ORACLE DATA SHEET

# Oracle Database Cloud Service

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DATABASE
CLOUD SERVICE

Oracle Database Cloud Service combines the power of the World's leading database, Oracle Database, with the unique capabilities of the Oracle Cloud. The service provides a secure, automated data management platform that leverages on demand Oracle Cloud Infrastructure services via a simple web based user interface and RESTful API. Oracle Database Cloud Service provides elastic database services for development, test, and production environments of custom and packaged online transaction processing (OLTP), data warehousing, and mixed workload applications. It enables businesses to reap all Oracle Platform as a Service (PaaS) benefits including subscription-based, self-service access to reliable, scalable, and elastic cloud environments and accelerates time to value by simplifying the provisioning and administration of Oracle databases.

**BENEFITS**

- Faster time to value for Oracle Database environments
- Built-in simplicity and automation
- Capacity-on-demand elasticity
- Cost effective bursting for peak workload times
- Automated provisioning, maintenance, and disaster recovery
- Rapid database cloning for test and development environments
- Easy Oracle Database migration with no application changes
- Integrated Oracle Database management
- Reduced administration costs
- Simplified Oracle Database option packaging

## Rapid Deployment of Oracle Database Cloud Environments

With Oracle Database Cloud Service, businesses can quickly provision fully featured, highly available Oracle database cloud environments. Built-in automation provisions Oracle databases in a choice of virtual machines or dedicated bare metal systems. Simple service packages featuring Oracle's industry leading database capabilities make it easy to align the familiar on-premise database options with the appropriate Oracle Database Cloud Service package. Even advanced options such as Oracle Real Application Clusters (RAC), In-Memory Database, and Active Data Guard are available in the cloud using simple automation with Oracle Database Cloud Service.

## Elastic Shapes for Any Oracle Database Workload

Oracle Database Cloud Service provides customers elastic shapes for any database workload. Virtual machines on shared infrastructure offer flexible compute, memory, and storage resources for a wide variety of database workloads. Bare metal infrastructure provides dedicated systems with local high performance storage for database workloads that require superior, predictable performance. Oracle Cloud is also the only vendor to offer engineered infrastructure with Oracle Database Exadata Cloud Service to provide extreme performance and scalability for the most demanding business critical systems. All infrastructure choices for Oracle Database Cloud Service provide capacity on demand that enables customers to pay as they go and quickly scale Oracle Database compute resources as business workload requirements grow. Customers can also burst from subscription to metered based pricing to cost effectively handle peak workloads. The wide variety of database shapes in Oracle Cloud provides customers the

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FEATURES

- Dedicated bare metal systems or virtual machines
- Full Oracle Database capabilities including SQL and PL/SQL support
- Support for all Oracle Database options
- Pay-as-you-go and subscription-based pricing
- Security by default
- Integrated Identity Management
- Support for packaged or custom applications
- Fully compatible with on-premise database deployments
- Single-vendor support

appropriate system resources to take advantage of the full power of Oracle Database for any type of application.

## Automated Maintenance and Disaster Recovery

Automation tools built into Oracle Database Cloud Service streamlines Oracle Database quarterly patching as well as backups and provisioning of standby database environments for disaster recovery. Quarterly patch bundles are thoroughly tested for full stack compatibility so they can be easily validated and applied. With RMAN integrated directly into Oracle Database Cloud Service, administrators can schedule backups to fast local storage, Oracle Cloud object storage or both and restore from the most recent backup, a specific backup or from a specific point in time. And, provisioning standby databases in different availability domains and geographic regions is automated when deploying associated primary databases.

## Integrated In-depth Security

Integrated, multi-layered security protects data in Oracle Database Cloud Service both at rest and in transit. Administrators can extend on premises environments to Oracle Cloud by creating software defined virtual private networks that provide complete control over the entire service network. Firewall whitelists containing trusted IP addresses secure network access to database instances. Data transmitted over the network is secured through client application connectivity to databases using native Oracle Net encryption. Data at rest is secured using tablespace encryption with Oracle Transparent Data Encryption (TDE), enabled by default to protect application data. Oracle Database Vault can be used to protect sensitive data through strong separation of roles for administrators versus application users.

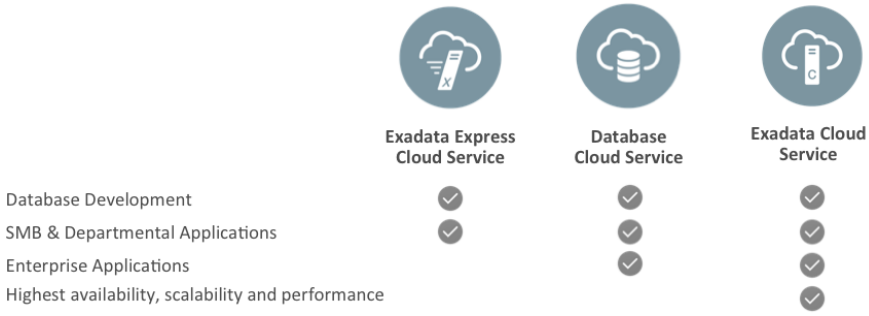
## Simplified Packaging for Oracle Database Options

Oracle Database Cloud Service comes in four simple packages that combine the database options into simple provisioning choices to meet specific application requirements. All packages include Oracle Database Transparent Data Encryption. The Standard package includes Oracle Database Standard Edition. The Enterprise package includes Oracle Database Enterprise Edition. The High Performance package extends the Enterprise package with the following options: Multitenant, Partitioning, Real Application Testing, Advanced Compression, Advanced Security, Label Security, Database Vault, OLAP, Advanced Analytics, Spatial & Graph, Diagnostics Pack, Tuning Pack, Database Lifecycle Management Pack, Data Masking and Subsetting Pack, and Cloud Management Pack for Oracle Database. The Extreme Performance package extends the High Performance package with the addition of In-Memory Database, Active Data Guard, and Real Application Clusters.

RELATED PRODUCTS

- Oracle Database Exadata Cloud Service
- Oracle Database Exadata Express Cloud Service
- Oracle Database Exadata Cloud Machine

## Best Cloud Platform for World's #1 Database




Oracle Cloud is the best cloud platform for the World's #1 database, Oracle Database. Flexible deployment choices enable customers to start with the cost and capability level suitable for their initial use case and the ability to adapt as requirements change over time. Oracle Database choices in Oracle Cloud include dedicated pluggable databases for small and departmental database workloads with Oracle Database Exadata Express Cloud Service. Oracle Database Cloud Service offers virtual machines and bare metal systems for a wide range of database workloads for enterprise applications. Oracle Cloud also offers world class dedicated engineered infrastructure for the most mission critical and performance intensive database environments with Oracle Database Exadata Cloud Service. The portfolio of choices for Oracle databases in Oracle Cloud make it easy to implement the right solution to meet your application, performance, and availability requirements.

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CONTACT US

For more information about Oracle Database Cloud Service, visit oracle.com or call +1.800.ORACLE1 to speak to an Oracle representative.

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Integrated Cloud Applications & Platform Services