ORACLE CLOUD

ORACLE JAVA CLOUD SERVICE

FEATURES

- Self-service portal to provision your environment in minutes, and immediately start deploying your application
- Full automated life cycle management using advanced tooling
- Powered by the industry's #1 application server Oracle WebLogic Service
- Runs on Oracle's enterprise-grade compute infrastructure
- Fully customizable for any Java application, with full administrative access
- Standards-based platform for easy deployment of new or existing Java applications
- Built-in High Availability
- Designed to handle any workloads for enterprises to startups
- RESTful APIs for automation
- Developer productivity tools such as Maven, Ant, Eclipse, NetBeans, and JDeveloper

BENEFITS

- Massive developer and administrator productivity with self-service, agile platform
- Rapid development, focus on business problem, and innovation
- Reduce cost with pay per use and instant reporting of usage
- Zero code change to move applications to cloud
- Huge capacity available at your fingertips, any-time without upfront commitment
- Quick time to market with instant provisioning of environment and highly productive developer tools
- Reduces risk with standards-based platform, with no vendor lock-in
- Never lose business with highly available platform

Oracle Java Cloud Service is a complete enterprise grade platform and infrastructure cloud solution for building, deploying, and managing Java EE applications. Use Oracle Java Cloud Service to rapidly provision an application environment with Oracle WebLogic Server as the application container and Oracle Traffic Director as the software load balancer, on top of infrastructure provided by Oracle Compute Cloud Service. Businesses can maximize productivity with instant access to cloud environments that support any Java application, complete with integrated security, database access. It allows businesses to realize all the benefits of Platform as a Service including subscription-based, self-service access to reliable, scalable, and elastic cloud environments. Additionally, businesses can move their applications seamlessly from the Oracle Cloud to other clouds or on-premise, and back again.

Self Service with the Choice You Want

With Oracle Java Cloud Service you get a self-service portal so that you can provision your service environment and manage your service life cycle using advanced automated tooling. You will have several self-service options available to you. You will be able to choose: Oracle WebLogic Server software, product edition, size of your clustered environment, CPU, memory capacity, and optional load balancing. Additionally, in order to help you manage your service lifecycle there is a customizable self-service portal that allows backup, restore and patch.

Extreme Portability and Security

With Oracle Java Cloud Service, you get a standards based platform for easy deployment of new or existing Java EE applications. As the software is identical to on premise, applications deployed in on premise environments can easily be move to the Oracle Java Cloud Service. And, you will still have full administrative control of your cloud environment with the tools you are already familiar with. With Java Cloud Service, you can use the standard management tools like the WebLogic Server Administration Console or Oracle Enterprise Manager Fusion Middleware Control. You also have the option to use an integrated development environment or WebLogic Scripting Tool commands. To create security policies to protect the WebLogic resources in the domain, you can use the WebLogic Server Administration Console to define users, groups, and security roles.

Easy Provisioning

Oracle Java Cloud Service automatic provisioning capabilities allow you to provision a complete Oracle WebLogic server and virtual machine environment in just minutes and then begin deploying applications immediately. And you get choice…deploy Oracle WebLogic Server 11g or 12c and one of the following product editions: Oracle WebLogic Server Standard Edition, Oracle WebLogic Server Enterprise Edition or Oracle WebLogic Suite. Within Oracle Java Cloud

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JAVA EE
- EAR and WAR Deployment
- JAX-WS Web Services
- REST Web Services
- JSF, JSP, EJB

DATABASE
- Oracle Database
- JDBC Access
- JPA Applications

APPLICATION DEVELOPMENT FRAMEWORK (ADF)
- ADF Faces
- ADF Business Components
- ADF Web Services

IDENTITY MANAGEMENT
- Secure Applications
- User and Role Management

Service, your instances are provisioned in an identity domain that corresponds to your account. The identity domain will control authentication and authorization to your instances keeping your cloud environment secure. To top it off, the underlying setup and configuration work is done for you. When you provision, your service instance is preconfigured to your Oracle Database Cloud Service instance and Oracle Storage Cloud Service Instance.

Fast and Secure Deployments

Do you have a deployment option that you are already familiar with? With Oracle Java Cloud Service, you can quickly and securely deploy your new applications or migrate your on-premise Java enterprise applications to a WebLogic Server instance. Choose from popular IDEs such as Oracle JDeveloper, Oracle Enterprise Pack for Eclipse or NetBeans. You can also access the WebLogic Server Administration Console through a convenient menu on Oracle Java Cloud Service Cloud portal allowing you to perform administrative operations. You can use the same menu to access the Fusion Middleware Control for your instance just like deploying to an on-premise instance. You also have the option to use the WebLogic Scripting Tool for scripting administrative operations.

Turnkey Development

With Oracle Java Cloud Service you can continue to develop your Java applications in the same way as on-premise Java applications. No specific development or SDK is needed and you go further by taking advantage of the continuous integration capability of Oracle Developer Cloud Service FREE!

Customized Administration and Monitoring

Using familiar tools and a user friendly cloud portal, you can administer your WebLogic domains, virtual machine storage and network settings in a highly visible and customizable way. In the Cloud portal, you can monitor your provisioned instances as well as check compute and memory resources across all instances. You can also easily create and manage your cloud instances as well as apply patches, add capacity, configure a back-up schedule or restore and instance. Monitoring the health data of your instance or an individual VM is easy as well through the Cloud Portal.

Easy to use Service Lifecycle Operations

With Oracle Java Cloud Service, back up and restoration, patching and rollback, are easy to use and customizable yet fully managed and automated. When your service instance is provisioned, weekly full back ups as well as incremental daily backups are already scheduled. Change the day and time of the backup any time or initiate a back-up on demand. Restore an instance from a full or incremental back up to return the instance to a previous state. You can apply quarterly Patch Set Update and Java Development Kit patches on your own schedule. You will also be able to scale out or scale in on demand.

Seamless Service Integration

Oracle Java Cloud Service is built on Oracle's enterprise grade cloud infrastructure and is seamlessly integrated with other Oracle Cloud services like: Oracle Database Cloud Service, Oracle Developer Cloud Service, Oracle Messaging Cloud Service, and Oracle Storage Cloud Service.

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Oracle Java Cloud Service Trial is coming soon. For more information and recent updates, see Trial and Paid Subscriptions for Oracle Cloud Services.

Hardware and Software, Engineered to Work Together

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