

# Sun GlassFish™ Web Stack

An integrated, optimized, and pretested  
open-source Web stack



Sun GlassFish™ Web Stack is a complete, preintegrated, and optimized AMP stack that provides enterprise-grade update, deployment, and management capabilities as well as worldwide, business-class support. With GlassFish Web Stack, your organization can streamline and optimize the development and deployment of open-source enterprise Web stacks and enjoy comprehensive support of popular open-source software. It enables enterprises to deploy open-source software in mission-critical applications with confidence while minimizing risk and administrative overhead.

Community-driven open-source software provides substantial benefits to Web application environments, including compelling price/performance, reduced costs and deployment risks, and wide developer acceptance and familiarity. GlassFish Web Stack is a complete AMP cross-platform portfolio of Web-tier technologies developed by several open-source communities. These popular components are compiled, pre-configured, and tested by Sun across multiple operating systems for optimal performance and compatibility.

GlassFish Web Stack enables organizations to use familiar technology — Apache HTTP, lighttpd, Squid, PHP, Ruby, Python, MySQL™, and more — with confidence. Enterprises can leverage the GlassFish Web Stack to standardize their existing AMP strategies and to streamline their Web-tier enterprise proxy capabilities, load balancing, and Web-tier content and applications such as image servers and DMZ applications.

GlassFish Web Stack also includes the Sun Continuous Integration Server, which is based on Hudson, the most popular tool for continuous integration. The Sun Continuous Integration Server is very easy to install and configure. Its

rich set of plugins enables the setup, execution, monitoring, and reporting of build and test workloads across multiple machines, including those on Amazon EC2.

## Speed and consistency

With GlassFish Web Stack, organizations can take advantage of their core competencies in LAMP/SAMP stacks with an integrated, optimized, and tested stack of popular open-source components. Common application stacks such as AMP and MARS (MySQL, Apache, Ruby on Rails, the Solaris™ Operating System) are ready to go in minutes. Application stacks are optimized for target system platforms, helping to maximize server utilization, support more users, and reduce response time — and advanced users can still hand-tune the configuration for a specific environment.

## One-stop open source

GlassFish Web Stack enables enterprises to consolidate their Web-tier, open-source package and patch support with a single vendor for all deployments. Sun adds value to its open-source GlassFish Web Stack offering by delivering a solution that meets enterprise and business-critical requirements, applying rigorous testing and release engineering methodologies typically reserved for proprietary enterprise

## Highlights

- Increases reliability of open-source deployments
- Reduces complexity and variations in open-source components enterprise-wide
- Provides patch support for all deployments across leading platforms — all from a single vendor
- Easy to acquire, install, and use

software. Sun also supports GlassFish Web Stack as a standard commercial product with offerings that include 24x7 support, patches, updates, indemnification, consulting, and more.

Sun's recognized expertise in enterprise application software and open source, including core contributors and committers on many of the GlassFish Web Stack components, helps contribute to an up-to-date, regularly scheduled, rock-solid solution — and helps ensure that fixes and improvements become part of future open-source releases.

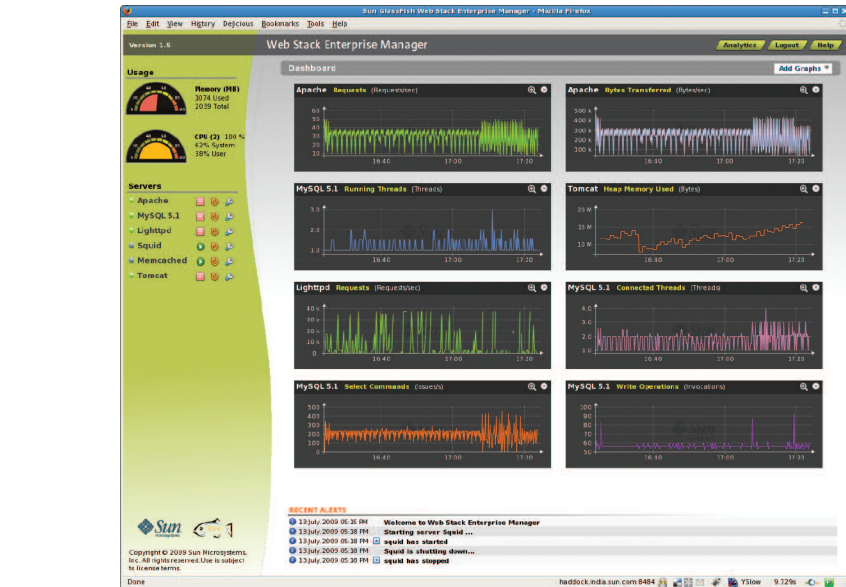
### Cross-platform

GlassFish Web Stack includes components compiled, pre-configured, and tested by Sun across multiple operating systems for optimal performance and compatibility. The same component versions can be run on all supported platforms, allowing developers to use their platform of choice, while at the same time enabling system administrators to deploy on their system of choice.

GlassFish Web Stack is available as a standalone profile on the Solaris 10 Operating System and Red Hat Enterprise Linux 5 platforms. In addition, installations are customized to leverage advanced features of the OpenSolaris™ Operating System and there is support for cloud environments, including Amazon EC2 and Sun's network.com.

### Production tools

GlassFish Web Stack features production tools that facilitate deployments and ease the burden of network and system management. It also provides flexible options with native packaging for Solaris 10 and Red Hat along with an Image Packaging System (IPS) that manages and automatically deploys new updates to GlassFish Web Stack components. Featured technologies include:



GlassFish Web Stack — Enterprise Manager

- Enterprise Manager — an easy-to-use services management, monitoring, and analytics dashboard that delivers tools for performance monitoring and tuning. Enterprise Manager's graphical display of performance metrics allows administrators to quickly determine system and application bottlenecks.
- Update Center — a sophisticated and comprehensive patch/update manager that provides proactive notifications, installation, and administration of patches and updates across multiple implementations of GlassFish Portfolio components.

### Developer support

Easy download and fast installation of a pretested, optimized stack helps developers focus on application development, not integration issues. GlassFish Web Stack provides a comprehensive offering that helps ensure developers can use the right component for the right use in their development of Web-based applications.

### Requirements

GlassFish Web Stack runs on the following operating environments:

- OpenSolaris 2008.11 or later
- Solaris 10 Operating System, 5/08 or later
- Red Hat Enterprise Linux 5, Update 2 or later, Intel and AMD x86/x86-64

### Why Sun?

With GlassFish Web Stack, enterprises no longer have to choose between open source and enterprise support and reliability — they get all the advantages of production-class features and support, best-in-class performance and features, and economical pricing.

### Learn more

GlassFish Web Stack is available for purchase as part of the Sun GlassFish Portfolio, the most complete, cost-effective open Web application platform available. To learn more visit, [sun.com/glassfish](http://sun.com/glassfish).