

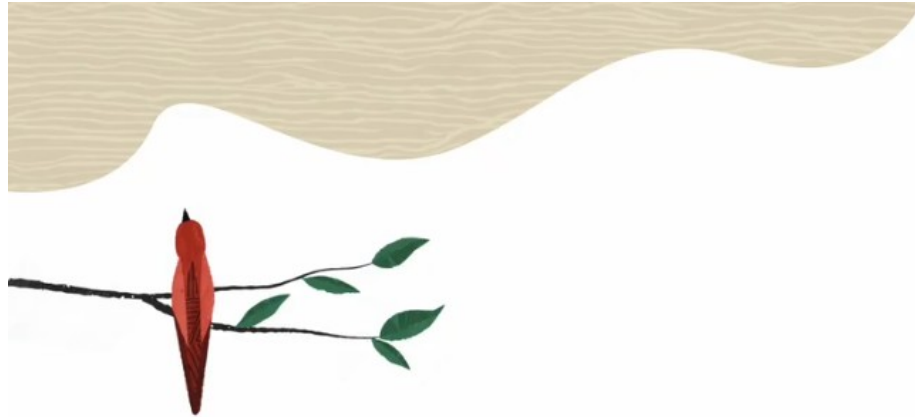


Oracle Autonomous Database

Provisioning

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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 displays the Oracle Cloud console dashboard. At the top, the header includes the Oracle Cloud logo, a search bar, and the region 'US East (Ashburn)'. Below the header, the 'Get started' and 'Dashboard' tabs are visible. The main content area is divided into several sections:

- Service links:** A section with three columns: 'PINNED' (listing 'Instances Compute' and 'Virtual Cloud Networks Networking'), 'RECENTLY VISITED' (listing 'Autonomous Database', 'Account Management', 'License Manager', 'Application Integration', and 'Autonomous Data Warehouse'), and 'RECOMMENDED' (listing 'Policies Identity', 'Buckets Object Storage & Archive Storage', 'Users Identity', 'Logging Logging', 'Groups Identity', and 'Tenancies Organization Management').
- Quickstarts:** A section with a 'View my deployments' button and six featured quickstart cards:
 - FEATURED:** 'Predict the result of the next race' (25-30 mins), featuring Oracle Red Bull Racing and Cloud Partner logos.
 - APPLICATION DEVELOPMENT:** 'Deploy a WordPress website' (6-8 mins), featuring the WordPress logo.
 - APPLICATION DEVELOPMENT:** 'Deploy a low-code app on Autonomous Database using APEX' (3-5 mins), featuring the APEX logo and an 'Always Free eligible' badge.
 - APPLICATION DEVELOPMENT:** 'Deploy RStudio in a container' (10-12 mins), featuring the Cloud logo.
 - APPLICATION DEVELOPMENT:** 'Deploy a baseline landing zone' (7-9 mins), featuring the Cloud logo.
 - DATABASE:** 'Visualize and analyze Strava data on Autonomous Database' (2-4 mins), featuring the Strava logo and an 'Always Free eligible' badge.
- Usage and Health:** A sidebar on the right showing 'Your tenancy sablewroathefl', a green checkmark indicating 'All services operational', and usage metrics for a subscription (7833278) showing \$9,116.16 used out of \$15,000.00 free trial credits, with 959 of 1095 days remaining.
- Cost savings opportunities:** A section showing 'Estimated savings: 0' and a link to 'View recommendations (0)'.
- OCI mobile app:** A section with a link to 'Install now' and a description: 'Review alarms, access billing and usage data, and manage resources on the go.'
- Get early access to OCI feature:** A section with a link to 'Get early access to OCI feature' and a description: 'To get upcoming features and share your feedback.'

Provisioning an Autonomous Database

The screenshot displays the Oracle Cloud console interface. At the top, the header bar includes the Oracle Cloud logo, a search bar, and the region 'US East (Ashburn)'. The left sidebar contains a navigation menu with 'Oracle Database' highlighted. The main content area is titled 'Oracle Database' and is divided into three columns. The first column, 'Overview', lists 'Autonomous Database' (with sub-items: Autonomous Data Warehouse, Autonomous JSON Database, Autonomous Transaction Processing), 'Autonomous Dedicated Infrastructure', 'Oracle Base Database (VM, BM)', and 'Exadata on Oracle Public Cloud'. The second column lists 'Exadata Cloud@Customer', 'External Database', 'Data Safe', 'GoldenGate', and 'Operator Access Control'. The third column, 'Related services', lists 'APEX Application Development', 'SQL Worksheet', 'Database Management', 'Migrations', 'Data Integration', 'Streaming', 'MySQL', 'Oracle NoSQL Database', and 'Help' (with sub-items: Autonomous Databases, Bare Metal and VM DB Systems, Exadata Cloud@Customer, All Oracle Database Documentation). At the bottom, a navigation bar shows 'APPLICATION DEVELOPMENT' and 'DATABASE' tabs, with an 'Install now' button next to the 'DATABASE' tab. A video player interface is visible at the very bottom of the image.

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

Search

Home
Compute
Storage
Networking
Oracle Database
Databases
Analytics & AI
Developer Services
Identity & Security
Observability & Management
Hybrid
Migration & Disaster Recovery
Billing & Cost Management
Governance & Administration
Marketplace

Oracle Database

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**
 - Overview
 - 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

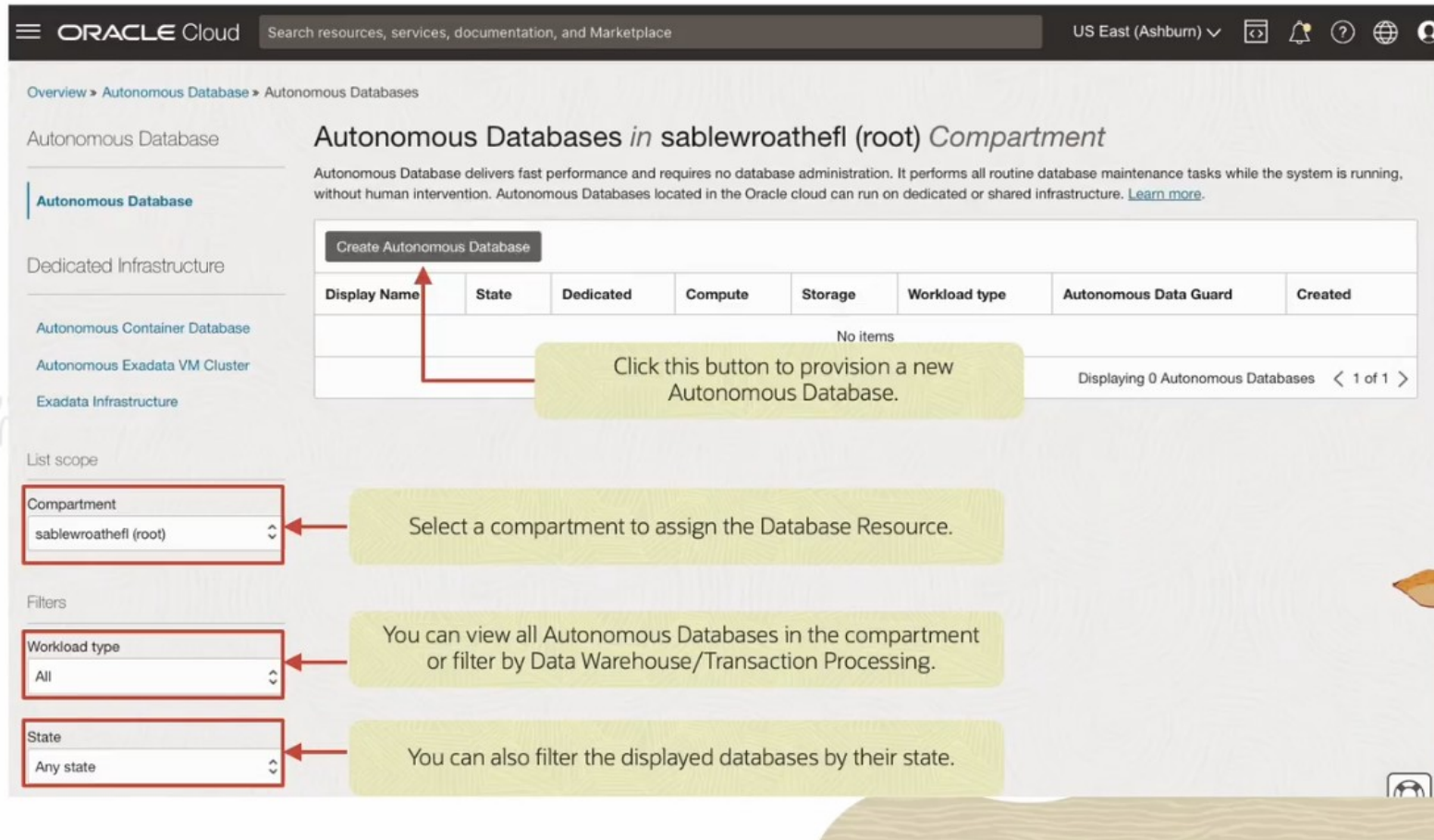
Help

- Autonomous Databases
- Bare Metal and VM DB Systems
- Exadata Cloud@Customer
- All Oracle Database Documentation

APPLICATION DEVELOPMENT APPLICATION DEVELOPMENT DATABASE Install now

2:10 8:50 1x HD

Provisioning an Autonomous Database



The screenshot shows the Oracle Cloud console interface for provisioning an Autonomous Database. The main heading is "Autonomous Databases in sablewroathefl (root) Compartment". Below this, a table lists the databases, but it is empty. A callout box points to the "Create Autonomous Database" button, stating: "Click this button to provision a new Autonomous Database." On the left sidebar, under "List scope", the "Compartment" dropdown is set to "sablewroathefl (root)". A callout box points to this dropdown, stating: "Select a compartment to assign the Database Resource." Below the compartment dropdown, under "Filters", the "Workload type" dropdown is set to "All" and the "State" dropdown is set to "Any state". Callout boxes point to these filters, stating: "You can view all Autonomous Databases in the compartment or filter by Data Warehouse/Transaction Processing." and "You can also filter the displayed databases by their state." The bottom right of the image features a cartoon illustration of a person standing next to a signpost, with a dog nearby.

ORACLE Cloud Search resources, services, documentation, and Marketplace US East (Ashburn) [Icons]

Overview > Autonomous Database > Autonomous Databases

Autonomous Database

Autonomous Database

Dedicated Infrastructure

Autonomous Container Database

Autonomous Exadata VM Cluster

Exadata Infrastructure

List scope

Compartment

sablewroathefl (root)

Filters

Workload type

All

State

Any state

Create Autonomous Database

Autonomous Databases in sablewroathefl (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.](#)

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 >

Select a compartment to assign the Database Resource.

You can view all Autonomous Databases in the compartment or filter by Data Warehouse/Transaction Processing.

You can also filter the displayed databases by their state.

Provisioning an Autonomous Database

Create Autonomous Database

Provide basic information for the Autonomous Database

Compartment

Workshops

adwc4pm (root)/Workshops

Display name

Financials

A user-friendly name to help you easily identify the resource.

Database name

findb

The name must contain only letters and numbers, starting with a letter. Maximum of 30 characters.



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

ECPU count ⓘ
2
Select an ECPU count. ECPU counts are multiples of 2.

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

[Show advanced options](#)

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


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



Provisioning an Autonomous Database

Backup retention

Automatic backup retention period in days

1  60

i 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 ⁱ

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

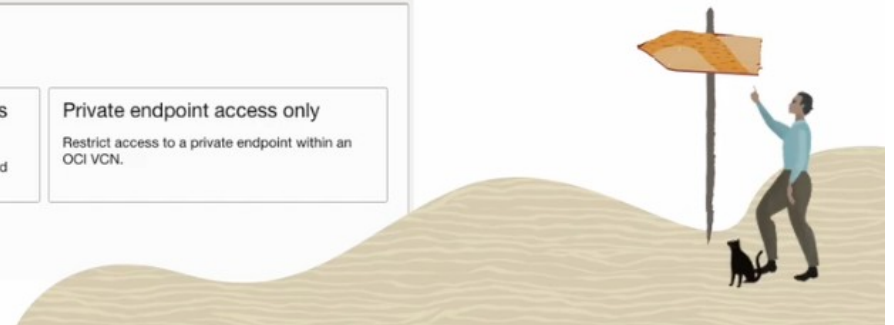
Restrict access to specified IP addresses and VCNs.

Private endpoint access only

Restrict access to a private endpoint within an OCI VCN.

☒ **Require mutual TLS (mTLS) authentication** ⁱ

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

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.

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



