

ORACLE JAVA CLOUD SERVICE - SAAS EXTENSION

FEATURES

- Instant creation of a platform to deploy business extensions to Oracle Software as a Service offerings
- Support for applications based on standard Java and Application Deployment Framework (ADF)
- Access to Oracle Database instances through the Oracle Database Schema Service
- Integrated Identity Management for user repository and Single Sign-On (SSO).
- Standards-based platform for easy deployment of Java-based extensions
- Built-in High Availability
- Runs on Oracle's enterprise-grade compute infrastructure
- 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
- 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
- Large selection of pre-built extensions accessible through Oracle Cloud Marketplace

Oracle Java Cloud Service - SaaS Extension provides an enterprise-grade platform to develop and deploy business extension for application services offered as Oracle Software as a Service, such as Oracle Sales Cloud, Oracle Service Cloud, etc.. With the Oracle Java Cloud Service - SaaS Extension, businesses can maximize productivity with instant access to fast array of extension built by Oracle partners and Oracle Cloud community. It allows businesses to reap all the benefits of a cloud offering including subscription-based, self-service access to reliable, scalable, and elastic cloud environments. What's more, platform supports Java and open-standards to maximize developer productivity and eliminate vendor lock-in risk.

Invoking Application Services

Java Cloud Service - SaaS Extension natively understands the services exposed by Application Service. These can be standard Web Services, RESTful services, or direct interaction. The platform makes it simple and easy to invoke these services available from SaaS applications.

Embedding UI Flows in Application Services

Building web pages using Java or Oracle Application Development Framework and deploying them to Java Cloud Services is easy. But equally easy is to embed these pages in SaaS Applications to extend the functionality your business needs.

Security

Every application deployed on the platform runs in completed isolated environment, with no sharing of application space or data. No other tenant can impact the performance and security of your business application extension. Extension Platform comes with dedicated identity domain to store application users and control their access, all with easy-to-use self-service identity management tooling. Add business application users through the web-based tooling, or load your user in bulk, or simply on-board users in added to application service through identity federation. All users created on Human Capital Management Cloud Service, or Sales Cloud, or Service Cloud can easily access application extensions deployed to the extension platform. Single Sign-On is available out-of-the-box with associated Application Services.

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
- Automatic Single Sign-On

Openness

No more need for using obscure APIs and proprietary tooling to rebuild your applications for proprietary Platform as a Service (PaaS) solutions. With the Oracle Java Cloud Service - SaaS Extension, you can deploy Java-based extension or custom application to an instantly provisioned service instance in the cloud without any modifications. The open nature of the Oracle Java Cloud Service - SaaS Extension also enables developers to use their favorite out-of-the-box developer tools or choose the productivity features built into Oracle JDeveloper, Eclipse, and NetBeans IDEs.

Portability

Openness leads to portability. With the Oracle Java Cloud Service - SaaS Extension, you don't need to tie yourself to the Oracle Cloud for your applications and extensions to take advantage of its benefits. That is because the service allows for the seamless movement of applications between on-premise and instances of the Oracle Java Cloud Service - SaaS Extension within the Oracle Cloud. The approach allows for the flexibility to mix and match the use of on-premise environments with cloud services for Development, Test, and Production.

Instance Access

With the Oracle Java Cloud Service - SaaS Extension, businesses can create a production ready environment for their enterprise applications within minutes. Oracle Java Cloud Service - SaaS Extension instances are created with just a few clicks and come pre-configured with optimized database, identity management, and security configurations to deliver instant value. Create a complete extension environment in minutes!

Performance, Scalability, Maturity and Reliability

Businesses need a mature and reliability platform to run your business critical application and extensions. Java Cloud Service – SaaS Extension platform is built on Oracle's market-leading middleware products for proven performance, scalability, reliability, and availability. With the Oracle Java Cloud Service - SaaS Extension, customers can evolve their enterprise architectures to the cloud, without giving up the benefits of the industry's most complete, best-of-breed platform for developing enterprise applications.

Enterprise-Grade

As part of the Oracle Cloud, the extension platform is deployed on enterprise-grade infrastructure that includes Oracle Exadata and Oracle Exalogic for extreme performance and availability, mirroring of storage for data redundancy, full system backup and restore, datacenters in multiple geographic locations, and industrial-strength physical and logical security. Furthermore, Oracle Cloud is backed by 24/7 multi-lingual Support to ensure customers' needs in various regions are met. Each Oracle Java Cloud Service - SaaS Extension instance is built using WebLogic Server, industry's #1 application server, across conventional and cloud environments.

Fully Managed

Business running Application Services are accustomed to a fully managed environment, and would like to extend that benefit to the platform where they run their business application extensions. Java Cloud Service – SaaS Extension provides an environment that is fully managed by Oracle on the behalf of the customer. Customers don't have to patch, backup, or monitor the environment at all. Oracle does that all for one low-subscription price.

Marketplace

Businesses can benefit from the large number of extensions pre-built by Oracle partners. Oracle Cloud Marketplace is a market for business to look for available extension and easily deploy them in their extension environment. It is also a market place to look for Oracle partners that provide value-added services on top of Application Services provided in Oracle Cloud. With 300+ extensions, and 100+ service providers you can easily find a solution for your business needs. Please visit Oracle Cloud Marketplace for more details - <https://cloud.oracle.com/marketplace>.

Subscribe

Set up an Oracle Public Cloud Services account for Oracle Java Cloud Service - SaaS Extension. You can register for a free 30-day trial or create a purchase order from the Oracle Cloud website (cloud.oracle.com) or the Oracle Store (shop.oracle.com) using your Oracle.com account. Also, an Oracle sales representative can create a purchase order. For more information, see [Trial and Paid Subscriptions](#) for Oracle Cloud Services.

Note: To use Oracle Java Cloud Service, you must also have active Oracle Public Cloud Services accounts for Oracle Database Cloud Service and Oracle Storage Cloud Service.



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Hardware and Software, Engineered to Work Together