Sun GlassFish Portfolio Release Notes

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Part No: 820–7405–10
February 2009

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Sun GlassFish Portfolio Release Notes

The Sun GlassFish™ Portfolio provides the foundation to develop and deploy Web and enterprise applications. The portfolio is a cost-effective way to acquire, manage, and maintain critical aspects of your web platform.

The following topics are addressed here:

- "About the Sun GlassFish Portfolio" on page 3
- "About Installation" on page 6
- "Distribution Files" on page 8

Extensive material on the portfolio is available on the Sun GlassFish Portfolio page, including information on downloads and support.

About the Sun GlassFish Portfolio

The most complete application platform stack of components available from an opensource community, the Sun GlassFish Portfolio can support smaller, low-cost deployments as well as extensive, mission-critical deployments. The Sun GlassFish Portfolio is an entire application platform built in open source. The components that make up the portfolio are offered separately and also at various support levels; you can pick the components you want as well as the type of offering.

- "Components" on page 3
- "Offerings" on page 5

Components

The Sun GlassFish Portfolio provides the middleware services and software needed to deliver Web applications throughout an enterprise. The following components are included in the Sun GlassFish Portfolio:

Sun GlassFish Enterprise Server	Enterprise Server is the leading opensource platform for building and deploying next-generation applications and services. More information on GlassFish Enterprise Server
Sun GlassFish Web Stack	Web Stack is an integrated stack of popular opensource, Web-tier infrastructure technologies such as Apache HTTP server, MySQL, memcached, PHP, and Ruby. More information on Web Stack
Sun Web Server	Web Server improves Web security, enhances the end-user experience, and reduces the cost and complexity of deploying and managing Web applications. More information on Web Server
Sun Web Proxy Server	Web Proxy Server caches and filters Web content for e-commerce solutions, enterprise customers, or Internet Service Providers (ISPs). More information on Web Proxy Server
Sun Message Queue	Message Queue enables loosely coupled applications to reliably exchange messages and to scale cost-effectively. More information on Message Queue
Sun GlassFish Web Space Server	Web Space Server is a new class of portal that enables users to define their own Web spaces. More information on Web Space Server
Sun GlassFish Enterprise Service Bus (ESB)	ESB is a pluggable integration platform that incorporates the Java Business Integration (JBI) standard to allow loosely-coupled components to communicate with each other through standards-based messaging. More information on ESB
Sun GlassFish HADB	An add-on product, HADB is a database used by Enterprise Server as a highly available data store for HTTP session and stateful session bean data.
Enterprise Manager	An add-on product, Enterprise Manager is a collection of tools for performance monitoring and tuning. Includes Performance Advisor,

Performance Monitor, and SNMP Monitoring.
More information on Enterprise Manager

Offerings

The Sun GlassFish Portfolio is offered in two licensing formats: per-server or unlimited. A *per-server subscription* is an annual subscription based on the number of physical or virtual servers on which the software components of the Sun GlassFish Portfolio are deployed. An *unlimited subscription* is an annual subscription based on the number of company employees. Per-server offerings include Basic, Silver, Gold, and Platinum. The unlimited subscription is offered for Gold or Platinum.

- **Basic** includes Sun GlassFish Enterprise Server and Sun GlassFish Web Stack. Per-server basis.
- **Silver** includes the Basic components, plus Sun Web Server, Sun Web Proxy Server, and Sun Message Queue. Per-server basis.
- **Gold** includes the Basic and Silver components, plus HADB. The Enterprise Manager components are also included: Performance Advisor, Performance Monitor, and SNMP Monitoring. Per-server basis.
- **Gold Unlimited** includes all Gold components, plus Sun GlassFish Web Space Server and Sun GlassFish Enterprise Server Bus. Unlimited basis.
- **Platinum** includes Basic and Silver components, plus HADB. The Enterprise Manager components are also included: Performance Advisor, Performance Monitor, and SNMP Monitoring. Also includes account management. Per-server basis.
- **Platinum Unlimited** includes all Platinum components, plus Sun GlassFish Web Space Server and Sun GlassFish Enterprise Server Bus. Also includes account management. Unlimited basis.

The following table indicates the components that are included with each offering of the Sun GlassFish Portfolio. Links to the documentation for each component are also provided.

TABLE 1 Sun GlassFish Portfolio Offerings and Documentation

Component	Basic	Silver	Gold, Gold Unlimited	Platinum, Platinum Unlimited	Documentation
Sun GlassFish Enterprise Server 2.1	Included	Included	Included	Included	GlassFish 2.1 document collection System Requirements
Sun GlassFish Web Stack	Included	Included	Included	Included	System Requirements

TABLE 1 Sun GlassFish Portfolio Offerings and Documentation *(Continued)*

Component	Basic	Silver	Gold, Gold Unlimited	Platinum, Platinum Unlimited	Documentation
Sun Web Server 7.0		Included	Included	Included	Web Server document collection Systems Requirements
Sun Web Proxy Server 4.0.9		Included	Included	Included	Web Proxy Server document collection System Requirements
Sun Message Queue 4.3		Included	Included	Included	Message Queue document collection System Requirements
Sun GlassFish Web Space Server			Included in Gold Unlimited only	Included in Platinum Unlimited only	Web Space Server document collection System Requirements
Sun GlassFish Enterprise Service Bus (ESB)			Included in Gold Unlimited only	Included in Platinum Unlimited only	ESB document collection
Sun GlassFish HADB			Included	Included	System Requirements
Enterprise Manager ■ Performance Advisor ■ Performance Monitor ■ SNMP Monitoring			Included	Included	GlassFish 2.1 document collection ■ Performance Advisor System Requirements ■ Performance Monitor System Requirements ■ SNMP Monitoring System Requirements

About Installation

This section addresses issues that might apply to your installation, depending on what Sun GlassFish Portfolio components you are installing and how your system is deployed.

- "Before You Install Components" on page 7
- "Installation Notes" on page 7

Note – The documentation that you might want to examine first for each component includes the *Release Notes* (which usually includes system requirements), the *Installation Guide*, and the *Getting Started Guide* or the *Quick Start Guide*.

Before You Install Components

Each of the Sun GlassFish Portfolio components has system requirements that might mean the component could be incompatible with your system. For example, your operating system might not be at the required level. Before installing a component, it is important to review the system requirements for the component:

- Enterprise Server System Requirements
- Web Stack System Requirements
- Web Server System Requirements
- Web Proxy Server System Requirements
- Message Queue System Requirements
- Web Space Server System Requirements
- Enterprise Service Bus document collection
- HADB System Requirements
- Enterprise Manager components
  - Performance Advisor System Requirements
  - Performance Monitor System Requirements
  - SNMP Monitoring System Requirements

Installation Notes

The following issues might apply to the components you are installing or the environment you are installing the Sun GlassFish Portfolio into:

- **If You Are Installing Web Stack**
  - Web Stack does not support Windows.
  - You need to verify that your operating system is at the right level. For information, see Web Stack System Requirements.
- **If You Are Installing Gold and Platinum Components and You Need HADB**

  There are two Sun GlassFish Enterprise Server v2.1 download files. One file includes HADB, and one does not. The download file that you should use begins with `sges_ee...`

Distribution Files

The Sun GlassFish Portfolio is supported on the Solaris-Sparc, Solaris x86, Linux, and Windows platforms. The tables in this section list the distribution files for the platforms.

- "Solaris-Sparc Distribution Files" on page 8
- "Solaris x86 Distribution Files" on page 8
- "Linux Distribution Files" on page 9
- "Windows Distribution Files" on page 10

Solaris-Sparc Distribution Files

The following table lists the distribution files for the Solaris-Sparc platform.

TABLE 2 Solaris-Sparc Distribution Files for Sun GlassFish Portfolio

Component	Offering	Download Files
Sun GlassFish Enterprise Server 2.1	All	`sges-2_1-solaris-sparc-ml.bin`
	All Gold and Platinum	`sges_ee-2_1-solaris-sparc-ml.bin`
Sun GlassFish Web Stack	All	`webstack-all-1.4-b06-solaris-sparc.tar.gz`
Sun Web Server 7.0	All except Basic	`sjsws-7_0u4-solaris-sparc.tar.gz`
Sun Web Proxy Server 4.0.9	All except Basic	`sun-web-proxy-server-4.0.8-sparc.tar.gz`
Sun Message Queue 4.3	All except Basic	`openmq4_3-binary-SunOS.zip`
Sun GlassFish Web Space Server	Only Gold Unlimited and Platinum Unlimited	`webspace-10-fcs-for-gfv2.zip` (without GlassFish v2.1) `webspace-10-fcs-gfv2-sunos.zip` (with GlassFish v2.1)
Sun GlassFish Enterprise Service Bus (ESB)	Only Gold Unlimited and Platinum Unlimited	`glassfishesb-full-installer-solaris-sparc.sh`
Sun GlassFish HADB	All Gold and Platinum	`sges_ee-2_1-solaris-sparc-ml.bin`
Enterprise Manager SNMP Monitoring	All Gold and Platinum	`140750-1.zip`
Enterprise Manager Performance Monitor	All Gold and Platinum	`140749-1.zip`
Enterprise Manager Performance Advisor	All Gold and Platinum	`140751-1.zip`

Solaris x86 Distribution Files

The following table lists the distribution files for the Solaris x86 platform.

TABLE 3 Solaris x86 Distribution Files for Sun GlassFish Portfolio

Component	Offering	Download Files
Sun GlassFish Enterprise Server 2.1	All	`sges-2_1-solaris-i586-ml.bin`
	All Gold and Platinum	`sges_ee-2_1-solaris-i586-ml.bin`
Sun GlassFish Web Stack	All	`webstack-all-1.4-b06-solaris-i586.tar.gz`
Sun Web Server 7.0	All except Basic	`sjsws-7_0u4-solaris-amd64.tar.gz`
Sun Web Proxy Server 4.0.9	All except Basic	`sun-web-proxy-server-4.0.8-solaris-i586.tar.gz`
Sun Message Queue 4.3	All except Basic	`openmq4_3-binary-SunOS_X86.zip`
Sun GlassFish Web Space Server	Only Gold Unlimited and Platinum Unlimited	`webspace-10-fcs-for-gfv2.zip` (without GlassFish v2.1) `webspace-10-fcs-gfv2-sunos-x86.zip` (with GlassFish v2.1)
Sun GlassFish Enterprise Service Bus (ESB)	Only Gold Unlimited and Platinum Unlimited	`glassfishesb-full-installer-solaris-x86.sh`
Sun GlassFish HADB	All Gold and Platinum	`sges_ee-2_1-solaris-i586-ml.bin`
Enterprise Manager SNMP Monitoring	All Gold and Platinum	`140750-1.zip`
Enterprise Manager Performance Monitor	All Gold and Platinum	`140749-1.zip`
Enterprise Manager Performance Advisor	All Gold and Platinum	`140751-1.zip`

Linux Distribution Files

The following table lists the distribution files for the Linux platform.

TABLE 4 Linux Distribution Files for Sun GlassFish Portfolio

Component	Offering	Download Files
Sun GlassFish Enterprise Server 2.1	All	`sges-2_1-linux-ml.bin`
	All Gold and Platinum	`sges_ee-2_1-linux-ml.bin`
Sun GlassFish Web Stack	All	`webstack-all-1.4-b06-redhat-i586.tar.gz`
Sun Web Server 7.0	All except Basic	`sjsws-7_0u4-linux-i586.tar.gz`
Sun Web Proxy Server 4.0.9	All except Basic	`sun-web-proxy-server-4.0.8-linux.tar.gz`

TABLE 4 Linux Distribution Files for Sun GlassFish Portfolio *(Continued)*

Component	Offering	Download Files
Sun Message Queue 4.3	All except Basic	`openmq4_3-binary-Linux_X86.zip`
Sun GlassFish Web Space Server	Only Gold Unlimited and Platinum Unlimited	`webspace-10-fcs-for-gfv2.zip` (without GlassFish v2.1) `webspace-10-fcs-gfv2-linux.zip` (with GlassFish v2.1)
Sun GlassFish Enterprise Service Bus (ESB)	Only Gold Unlimited and Platinum Unlimited	`glassfishesb-full-installer-linux.sh`
Sun GlassFish HADB	All Gold and Platinum	`sges_ee-2_1-linux-ml.bin`
Enterprise Manager SNMP Monitoring	All Gold and Platinum	`140750-1.zip`
Enterprise Manager Performance Monitor	All Gold and Platinum	`140749-1.zip`
Enterprise Manager Performance Advisor	All Gold and Platinum	`140751-1.zip`

Windows Distribution Files

The following table lists the distribution files for the Windows platform.

TABLE 5 Windows Distribution Files for the Sun GlassFish Portfolio

Component	Offering	Download Files
Sun GlassFish Enterprise Server 2.1	All	`sges-2_1-windows-ml.exe`
	All Gold and Platinum	`sges_ee-2_1-windows-ml.exe`
Sun GlassFish Web Stack	All	No support
Sun Web Server 7.0	All except Basic	`sjsws-7_0u4-windows-i586.zip`
Sun Web Proxy Server 4.0.9	All except Basic	`sun-web-proxy-server-4.0.8-win.zip`
Sun Message Queue 4.3	All except Basic	`openmq4_3-binary-WINNT.zip`
Sun GlassFish Web Space Server	Gold Unlimited and Platinum Unlimited only	`webspace-10-fcs-for-gfv2.zip` (without GlassFish v2.1) `webspace-10-fcs-gfv2-windows.zip` (with GlassFish v2.1)
Sun GlassFish Enterprise Service Bus (ESB)	Gold Unlimited and Platinum Unlimited only	`glassfishesb-full-installer-windows.exe`
Sun GlassFish HADB	All Gold and Platinum	`sges_ee-2_1-windows-ml.exe`

TABLE 5 Windows Distribution Files for the Sun GlassFish Portfolio *(Continued)*

Component	Offering	Download Files
Enterprise Manager SNMP Monitoring	All Gold and Platinum	`140750-1.zip`
Enterprise Manager Performance Monitor	All Gold and Platinum	`140749-1.zip`
Enterprise Manager Performance Advisor	All Gold and Platinum	`140751-1.zip`