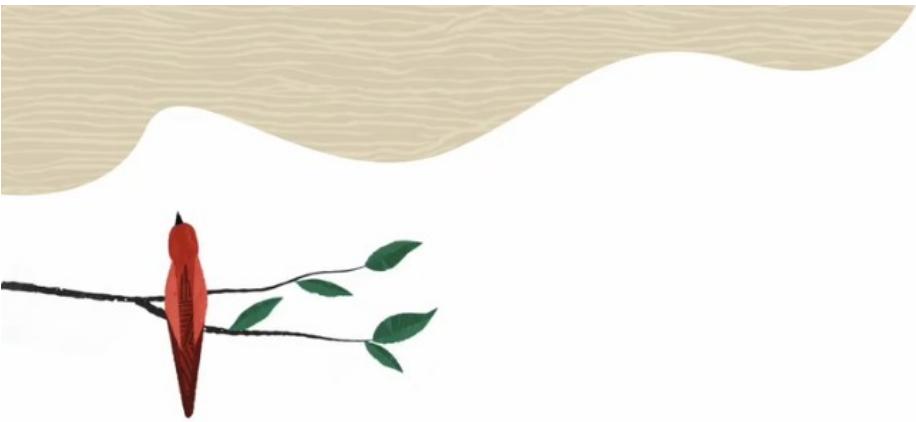


# Oracle Autonomous Database Provisioning

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ORACLE

0:07 / 8:50

1x



Private software-defined network

Fully encrypted database

Scalable RAC Cluster running on Exadata

Configures automatic processes such as backup

You choose the number of CPUs and the storage size in terabytes.



# Provisioning an Autonomous Database

The screenshot shows the Oracle Cloud dashboard with the following sections:

- Service links:** Pinned services include Instances Compute and Virtual Cloud Networks Networking. Recently visited services include Autonomous Database Autonomous Database, Announcements Account Management, Notifications License Manager, Notifications Application Integration, and Autonomous Data Warehouse Autonomous Database.
- RECOMMENDED:** Policies Identity, Buckets Object Storage & Archive Storage, Users Identity, Logging Logging, Groups Identity, and Tenancies Organization Management.
- Quickstarts:** Predict the result of the next race (25-30 mins), Deploy a WordPress website (6-8 mins), Deploy a low-code app on Autonomous Database using APEX (3-5 mins, Always Free eligible), Deploy RStudio in a container (10-12 mins), Deploy a baseline landing zone (7-9 mins), and Visualize and analyze Strava data on Autonomous Database (2-4 mins, Always Free eligible).
- Dashboard Summary:** Tenant ID: sablewroathetf!, All services operational, Usage: Analyze costs, Subscription: 7833278, \$15,000.00 Free Trial credits, \$9,116.16 used, \$5,883.84 left, 959 of 1095 days.
- Cost savings opportunities:** Estimated savings: 0, View recommendations (0).
- OCI mobile app:** Review alarms, access billing and usage data, and manage resources on the go. Install now.
- Get early access to OCI features:** Try out preview features and share your feedback.

# Provisioning an Autonomous Database

The screenshot shows the Oracle Cloud interface with the following details:

- Header:** ORACLE Cloud, Search resources, services, documentation, and Marketplace, US East (Ashburn) dropdown, and various icons.
- Left Sidebar:** Home, Compute, Storage, Networking, **Oracle Database** (selected and highlighted with a yellow box), Databases, Analytics & AI, Developer Services, Identity & Security, Observability & Management, Hybrid, Migration & Disaster Recovery, Billing & Cost Management, Governance & Administration, and Marketplace.
- Central Content:**
  - Overview:** Autonomous Database (Autonomous Data Warehouse, Autonomous JSON Database, Autonomous Transaction Processing), Autonomous Dedicated Infrastructure (Oracle Base Database (VM, BM), Exadata on Oracle Public Cloud).
  - Exadata Cloud@Customer:** External Database (Data Safe, Target Databases, Security Center), GoldenGate, Operator Access Control.
- Related services:** APEX Application Development, SQL Worksheet, Database Management, Migrations, Data Integration, Streaming, MySQL, Oracle NoSQL Database.
- Help:** Autonomous Databases, Bare Metal and VM DB Systems, Exadata Cloud@Customer, All Oracle Database Documentation.

At the bottom, there are tabs for APPLICATION DEVELOPMENT, DATABASE, and other system status indicators like CPU, RAM, and Disk usage.

# Provisioning an Autonomous Database

≡ ORACLE Cloud Search resources, services, documentation, and Marketplace US East (Ashburn) ▾

Overview > Autonomous Database > Autonomous Databases

Autonomous Database

Autonomous Database

Dedicated Infrastructure

Autonomous Container Database

Autonomous Exadata VM Cluster

Exadata Infrastructure

List scope

Compartment: sablewroathel (root)

Filters

Workload type: All

State: Any state

**Autonomous Databases in sablewroathel (root) Compartment**

Autonomous Database delivers fast performance and requires no database administration. It performs all routine database maintenance tasks while the system is running, without human intervention. Autonomous Databases located in the Oracle cloud can run on dedicated or shared infrastructure. [Learn more](#).

**Create Autonomous Database**

Display Name	State	Dedicated	Compute	Storage	Workload type	Autonomous Data Guard	Created

No items

Click this button to provision a new Autonomous Database.

Displaying 0 Autonomous Databases < 1 of 1 >



A red arrow points from the 'Compartment' dropdown menu to a callout bubble that says: "Select a compartment to assign the Database Resource." Another red arrow points from the 'Workload type' dropdown menu to a callout bubble that says: "You can view all Autonomous Databases in the compartment or filter by Data Warehouse/Transaction Processing." A third red arrow points from the 'State' dropdown menu to a callout bubble that says: "You can also filter the displayed databases by their state."

# Provisioning an Autonomous Database

# Create Autonomous Database

# Provisioning an Autonomous Database

Choose a workload type

**Data Warehouse**  
Built for decision support and data warehouse workloads. Fast queries over large volumes of data.

**Transaction Processing**  
Built for transactional workloads. High concurrency for short-running queries and transactions.

**JSON**  
Built for JSON-centric application development. Developer-friendly document APIs and native JSON storage.

**APEX**  
Built for Oracle APEX application development. Creation and deployment of low-code applications, with database included.

Choose a deployment type

**Serverless**  
Run Autonomous Database on serverless architecture.

**Dedicated infrastructure**  
Run Autonomous Database on Dedicated Exadata Infrastructure.

Configure the database

**Always Free** ⓘ  Show only Always Free configuration options

Choose database version  
19c

ECPUs ( ⓘ )  
2  
Select an ECPUs count. ECPUs counts are multiples of 2.

Storage (TB)  
1  
The amount of storage to allocate. Max storage allowed is 384 TB.

Compute auto scaling  
Allows system to expand up to three times the specified ECPUs count as demand increases. [Learn more](#) about auto scaling.

Storage auto scaling  
Allows system to expand up to three times the reserved storage.

[Show advanced options](#)

1x

# Provisioning an Autonomous Database



Backup retention

Automatic backup retention period in days

60 1 60

ⓘ Automatic backups are managed by Oracle. Backup storage is billed separately and in addition to database storage. When a backup ages beyond the backup retention setting, it is deleted. [Learn more.](#)

Create administrator credentials ⓘ

Username *Read-only*  
ADMIN  
ADMIN username cannot be edited.

Password  
.....

Confirm password  
.....

Choose network access

Access type

Secure access from everywhere  
Allow users with database credentials to access the database from the internet. ✓

Secure access from allowed IPs and VCNs only  
Restrict access to specified IP addresses and VCNs.

Private endpoint access only  
Restrict access to a private endpoint within an OCI VCN.

Require mutual TLS (mTLS) authentication ⓘ  
If you select this option, mTLS will be required to authenticate connections to your Autonomous Database.



# Provisioning an Autonomous Database

Choose network access

Access type

- Secure access from everywhere
- Secure access from allowed IPs and VCNs only
- Private endpoint access only

IP notation type

IP address

Values

Example: 192.1.1.1,192.1.1.2

Required

Add my IP address   Add access control rule

**!** When you update a remote peer with separate access control rules, it will no longer follow the access control rule updates from the primary database.

Create Autonomous Database   Save as stack   Cancel

