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Oracle Cloud Infrastructure

Oracle Base Database Service Overview

Virtual Machine DB Systems

Eddie Ambler

SENIOR TECHNICAL PRODUCT MANAGER
ORACLE

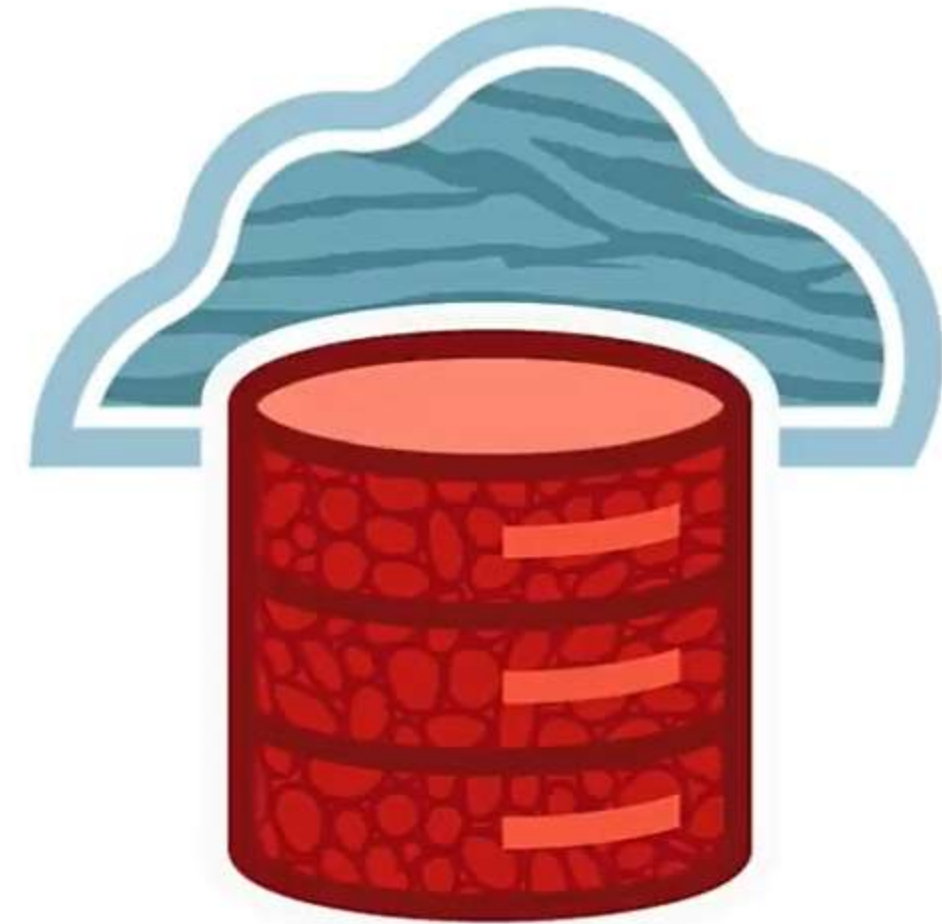
Oracle Base Database Service

Full-featured Oracle Database cloud instances

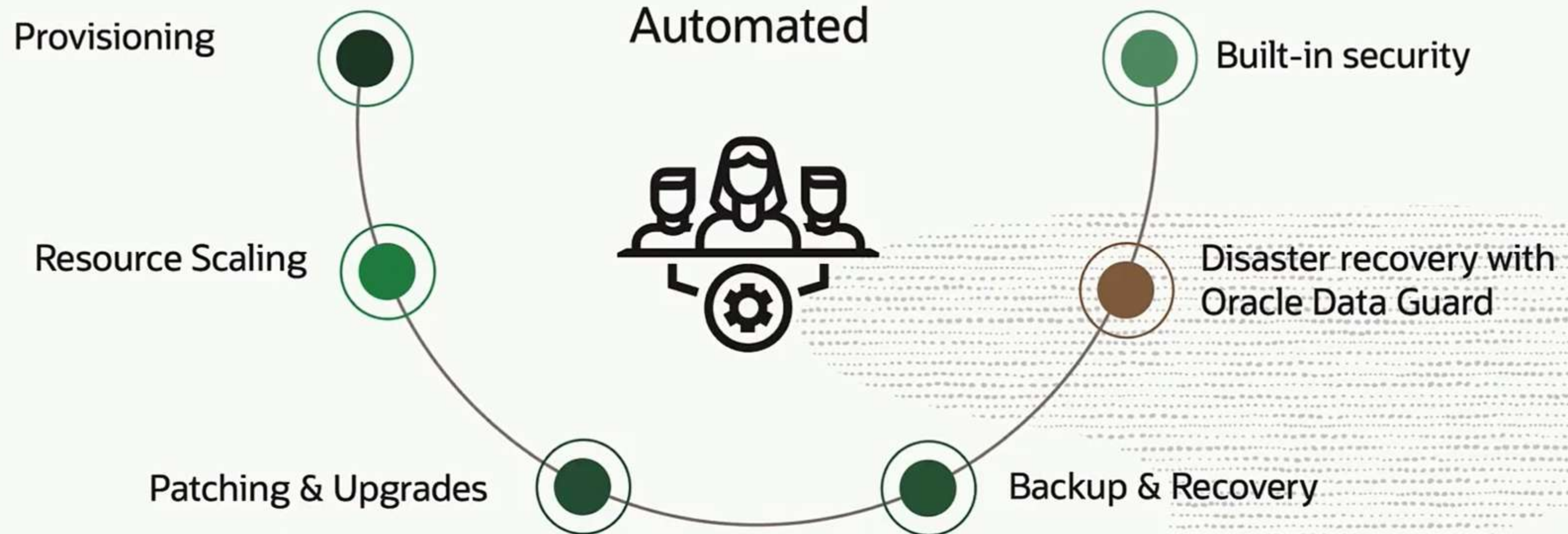
- **Available around the world** in Oracle Cloud Infrastructure Regions
- **Standard Database Service** is based on Standard Edition 2 License Option
- **Enterprise Database Service** is based on Enterprise Edition Licensing Options
- **Multilevel security model** with always on encryption
- **License Included** options or **Bring Your Own License**
- **Supports Oracle Database:** 12c, 19c, 21c, and 23ai

Efficiently run and manage database workloads

- Single-instance or 2-node RAC Virtual Machines
- Cloud automation under customer control: provisioning, patching, backup, disaster recovery



Automated database lifecycle operations under customer control



Choice of Licensing Models for Maximum Value

1. License Included

Ideal for organizations seeking to build new applications or expand functionality

Includes Oracle Database, Options and Management Packs at one low price

Pay-per-use pricing for OCPUs, all paid using Universal Credits



Oracle Database
Software + All Options

2. Bring Your Own License

Ideal for organizations moving existing workloads

Utilize **existing on-premises licenses** and Save on existing software support

Includes Transparent Data Encryption, Diagnostics Pack, Tuning Pack, Data Masking and Subsetting Pack, and Real Application Testing at no additional cost



On-Premises
Licenses



License-Included Oracle Database OCPU Consumption Options

4 licensing tiers of functionality to meet application-specific requirements

Standard Edition 2

- Transparent Data Encryption (TDE)
- Multitenant with 3 PDB
- Machine Learning
- Spatial and Graph

Enterprise Edition

- Data Guard
- Real Application Testing
- Data Masking and Subsetting Pack
- Tuning Pack and Diagnostic Packs

Enterprise Edition High Performance

- Partitioning & Multitenant
- Advanced Compression
- Advanced Security
- Life Cycle and Cloud Management Packs

Enterprise Edition Extreme Performance*

- Active Data Guard
- Real Application Clusters
- Application Continuity
- Database In-Memory

* Base Database Service with RAC & Exadata Database Service requires Enterprise Edition Extreme Performance OCPU Licensing

Virtual Machines

Shared computing resources with provisioned block storage economically run a wide variety of database workloads and business applications.



Faster time to production



Improved availability with RAC



Secure isolated environments

Virtual Machine Database System Options

Choice of Ampere, AMD, & Intel Shapes

Oracle Single Instance DB on Virtual Machine

- Up to 64 OCPUs
- Up to 1 TB Memory
- Up to 80 TB of usable block-volume storage for DATA
- Up to 40 Gbps Network bandwidth

Oracle RAC DB on Virtual Machines

- Up to 128 OCPUs
- Up to 2 TB Memory
- Up to 80 TB of usable block-volume storage
- Requires Extreme Performance Edition

Note: Memory scales with number of OCPUs.
I/O performance scales with the amount of storage.

Shapes for Virtual Machine Database Systems

Flexible Shapes	OCPU	Memory	Storage	Network	Nodes
Ampere	1-57	8 GB – 456 GB	256 GB – 80 TB	1 – 40 Gbps	1
Intel	1-32	16 GB – 512 GB	256 GB – 80 TB	1 – 32 Gbps	1-2
AMD	1-64	16 GB -1 TB	256 GB – 80 TB	1 – 40 Gbps	1-2

Standard Shapes	Type	OCPU	Memory	Network
VM.Standard2.1	Fixed	1	15 GB	1 Gbps
VM.Standard2.2	Fixed	2	30 GB	2 Gbps
VM.Standard2.4	Fixed	4	60 GB	4.1 Gbps
VM.Standard2.8	Fixed	8	120 GB	8.2 Gbps
VM.Standard2.16	Fixed	16	240 GB	16.4 Gbps
VM.Standard2.24	Fixed	24	320 GB	24.6 Gbps