is the name of the workstation where you want to display GlancePlus.

To start GlancePlus in the Motif interface, enter:

gpm

To start GlancePlus in the character mode interface, enter:

glance

Release Notes

For additional information about this release of GlancePlus, refer to the GlancePlus Release Notes located in:

`/opt/perf/ReleaseNotes/Glance`

Online Help

For `gpm` users:

- To learn about the features available in `gpm`, the Motif-mode version of GlancePlus, click on the **Help** menu in any GlancePlus window.
- To get help on a particular GlancePlus window, display the window, then select **On This Window** from the **Help** menu.
- To get help on a particular item in a GlancePlus window, click the **?** button in the top right corner of the window, then click the item you want to know about.
- You can also get help on an item by pointing to the item, then clicking the right mouse button.

For `glance` users:

To learn about all of the features available in the character mode version of GlancePlus, enter the **h** command or select the **Help** softkey. Use **?** for key commands.

Removing GlancePlus

If you need to remove GlancePlus from a system, use the script `gp.remove` in the `/opt/perf/bin` directory. The script examines system information and determines which packages need to be removed.

The `gp.remove` script is included *only* in the `HPgpm` module package. If the `HPgpm` module package has not been installed to your current system, you will have to *manually* remove `HPhh`, `HParm` and/or `HPglance` module packages.

To remove GlancePlus you will have to:

- 1 Log in as user **root**.
- 2 Run `perfstat` to check for active performance tools:

```
/opt/perf/bin/perfstat
```

If anyone is currently running `glance` or `gpm`, ask them to exit these programs.

- 3 Run the `gp.remove` script:

```
/opt/perf/bin/gp.remove
```
- 4 Answer with **y** when asked for the removal confirmation.

Removal Script Options

For a more flexible product removal the script supports several command line options described below.

The synopsis of the command is as follows:

gp.remove [-fhn] [-a admin] [pkg]

- a admin Define an installation administration file, `admin`, to be used by the `pkgrm` utility. By default the script creates and uses its own `admin` file. See *admin(4)* for more details.
- f Force removal. Do *not* ask for confirmation.
- h Displays the usage message and exit.
- n Do *not* remove. Only display the removal parameters and exit.
- pkg ... Remove only listed packages (under `pkg` enter module names **HPgpm**, **HPhh**, **HParm** and/or **HPglance**). By default, if no module names are specified, all required product packages are removed.



The removal script does *not* evaluate inter-dependencies between packages.

Printable Documents

Excerpts from the GlancePlus online help are provided for you to view online or print as needed. They are located in `/opt/perf/paperdocs/gp/C/`. The *Tracking Your Transactions manual* and *Application Response Measurement API 2.0 Guide*, are also included. They are located in the `/opt/perf/paperdocs/arm/` directory.

Each of the printable documents is provided in Adobe Acrobat® (*.pdf) format. The GlancePlus Metrics Dictionary is also provided in ASCII text format (*.txt).

Table 1 GlancePlus Printables

File Name	Document
<code>gpinst.pdf</code>	<i>HP GlancePlus Installation Guide</i> , Adobe Acrobat file
<code>gp-metrics.txt</code>	<i>HP GlancePlus Metrics Dictionary</i> , ASCII text file
<code>tyt.pdf</code>	<i>Tracking Your Transactions manual</i> , Adobe Acrobat file
<code>arm2api.pdf</code>	<i>Applications Response Measurement API 2.0 Guide</i> , Adobe Acrobat file

The Adobe Acrobat files were created with Acrobat 7.0 and can also be viewed with the Adobe Acrobat Reader versions 4.0 and higher. You can download the Acrobat Reader from Adobe's website:

<http://www.adobe.com>