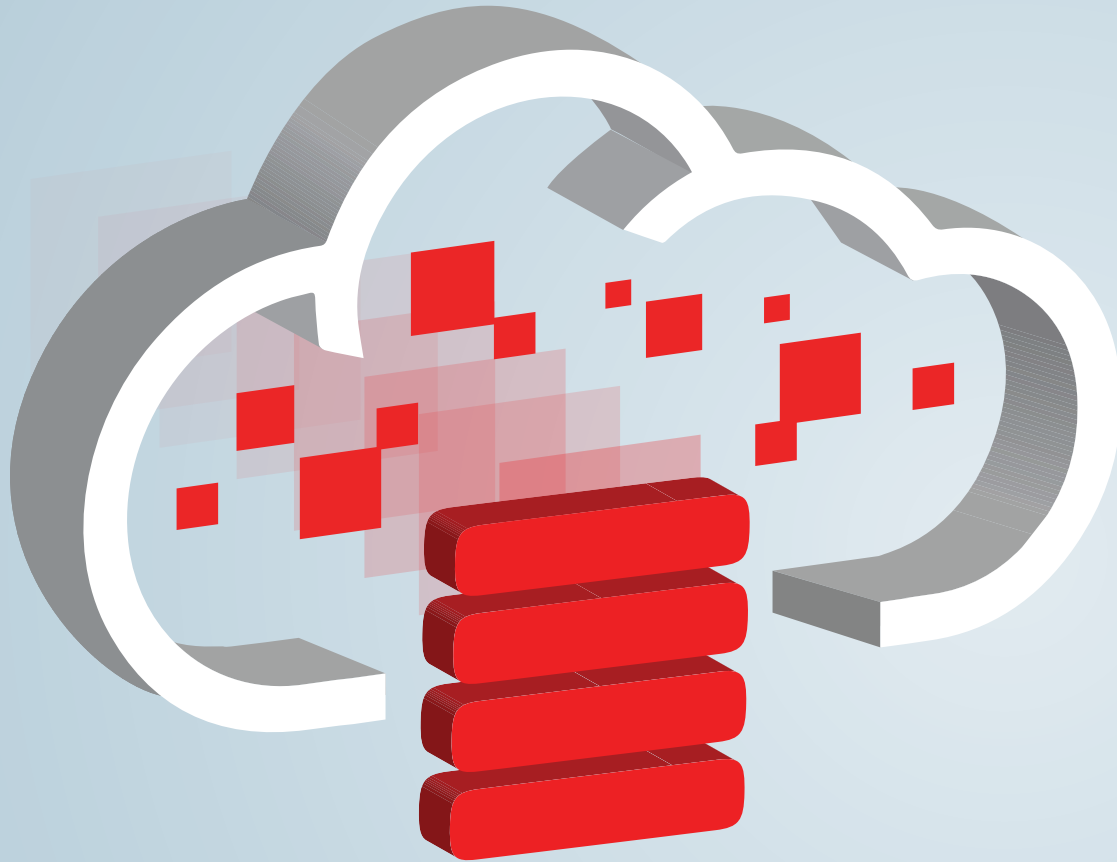


ORACLE®

**Database Cloud Service
(Database as a Service)**



Your Oracle Database in the Cloud



What Is It?

Why Database in the Cloud?

Database Choices & Options

Database Security

Administer, Manage, Monitor

Familiar Oracle Tools

Get Started

What Is It?

Oracle Database Cloud Service (Database as a Service) gives you a **complete Oracle database instance** in a virtual machine (VM). It's the same familiar Oracle database—now in a cloud.

You have full access to the features and operations that are available with Oracle Database, but Oracle hosts the VM and cloud storage. And you can perform some database maintenance and management operations with the easy-to-use cloud portal or command-line interface.

What You Get with the Oracle Approach

- You can perform all database management and development operations—without purchasing and maintaining hardware, without knowing backup and recovery commands, and without having to perform such complex tasks as database software upgrades and patching.
- Unlike some competitors' cloud infrastructure products, Oracle Database Cloud Service gives you full administrative control of the service (root OS and SYS database access).
- You get full interoperability with your on-premises Oracle databases.
- For operations that you want to automate, Oracle Database Cloud Service lets you script and automate complex problems that Oracle is trusted to implement under the covers.
- You get the familiarity and continuity of your on-premises Oracle database experience—without hosting and installing your database (unless you want to).
- You can use your familiar Oracle tools and applications to connect to the database.



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Why Database in the Cloud?

Fast

Provision a complete Oracle Database Cloud Service environment in a few minutes and get started immediately.

Flexible

Use a variety of setup options with preinstalled or preconfigured database instances. Resources are elastic—add or remove compute resources, memory, or storage when you need them.

Simple

With just a few clicks, provision an Oracle Database instance in a VM or build a complete development environment.

Subscription-Based

Choose a simple hourly or monthly Oracle Database Cloud Service subscription. Both subscriptions include all software updates and Oracle Support. Modify your subscription package with a simple interface in the Oracle Store.

Choice

Choose from database versions, database options and Enterprise Manager packs, and access methods.

Integration with Other Cloud Services

Rest assured that Oracle Database Cloud Service is tightly integrated with other Oracle Cloud Services: Java, Compute, and Storage.





Database Choices and Options

You get many choices and options with Oracle Database Cloud Service.

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CPU and Memory Options

You can choose a variety of configuration combinations (number of CPUs and gigabytes of memory).

Storage Options

You have storage capacity choices using Oracle Storage Cloud Service.

11g or 12c Database Editions

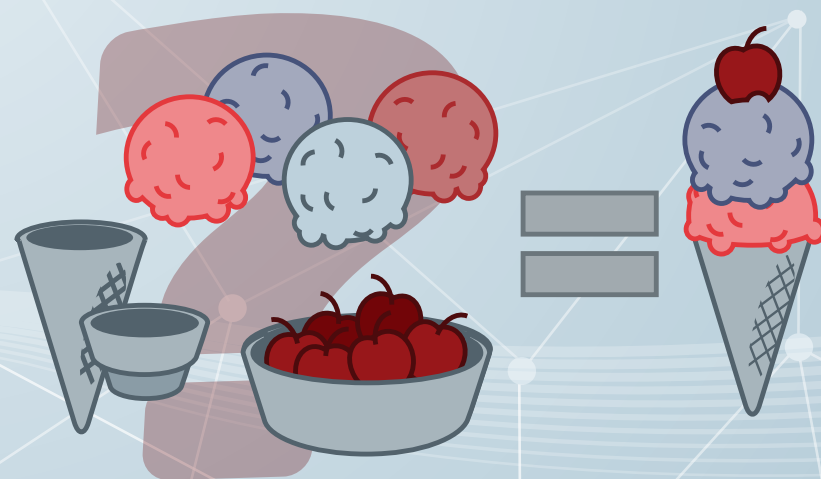
You can easily provision database instances with Oracle Database 11g or 12c. Choose Standard Edition One, Enterprise Edition (no Database Options), Enterprise Edition High Performance (includes most Database Options and Enterprise Manager packs), or Enterprise Edition Extreme Performance (includes all Database Options and Enterprise Manager packs).

Oracle Database Cloud Service (Database Schema)

If you simply need your own database **schema** and don't require the full functionality of an Oracle Database instance in a VM, Oracle Database Cloud Service (Database Schema) may be the cloud service for you.

Virtual Image Option

With Oracle Database Cloud Service (Database as a Service), you manage all maintenance operations for the software or the database. As part of the VM that you provision, the Virtual Image option includes the installation files for Oracle Database and supporting software. *You* set up the database yourself by running Database Configuration Assistant (DBCA) to your own liking.





Database Security

Oracle Database Cloud Service has rigorous security practices and procedures that are based on decades of Oracle database experience.

It's closed off and secure by default, but you have the flexibility to open network ports as needed. To access the database in your VM, you can use port opening, SSH tunneling, SQL*Net, web access, and more. And Oracle Compute Cloud Service security rules and lists give you flexible, enterprise-level security.

- **Account Security:** Identity Domains (user pools)
- **User Security:** Authentication via Oracle.com identity; access and role security
- **Database security:** Schema users for security (user access); data security
- **RESTful Web Services Security Options:** Oracle REST Data Services (formerly Oracle APEX Listener)
- **SSH Tunneling:** Generate and store private/public key pair on local PC; create database instance in a VM, using the public key stored on the cloud server.



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Administer

Because you have full OS root and SYS database access, you have full administrative control of your VM and your database via SSH, SQL Developer, Data Pump, SQL*Plus, and other tools.

Manage

Fully manage your database or have Oracle manage standard database operations, such as backup, patching, and upgrade.

Monitor

Many tools exist to monitor an Oracle Database instance, including database options directly accessible from Enterprise Manager Database Express 12c and Enterprise Manager 11g Database Control.

In addition to all the standard database-monitoring tools, Oracle Database Cloud Service includes a monitoring application that resides on a Database Cloud Service instance's VM. This monitor provides a wide spectrum of information about VM resource usage and Oracle Database status.

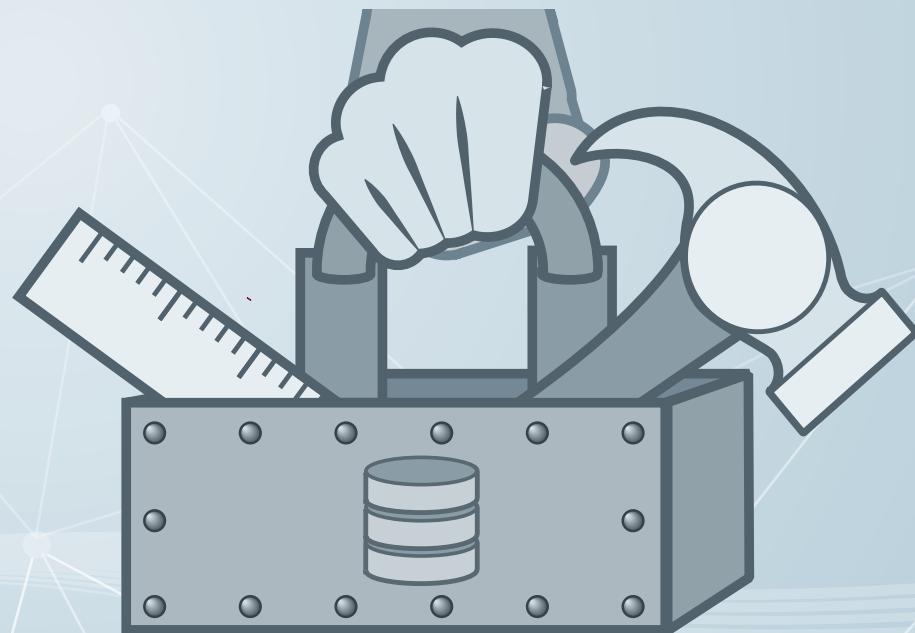




Familiar Oracle Tools

For database development, Oracle Database Cloud Service lets you use your familiar Oracle Database on-premises tools, such as Data Pump and SQL Loader. For example, you can:

- Create SQL Developer connections to the database.
- Use the SQL Developer graphical interface and SQL Worksheet to execute database development operations.
- Use a terminal emulator to execute command-line operations on the database via SSH.
- Use any type of network connectivity, including SQL*Net, JDBC, and other drivers, to access your dedicated instances.
- Transport data:
 - Move data from on-premises databases to cloud databases
 - Move applications
 - Integrate applications
 - Create database links to other database links



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Subscribe

Buyers can create a purchase order for an Oracle Cloud service from the Oracle Cloud website (cloud.oracle.com) or the Oracle Store (shop.oracle.com) using their Oracle.com account.

Also, an Oracle sales representative can create a purchase order.

For information about subscribing, see [Trial and Paid Subscriptions for Oracle Cloud Services](#) and visit the Oracle Cloud website at cloud.oracle.com.

Watch Videos

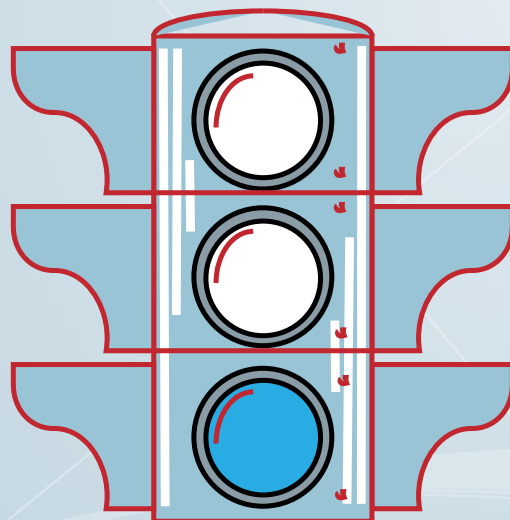
- [Creating a Database Cloud Instance](#)
- [Connecting to a Database Instance in the Oracle Database Cloud Service](#)

Attend Oracle Cloud Events

See events.oracle.com and blogs.oracle.com/cloud for information about Oracle Cloud events.

Join the Community

- Oracle Cloud Community: cloud.oracle.com
- Learn more at cloud.oracle.com/database



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Safe Harbor

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