ORACLE
SOA Cloud

Run Oracle
SOA in the
Cloud

Now you can deploy SOA in the cloud!

Oracle SOA Cloud complements the modern user experience of Oracle Integration (OIC) by enabling coexistence and phased modernization for existing on-premise SOA Suite customers.

Oracle SOA Cloud provides an iPaaS computing platform solution for running integration platform applications in the cloud. The following service types are available for provisioning:

- Oracle Service Bus is a configuration-based, policy-driven enterprise service bus that provides capabilities for service discovery and mediation, rapid service provisioning and deployment, and governance.

- Oracle SOA Cloud provides business analytics with Oracle Business Activity Monitoring (BAM).

- Oracle Managed File Transfer Cloud Service securely exchanges files between internal departments and external partners.

You have complete and unrestricted administrative access to your application environment in the cloud.

Your Platform

We have a rich variety of features that enable you to save time and money.

Reduce Costs

Oracle SOA Cloud is subscription-based; you pay only when using the service. There's no large investment in hardware and in learning how to install and configure software, so you can concentrate on the design, testing, and deployment of integration solutions.

Create Test Environments

You can quickly subscribe to Oracle SOA Cloud to create application test environments in the cloud. There's no need to provision and configure your own servers. You can move workloads to the cloud, from cloud to cloud, and from cloud to on-premise environments. When your testing is done, you can release your subscription.

Monitor and Manage

You can start backups, scaling, and recoveries with minimal configuration on the Cloud Service Console page. All these tasks are handled for you by Oracle.

Save Time and Money

Accelerate with adapters

Accelerate business growth and innovation with feature-rich adapters.

Oracle SOA Cloud provides access to cloud and on-premise applications through a variety of feature-rich adapters.

For example, Oracle SOA Cloud provides support for key cloud adapters (Salesforce, RightNow, and others), on-premise adapters (SAP, E-Business Suite, and others), and on-premise adapter technologies (FTP, AQ, JMS, Coherence, LDAP, and others).

**Accelerate
with Adapters**

Managed file transfer

Use Oracle Managed File Transfer Cloud Service to **securely exchange files** between internal departments and external partners.

The secure FTP servers used for file transfer are protected by Oracle WebLogic Server security roles, users, and groups. Oracle Managed File Transfer (MFT) provides the following capabilities:

- Protects against inadvertent access to unsecured files during transfer. Files are made available only to the exact systems or personnel required to receive them

- Provides an easy-to-use, web-based designer to manage the transfer of files

- Automatically supports PGP encryption and decryption of files such as only allowing encrypted data to be entered into your systems

- Provides dashboard metrics to track file size, file volume, and elapsed time for inbound partners, transfers, and outbound endpoints

- Provides reports to obtain quick status about a file transfer and resubmit it as required

- Supports notification creation to notify users if security business requirements aren't being enforced

- Provides a scheduler to keep files in your MFT repository until needed by external systems

- Provides purge scripts for files and audit data for reports to locate critical partner file status even after the files have been deleted or archived

Managed File Transfers

Cloud-to-cloud integrations

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Using Oracle SOA Cloud, you can **create a seamless user experience for customers, employees, and partners.**

You can create cloud-to-cloud application integrations with Oracle SOA Cloud. For example, you can connect an Oracle Human Capital Management application to Oracle Taleo or third-party benefits providers. This capability will allow you to automate your HCM processes for employee onboarding and HR benefits integration with your partners.

As another example, you have an on-premise order fulfillment and shipping application that must receive the same sales event from Oracle Sales Cloud. By using the advanced routing and orchestration capabilities of Oracle SOA components in the cloud, you can model this complex integration and enable your business process to occur in real time, providing a rich customer experience.

Cloud-to-Cloud Integrations

Cloud-to-on-premise integrations

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Extend your enterprise to the cloud and deploy Oracle SOA projects where you need them.

- Integrate an Oracle Human Capital Management Cloud new employee event with one of Oracle's PeopleSoft applications. This integration enables an employee who is onboarded through Oracle Human Capital Management to get their paystub and other employee details through PeopleSoft. For this same HCM Cloud event, you can also synchronize the employee information to an onpremises finance application to ensure that employee reimbursements are set up correctly for expense reporting.

- Connect to on-premise applications using the VPN capabilities available on the Oracle Compute Cloud Service in conjunction with Oracle SOA Cloud.

- Connect to on-premise applications through Oracle Messaging Cloud Service for asynchronous messaging, with web services to an on-premise Oracle Service Bus or Oracle SOA infrastructure through a web proxy in the DMZ, or through SSH tunneling.

Cloud to On-Premise Integration

It is easy to design, test, and deploy

There's no steep learning curve with Oracle SOA Cloud. You design your application as you always have with onpremises Oracle JDeveloper.

At some point in the development phase, you'll need to test your application. Creating an on-premises test environment can be challenging due to hardware requirements and complex environment configurations. As an alternative, you can quickly create development and test environments in the cloud. You can transparently move test workloads to the cloud, from cloud to cloud, and from the cloud back to on-premises environments.

You create an application archive in on-premise Oracle JDeveloper, and then deploy the archive transparently to the cloud with your choice of tool: Oracle Enterprise Manager, Oracle Fusion Middleware Control, WLST command, or Ant script.

Design, Test, Deploy

Analyze metrics and monitor

Grow your business more efficiently
by leveraging our latest integration analytics technology.

Oracle SOA Cloud provides business analytics with a new "integration analytics" service type. This service type includes:

- **Oracle Business Activity Monitoring** allows you to create dashboards without any programming. These dashboards enable you to continually monitor business metrics without even needing to refresh the browser. Unlike traditional reporting systems, Oracle BAM offers real-time operational intelligence for mission-critical business processes.

Oracle SOA Cloud provides **easy administrative access.**
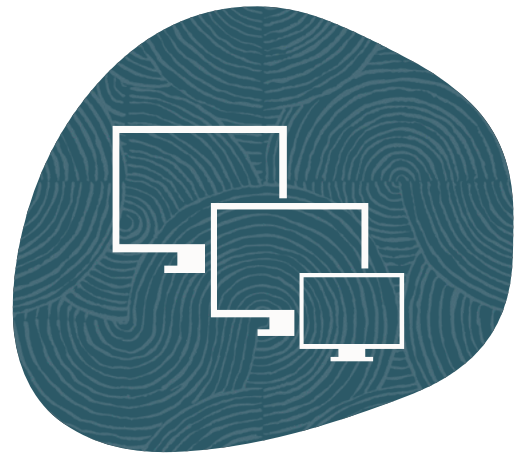
Hosted Instance Administration

When you need to scale up or down or perform backup and recovery of data on your service instance, Oracle performs these tasks for you with minimal configuration on the Cloud Service Console page.

Application Administration

You can manage your cloud application with the same browser-based tools that you've always used: Oracle Enterprise Manager Fusion Middleware Control, Oracle WebLogic Server Administration Console, Oracle Enterprise Scheduler, Oracle SOA Composer, and Oracle Service Bus Console. Each tool works the same as it does in an on-premise environment.

Virtual Machine Access

You have virtual machine root access to your hosted instances in the cloud for running scripts or performing other administrative tasks from the command line. For example, you can run WLST commands, Ant scripts, or other command-line programs.

Virtual Private Network

Set up VPN access to Oracle SOA Cloud instances by installing Corente Service Gateway (an Oracle-provided IPsec solution) in both your data center and in Oracle Cloud.

Administer with Ease

Benefit from **full integration.**

- **Oracle Database Cloud Service—**Oracle SOA Cloud requires that you first subscribe to Oracle Database Cloud Service. You run a provisioning wizard to select an Oracle database instance and node cluster environment. The database is securely hosted in the cloud.

- **Oracle Messaging Cloud Service—**Provides a messaging system for applications to communicate reliably with each other, letting you share information across multiple applications through asynchronous queuing of messages.

- **Oracle Integration Cloud Service—**Enables you to get the benefit of our newest iPaaS tool completely designed for cloud integration with an easy-to-use web-based UI experience. When you use it in conjunction with Oracle SOA Cloud, you have the most complete iPaaS in the world!

- **Oracle Java Cloud Service—**Provides a standards-based cloud environment built around Oracle WebLogic Server 12c.

- **Oracle Developer Cloud Service—**Enables you to manage the development life cycle effectively through integration with Hudson, a Git source code repository, Maven, tasks, and wikis.

- **Oracle Storage Cloud Service—**Your Oracle SOA Cloud backups are stored in Oracle Storage Cloud Service as a built-in function.

Integrate Services

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Learn More

- View data sheets, FAQs, pricing, and additional resources on the **Oracle SOA Cloud** product page.

- Purchase a subscription and get started by visiting the **Oracle Help Center**.

Connect With Us

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Visit our Oracle Cloud community.

- **Oracle Events**
- **Oracle Integration Blog**

Get Started