

PAYARA SERVER FOR OPERATIONS TEAMS



Payara Server – Derived from GlassFish, with 24/7 Support

The logical replacement for Oracle GlassFish Open Source Edition, Payara Server is the Open Source platform of choice for your production Java EE applications. With no need for code rewrites or application re-architecting, Payara Server offers a natural transition to a fully supported application server; ensuring a stable, production-ready Java middleware platform.

Payara Server is a compelling, GlassFish-derived alternative to Oracle's own product roadmap, which requires migration to WebLogic Server.

Simplified deployment

Derived from the GlassFish Open Source Edition core, Payara Server provides exactly the same features and functions your developers have come to rely on. Payara Server drops straight into your existing operating environment for simple, rapid deployment.

Payara offers a complete managed migration service to reduce the burden on your IT operations team without compromising application availability.

On top of the simplified deployment, Payara Server brings a number of production and DevOps-oriented functionalities. Combined with regular bug fixes, features and enhancements, which are not present in GlassFish, Payara Server improves your application server performance, making your environment stable and production-ready.

More than just a GlassFish replacement

Although Payara Server is derived directly from GlassFish Server, it delivers much more:

- A superior application server experience and feature set driven by user feedback.
- An on-going development roadmap ensures Payara Server continues to meet your needs now and into the future.
- Constant product improvements in the form of quarterly updates and frequent patches and bug fixes.
- Full 24x7x365 screen-sharing support for your production Payara Servers.

Rock solid enterprise performance

Payara Server provides the reliability, scalability and fault tolerance that your operations teams have come to rely on.

- Support for clustering (JCache and Payara Scales) improves availability and provides a stable platform for your future application needs.
- Session replication prevents data loss or misdirection.
- Load balancing services improve applications' scalability and data access.
- Full web based administration console provides a single view of all clustered and standalone Payara servers and enables applications to be deployed across the whole domain.
- Simplified management and administration using the built-in scriptable command line interface.
- Full access to administrative functions using REST allows you to create custom views of administration and monitoring data.
- A full set of monitoring JMX MBeans provides Integration support for JMX based monitoring programs.
- Support for rolling upgrades of Java EE applications across clustered Payara Servers maintains complete availability throughout the process.

Your server, your way

Payara Server offers all the services your business needs to ensure a seamless, on-going service for your users and customers:

- A stable, high-availability platform for your Java EE applications.
- Scriptable, extensible management tools using the built-in asadmin command line tool and REST interface.
- Full platform support for Windows Server, Linux and AIX.

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Special Features for Operations

Payara Server ships with a selection of advanced tools to simplify operations management and help you boost application performance:

- Slow SQL logging allows you to identify poorly performing code.
- Healthcheck service automatically monitors and reports on resource usage, providing alerts when thresholds are breached.
- Admin Script Recorder allows you to record your activities in a console, creating a script for automation.
- Payara Scales add-on allows Payara Server to replicate session and cache data across multiple data centres & stores data in-memory, off heap making it perfect for large-scale, highly resilient deployments.

Client experiences...

I started using Payara Server and haven't looked back. The killer feature has really been Hazelcast integration. This has finally enabled me to achieve zero-downtime deployment and upgrades.

Lenny Primak

As of today, Payara Server is stable, cutting edge, leaps ahead of GlassFish and as far as I know, it is the only open-source application server with the option of a paid support that does not require any changes in your code, dependencies or infrastructure.

Matyas Bene

With Payara Server's ease of installation and great support, what you get is open-source software that anyone thinking of successful deployment and implementation of Java EE in their environment needs to try!

Kai Uwe Pel

The Payara Server is surrounded by vibrant community, nice engineers and capable support.

I particularly like its non-functional features important for DevOps, Continuous Deployment and "microservices" like convenient command line, extensive RESTful monitoring, or nice admin web interface are important for enterprise projects.

Adam Bien



For a full installation and build instructions see the Payara Server Documentation www.payara.fish/documentation

Benefits

- Derived from GlassFish Server Open Source Edition, a technology your team already knows.
- No need to re-engineer applications, or plan migration to a new application server platform.
- Quarterly Payara Server product releases keep your systems updated.
- Monthly patches and hot fix release cycle to keep servers secure.
- Fully open source product to extend and amend to your business needs.
- On-going and vibrant Payara product development, driven by customer and community feedback.

Related products and services

- Customisable [production and developer support](#), including 24x7x365 provisions.
- Remote and on-site [consultancy](#) available.
- [Payara Micro](#) for containerised application deployment.
- [Payara Scales](#) for JCache, Web Sessions & WAN replication.

System Requirements

As a direct replacement for GlassFish Server Open Source Edition, Payara Server uses the same basic system requirements:

- JDK 7 or above
- 512MB RAM

For more help and advice, please contact [Payara support](#).