Release Notes
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Performance Aide and Performance Toolbox for AIX Version 3.1

The following information applies to Performance Aide Version 3.1 for AIX or later.

Performance Aide Agent Version Compatibility

The following table describes the version of Performance Aide agent perfagent and perfmgr you will need to use if you are running the following version of AIX.

<table>
<thead>
<tr>
<th>AIX Version</th>
<th>Performance Aide agent perfagent and perfmgr</th>
</tr>
</thead>
</table>
| AIX Version 4.3.3 | • bos.up/mp 4.3.3.80 (base media)  
                         • perfagent.tools 2.2.33.82 (base media)  
                         • perfagent.server 3.0.0.2 (prior LPP release) |
| AIX Version 5.1 | • perfagent.tools 5.1.0.25 (base media)  
                         • bos.perf.tools 5.1.0.25 (base media)  
                         • bos.perf.perfstat 5.1.0.25 (base media)  
                         • perfagent.server 3.1.0.0 |
| AIX Version 5.2 | • perfagent.tools 5.2.0.10 (base media)  
                         • bos.perf.tools 5.2.0.10 (base media)  
                         • bos.perf.perfstat 5.2.0.10 (base media)  
                         • perfagent.server 3.1.0.0 |

Notes:
2. The Performance Toolbox clients (xmperf and 3dmon) can monitor legacy Performance Aide agents installed at the Version 3.0 level.
3. In AIX 5L for POWER Version 5.1, the iostat performance flag is disabled in a standard installation. This can affect the reporting of performance metrics by the Performance Aide agent. To reset this flag, enter the following command:
   chdev -lsys0 -a iostat=true
4. To check the setting of iostat, enter the following command:
   lsattr -Elsys0 -a iostat

The perfmgr.* levels specified in the compatibility chart above are currently included with the latest versions of the Performance Manager media.

In AIX Version 4.3.3, the agent component, perfagent.server, and analysis tools component, perfagent.tools, were unbundled from the perfagent component. The perfagent.tools component ships with the base AIX installation media for each new level of AIX.

Installing Performance Toolbox for AIX Filesets

Performance Toolbox for AIX contains two components:
• Manager (client)
• Aide (agent) - this function should be installed on every system to be monitored, including the managing client.
These components ship as separate filesets. For AIX Version 5.1 and later, the filesets must be installed in the following sequence:

1. perfagent.tools, bos.perf.tools, bos.perf.perfstat (from the AIX base installation media)
2. Java14.sdk (from the Performance Aide Version 3.1 media)
3. perfagent.server (from the Performance Aide Version 3.1 media)
4. perfmgr.* filesets (from the Performance Toolbox Version 3.1 media)

Performance Toolbox and Performance Aide use Java 1.4. This might require an additional 30 MB of disk space for installation.

Configuration Instructions for Preinstallation Customers

Performance Aide can be ordered preinstalled on customer systems. The preinstalled version is configured so that it does not automatically update the /etc/inittab file to execute services that support the jtopas client. To use this function, preinstallation customers need to do one of the following:

- Manually update the /etc/inittab file with the following entries:

  ```
  ptxnameserv:2:respawn:/usr/java14/jre/bin/tnameserv -ORBInitialPort 2279 2>&1 >/dev/null
  ptxfeed:2:respawn:/usr/perfagent/codebase/jtopasServer/feed 2>&1 >/dev/null
  ptxtrend:2:once:/usr/bin/xmtrend -f /etc/perf/jtopas.cf -d /etc/perf/Top -n jtopas 2>&1 >/dev/null
  ```

- Use the /usr/lpp/perfagent/fg_jtopas script to update the /etc/inittab file. This utility is available with APAR IY47932.

The preinstalled version of Performance Aide is configured differently than the version that is not preinstalled. This is because of anticipated usage differences in customers who use the full-time Performance Toolbox jtopas monitoring and recording function. This function imposes some overhead on the system that preinstallation customers will not need if jtopas is not being used.

The CD Media version of Performance Aide is 3.1.0.0, and will automatically update the /etc/inittab file entries for 24-hour monitoring and recording. The preinstalled version of the Performance Aide is 3.1.0.10.

Migrating Performance Toolbox for AIX from Version 3.0 Using SMIT

If you choose to migrate your Performance Toolbox and Performance Aide for AIX from Version 3.0 to Version 3.1 using SMIT, you must use the smit install_latest fastpath instead of the smit update_all fastpath. If the smit update_all fastpath is used, errors will occur because of Performance Toolbox for AIX name changes.

Online Documentation for Performance Toolbox

Installing and Viewing the Online Documentation

A PDF version of the Performance Toolbox Version 2 and 3 for AIX: Guide and Reference is provided on the Performance Aide Version 3.1 installation media.

The HTML version of the Performance Toolbox Version 2 and 3 for AIX: Guide and Reference ships with the latest AIX Version 5.2 media and is available for download at the IBM pSeries documentation Web site. This documentation will be installed from the following Web address:

```
http://techsupport.services.ibm.com/server/library
```

The documentation fileset will be installed in the following path:

```
/usr/man/info/en_US/a_doc_lib/perftool/prfusrgd/prfusrgd.htm
```
Searching the Online Documentation
If you download and install the HTML version of the documentation and are viewing the documentation from an AIX Version 4.3.3 or 5.1 system, you will not be able to search the Performance Toolbox documentation through the search links. The documentation search facilities that these search links call are only available in AIX Version 5.2.

Printing the Online Documentation
Each file of the online documentation may be printed from your Web browser by doing the following:
1. Ensure that your Web browser is set up to print.
2. From any chapter, place your cursor inside the wide frame to the right of your screen and click to select the frame.
3. From within Netscape Navigator, select the File menu, and then select Print Frame.

Note: If you use a different browser, the menus may differ but the process is similar to the one described above.

Electronic Fix Distribution Instructions
You can order available fixes and they may be downloaded electronically through several available interfaces. Go to the following Web address for additional information:
http://service.software.ibm.com
Appendix. Notices

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