



Your Oracle
Database in
the Cloud

Database cloud services for all workloads.

Enterprise-proven database cloud services that support any size workload, from dev/test to large-scale production deployment, and deployed on virtual or bare metal servers.



Oracle Database Exadata Express Cloud Service

Provides the latest release of Oracle Database Enterprise Edition on Exadata, for a full Oracle experience. It's a fully managed service packed with features for modern application development on small and medium-sized databases.



Oracle Database Cloud Service

Offers elastic database services for application development, test, and production deployment. The service delivers an easy-to-use web console user interface and RESTful APIs to provision and administer Oracle Database Cloud Service.



Oracle Database Exadata Cloud Service

Brings the full power of Exadata to the Oracle cloud. The service includes all benefits of Exadata performance. To ensure a smooth transition to the cloud, it is 100% compatible with existing business-critical applications and on-premises databases.

What Is It?

What is Oracle Database Cloud Service?

It's the same familiar Oracle Database, running on a dynamic, on-demand cloud infrastructure. This database service provides automation for ease of use, enabling you to focus on your application instead of the database that supports it.

You have full access to the features and operations that are available with Oracle Database, with Oracle hosting the compute environment and cloud storage. In addition to familiar tools, the easy-to-use cloud portal and command-line interface enable you to perform database maintenance and management operations.

Here's what you get with the Oracle approach:

- You get the familiarity and continuity of your on-premises Oracle database experience—without hosting and installing your database.
- You can perform all database management and development operations without purchasing and maintaining hardware, without knowing backup and recovery commands, and with automation that makes it easier to perform such complex tasks as database software upgrades and patching.
- You can use familiar Oracle tools to enable hybrid management of on-premises and cloud databases.
- 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 a full set of test master creation and refresh features along with snap cloning to support the DevOps continuous integration and delivery model.



Database in the Cloud

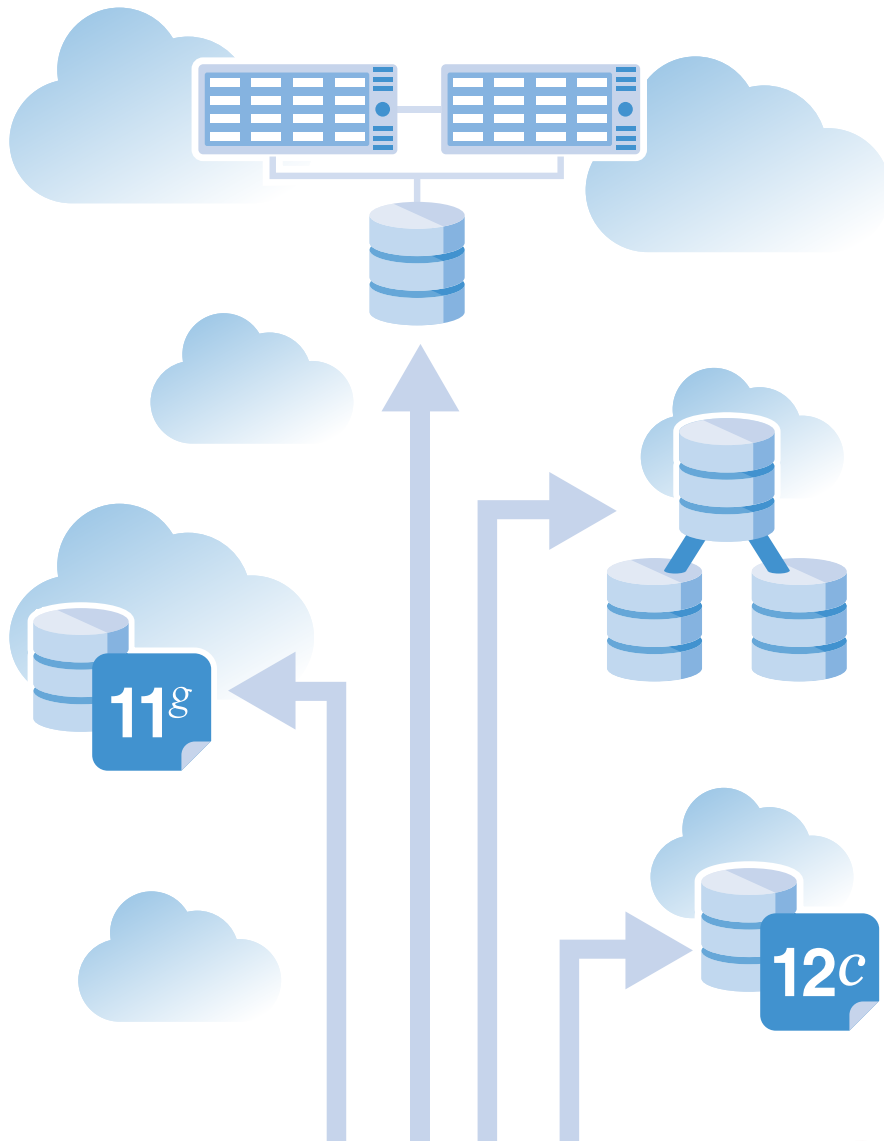
Why should you use a database in the cloud?

The cloud provides an entire ecosystem of business-empowering software services that leverage and benefit from instant access to the world's leading database-as-a-service offering.

- **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 as needed.
- **Simple:** Provision an Oracle Database instance on a compute node or bare metal, along with a complete development environment, with just a few clicks.
- **Subscription-Based:** Choose a nonmetered or metered Oracle Database Cloud Service subscription. Both subscriptions include all software updates and Oracle Support. Modify your subscription package through the simple interface in the Oracle Store.
- **Integration with Other Cloud Services:** Use integrated services, including Oracle Java Cloud Service and Oracle Big Data Cloud Service, to deliver modern applications for any workload.



Choices and Options



Database choices and options.

- **CPU and Memory Options:** A variety of CPU and memory configuration combinations
- **Storage Options:** Dynamic storage that grows from tens of gigabytes to hundreds of terabytes
- **Oracle Database 11g or 12c:** Four editions, each supporting a combination of features, options, and packs
- **Oracle Data Guard:** A comprehensive set of services that create, maintain, manage, and monitor a standby database so that your Oracle databases survive disasters and data corruptions
- **Oracle Real Application Clusters:** A clustered version of Oracle Database that enables you to use multiple database instances concurrently on different compute nodes in an Oracle Database Cloud Service deployment
- **Oracle Sharding:** A partitioned scale-out capability often needed by solutions in the Internet of Things (IoT), consumer web, and regulated industries, where controlling the data location is a requirement

Database security.

Oracle Database Cloud Service has rigorous security practices and procedures that are based on decades of Oracle database experience. It's secure by default, but you have the flexibility to open network ports as needed. You can use IPsec white-listed port controls, Secure Shell (SSH) tunneling, web access, and more. Oracle Compute Cloud Service security rules and lists provide 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); built-in data security; centralized encryption key management with Oracle Key Vault
- **Default Encryption**—Backups to cloud storage; user-created tablespaces
- **SSH Tunneling**—SSH private and public key pairs
- **RESTful Web Services Security Options**—Oracle REST Data Services



Administer and Monitor

Administer, manage, monitor.

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



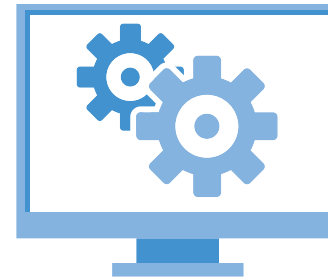
Administer

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



Manage

You can fully manage your database with simplified tools for common operations, such as backup and patching.



Management Automation

Automation is built into the management function, enabling self-management.



Monitor

There are many tools for monitoring an Oracle Database instance, including database options directly accessible from Enterprise Manager Database Express 12c and Enterprise Manager 11g Database Control.

Familiar Tools



Familiar tools and operations.

To manage your database and develop in the cloud, you can use the Oracle Database tools that you're already familiar with.

For example, use:

- Oracle Enterprise Manager Cloud Control to manage your on-premises and cloud databases, including the DevOps life cycle
- Oracle SQL Developer graphical interface and SQL Worksheet to execute database operations
- Oracle Data Pump, SQL*Loader, and Recovery Manager to migrate on-premises databases to the cloud
- Oracle Application Express to design, develop, and deploy responsive, database-driven applications in your web browser

[Get Started](#)

Learn More

- View data sheets, FAQs, pricing, and additional resources on the [Database Cloud Services](#) product page.
- Sign up for a free trial at [Oracle Cloud](#).
- Purchase a subscription and get started by visiting the [Oracle Help Center](#).

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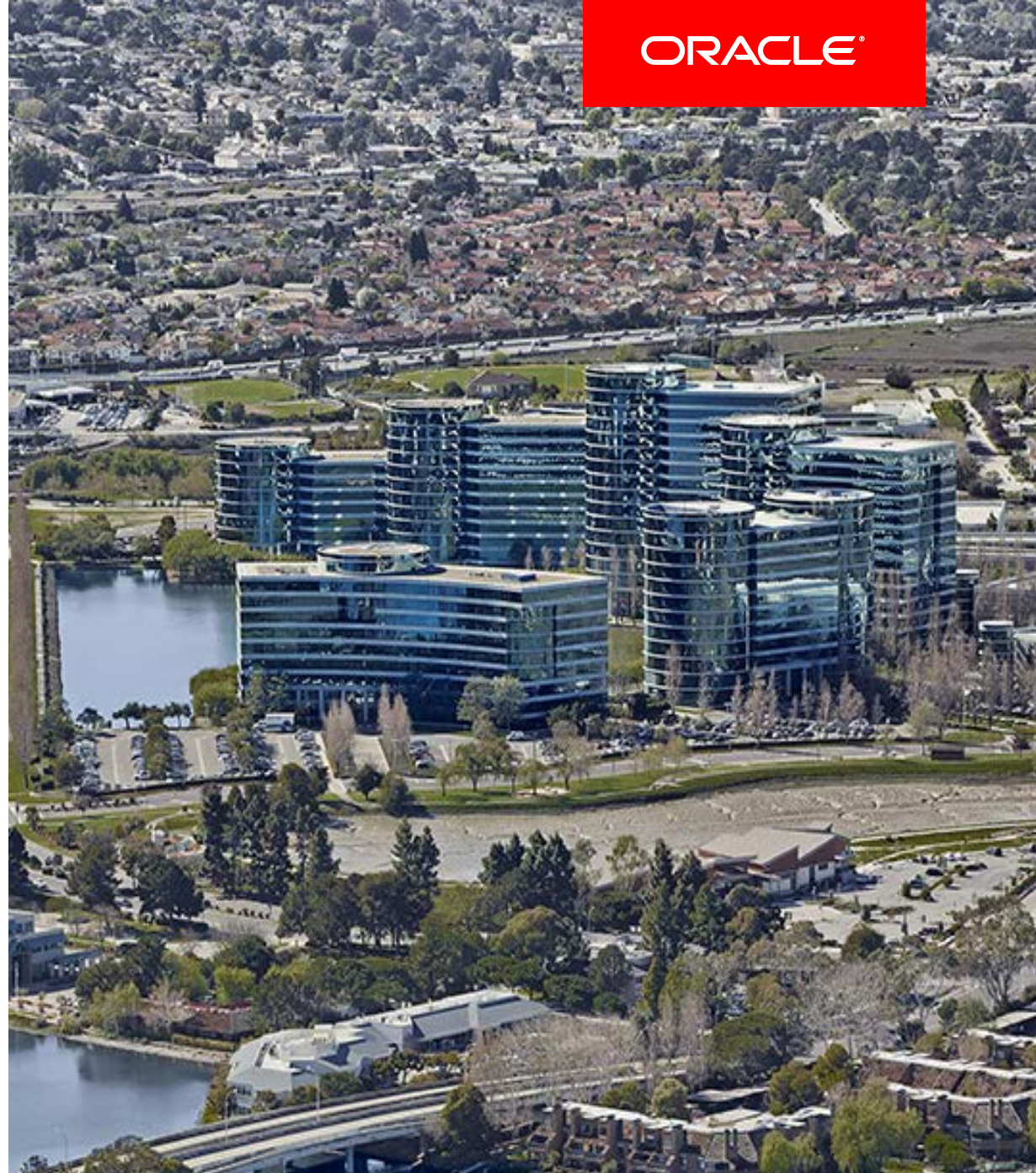
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Integrated Cloud Applications & Platform Services

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