



Sun GlassFish Enterprise Manager SNMP Monitoring 1.0 Release Notes



Sun Microsystems, Inc.
4150 Network Circle
Santa Clara, CA 95054
U.S.A.

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GlassFish SNMP Monitoring Release Notes

GlassFish Enterprise Manager SNMP Monitoring provides SNMP support for Sun GlassFish™ Enterprise Server version 2.1. This feature uses the J2EE MIB to expose the Enterprise Server for monitoring by SNMP clients. The J2EE MIB is described in [Java Specification Request \(JSR\) 77](http://jcp.org/en/jsr/detail?id=77) (<http://jcp.org/en/jsr/detail?id=77>).

These *Release Notes* provide the latest SNMP monitoring updates in the following sections:

- “Revision History” on page 3
- “System Requirements” on page 4
- “Known Issues” on page 4
- “How to Report Problems and Provide Feedback” on page 7
- “Additional Resources” on page 7
- “Accessibility Features” on page 7

For information on installation and basic use, see the *Sun GlassFish Enterprise Manager SNMP Monitoring 1.0 Installation and Quick Start Guide*. For information for advanced users, see the *Sun GlassFish Enterprise Manager SNMP Monitoring 1.0 Reference*. See also the documentation set for Sun GlassFish Enterprise Server (<http://docs.sun.com/col1/1343.6>).

Revision History

This section provides a record of changes in these *Release Notes*.

TABLE 1 Revision History

Date	Description of Changes
January 2009	Initial release.

System Requirements

Before you can download and install SNMP monitoring, you must do the following:

1. Install Sun GlassFish Enterprise Server version 2.1, available at (http://www.sun.com/software/products/appsrvr/get_it.jsp). You can install a domain with any profile: developer, cluster, enterprise, or custom. For more information about Enterprise Server installation, see the *Sun GlassFish Enterprise Server 2.1 Installation Guide*.
2. Purchase support for Enterprise Server, available at (<http://www.sun.com/software/products/appsrvr/support.xml>). This gives you an account that entitles you to download extra Enterprise Server features. It is important to remember your support username and password.

System requirements for SNMP monitoring are the same as those for Sun GlassFish Enterprise Server version 2.1. For Sun GlassFish Enterprise Server version 2.1 system requirements, see the *Sun GlassFish Enterprise Server 2.1 Release Notes*.

Known Issues

This section lists the following known issues with SNMP monitoring:

- “Connector Resources Are Only Displayed for the DAS (6784480)” on page 4
- “Incorrect Data Is Displayed for Disabled Web Modules (6786830)” on page 5
- “JDBC and JCA Pools Appear in the j2eeResourcesTable Only If Monitoring Is HIGH (6787892)” on page 5
- “Statistics Provider Attributes Are Not Correctly Set (6787893 6789156 6789157)” on page 6
- “Disabled and Undeployed Applications Remain in the j2eeAppTable(6789146)” on page 6
- “Deleted Connection Pools Remain in the J2eeResourcesTable (6789179)” on page 6
- “Deleted Virtual Servers Remain in the j2eeModuleTable (6778734)” on page 7

Connector Resources Are Only Displayed for the DAS (6784480)

Description

You can retrieve j2eeJCATable and j2eeJcaConnPoolStatTable data only for the domain administration server (DAS). You cannot retrieve this information for other server instances.

Workaround

None.

Incorrect Data Is Displayed for Disabled Web Modules (6786830)

Description

This issue has two parts:

1. When a stand-alone web module is disabled, the value of the `j2eeModSMSState` attribute in the `j2eeModTable` is still shown as running (4).
2. When a web module within an application is disabled, the `j2eeModTable` entry for the web module disappears altogether.

Workaround

The workarounds are as follows:

1. Restart the clusters or server instances on which the stand-alone web module is deployed.
2. None.

JDBC and JCA Pools Appear in the `j2eeRsrcTable` Only If Monitoring Is HIGH (6787892)

Description

JDBC and connector connection pools do not appear in the `j2eeRsrcTable` when the corresponding monitoring levels are set to OFF.

Workaround

Set monitoring to HIGH for JDBC and connector connection pools. See the *Sun GlassFish Enterprise Manager SNMP Monitoring 1.0 Installation and Quick Start Guide*.

Statistics Provider Attributes Are Not Correctly Set (6787893 6789156 6789157)

Description

The value of the statistics provider attribute for the main GlassFish MBean object is always set to `false`. Therefore, `*StatProv` attributes in various GlassFish SNMP data tables may be set to `false` even when statistics are available.

Workaround

None.

Disabled and Undeployed Applications Remain in the j2eeAppTable(6789146)

Description

If an application is disabled and then undeployed, the application continues to appear in the `j2eeAppTable` for SNMP monitoring.

Workaround

Restart the clusters or server instances on which the application was undeployed.

Deleted Connection Pools Remain in the J2eeRsrcTable (6789179)

Description

JDBC and connector connection pools are not removed from the `J2eeRsrcTable` after they have been deleted.

Workaround

Restart the clusters or server instances from which the JDBC and connector connection pools were deleted.

Deleted Virtual Servers Remain in the `j2eeModTable` (6778734)

Description

When you delete a virtual server, the corresponding entry in the `j2eeModTable` does not get deleted.

Workaround

Restart the clusters or server instances from which the virtual server was deleted.

How to Report Problems and Provide Feedback

If you have problems with Sun GlassFish Enterprise Server version 2.1, provide feedback through one of the following mechanisms:

- [GlassFish mailing lists](https://glassfish.dev.java.net/servlets/ProjectMailingListList) (<https://glassfish.dev.java.net/servlets/ProjectMailingListList>) — A variety of GlassFish community mailing lists for various interests and feedback
- [GlassFish forum](http://forums.java.net/jive/forum.jspa?forumID=56) (<http://forums.java.net/jive/forum.jspa?forumID=56>) — A forum for discussing the GlassFish project

Additional Resources

Useful information can be found at the following locations:

- [GlassFish Community](https://glassfish.dev.java.net/) (<https://glassfish.dev.java.net/>)
- [Sun Developer Information](http://developers.sun.com/) (<http://developers.sun.com/>)
- [Sun Developer Support Services](http://www.sun.com/developers/support) (<http://www.sun.com/developers/support>)
- [Sun Microsystems product documentation](http://docs.sun.com/) (<http://docs.sun.com/>)

Accessibility Features

To obtain accessibility features that have been released since the publication of these media, consult Section 508 product assessments available from Sun upon request to determine which versions are best suited for deploying accessible solutions. Updated versions of applications can be found at <http://sun.com/software/javaenterprisesystem/get.html>. For information on Sun's commitment to accessibility, visit <http://www.sun.com/accessibility/>.

