ORACLE
University

Oracle Autonomous Database

Provisioning

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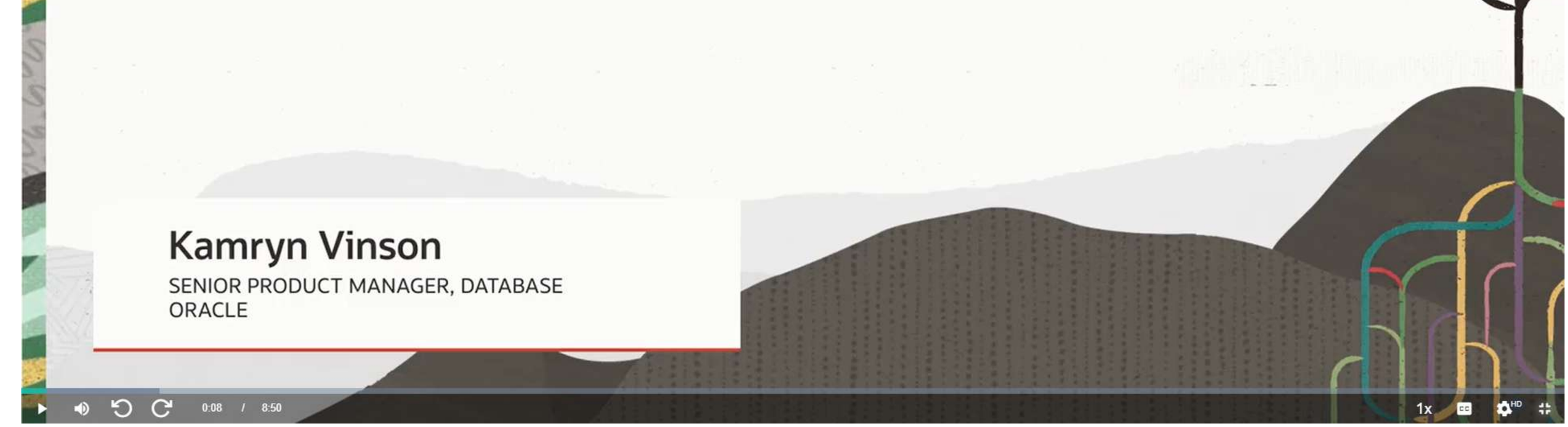
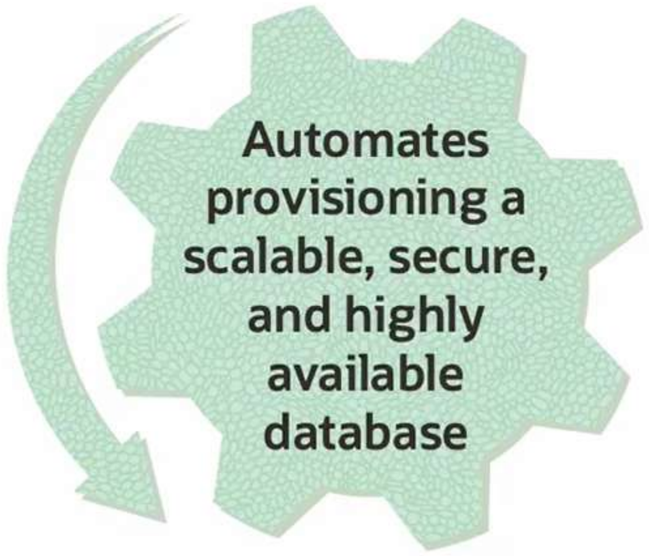


Objectives

Provisioning an Autonomous Database Serverless Service



Private software-defined network

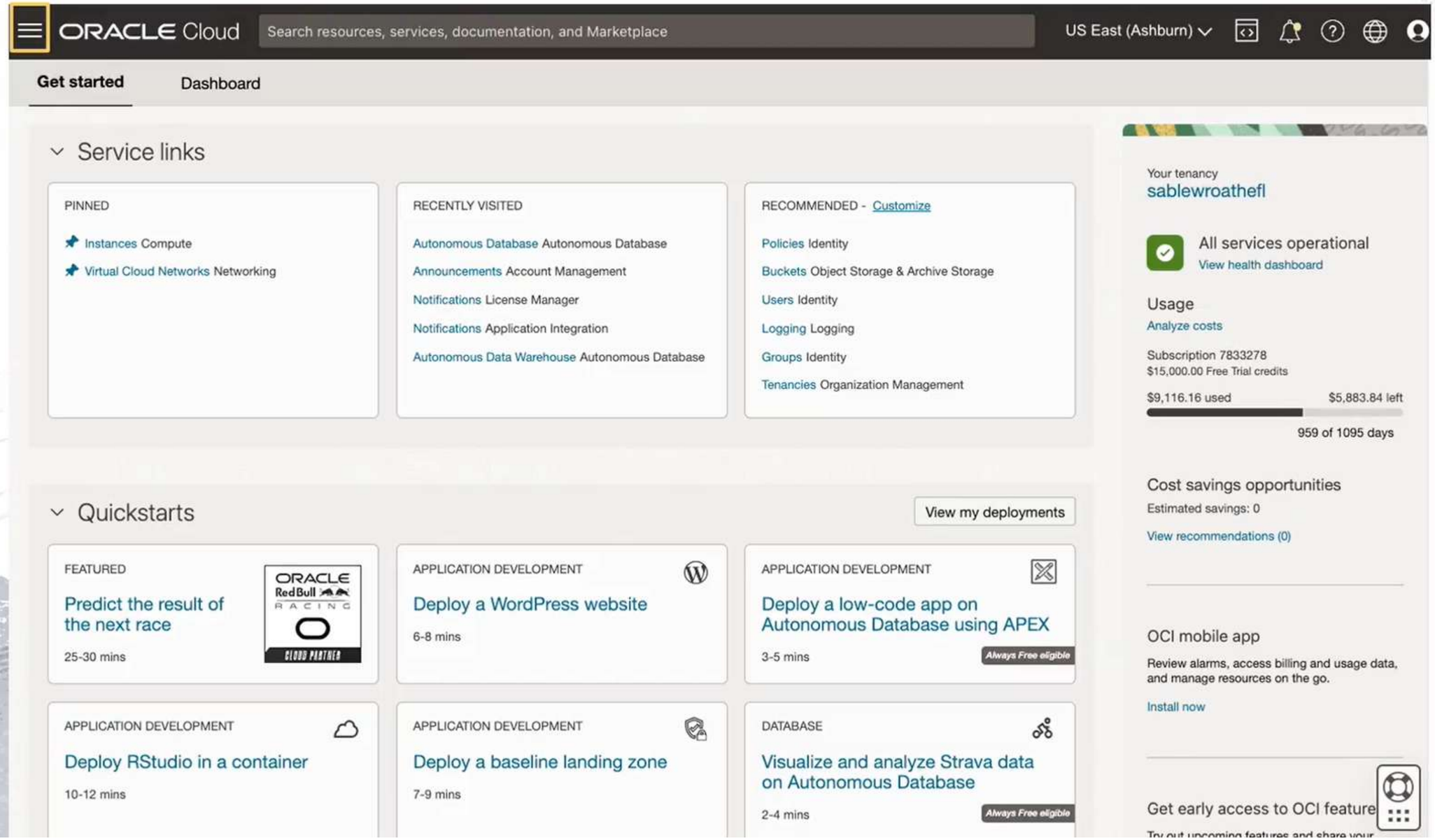
Fully encrypted database

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



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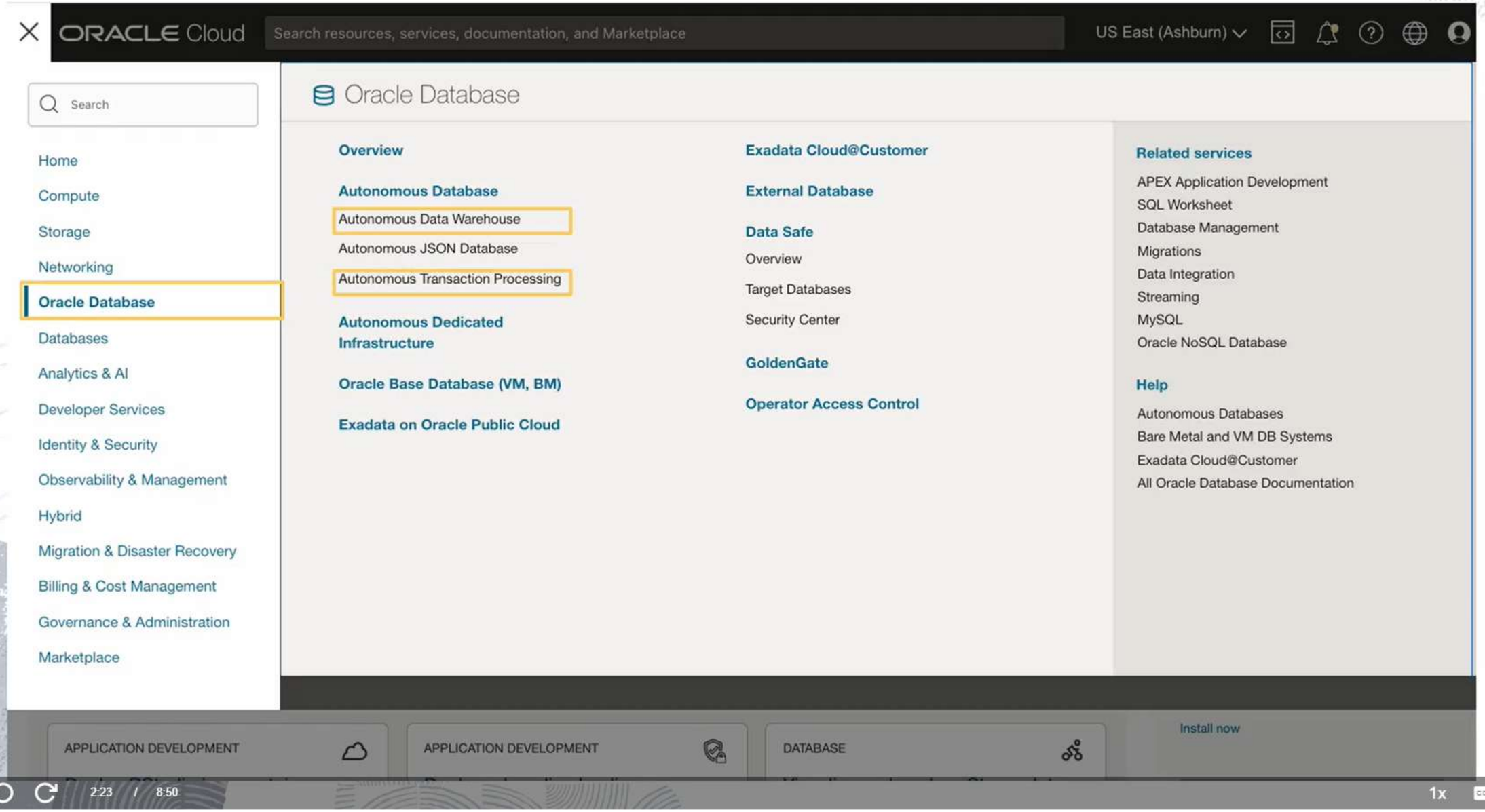

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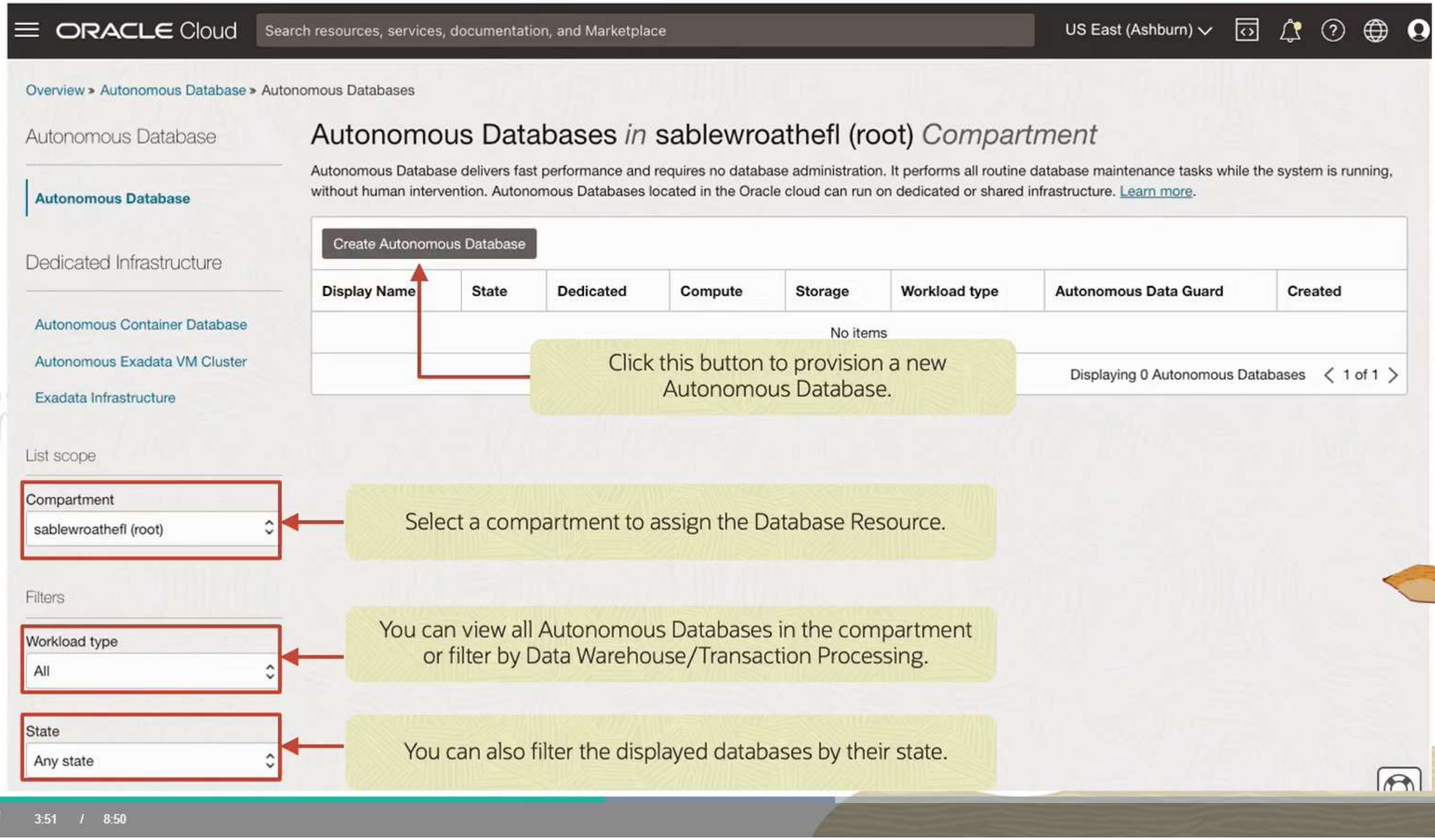
Provisioning an Autonomous Database



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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.

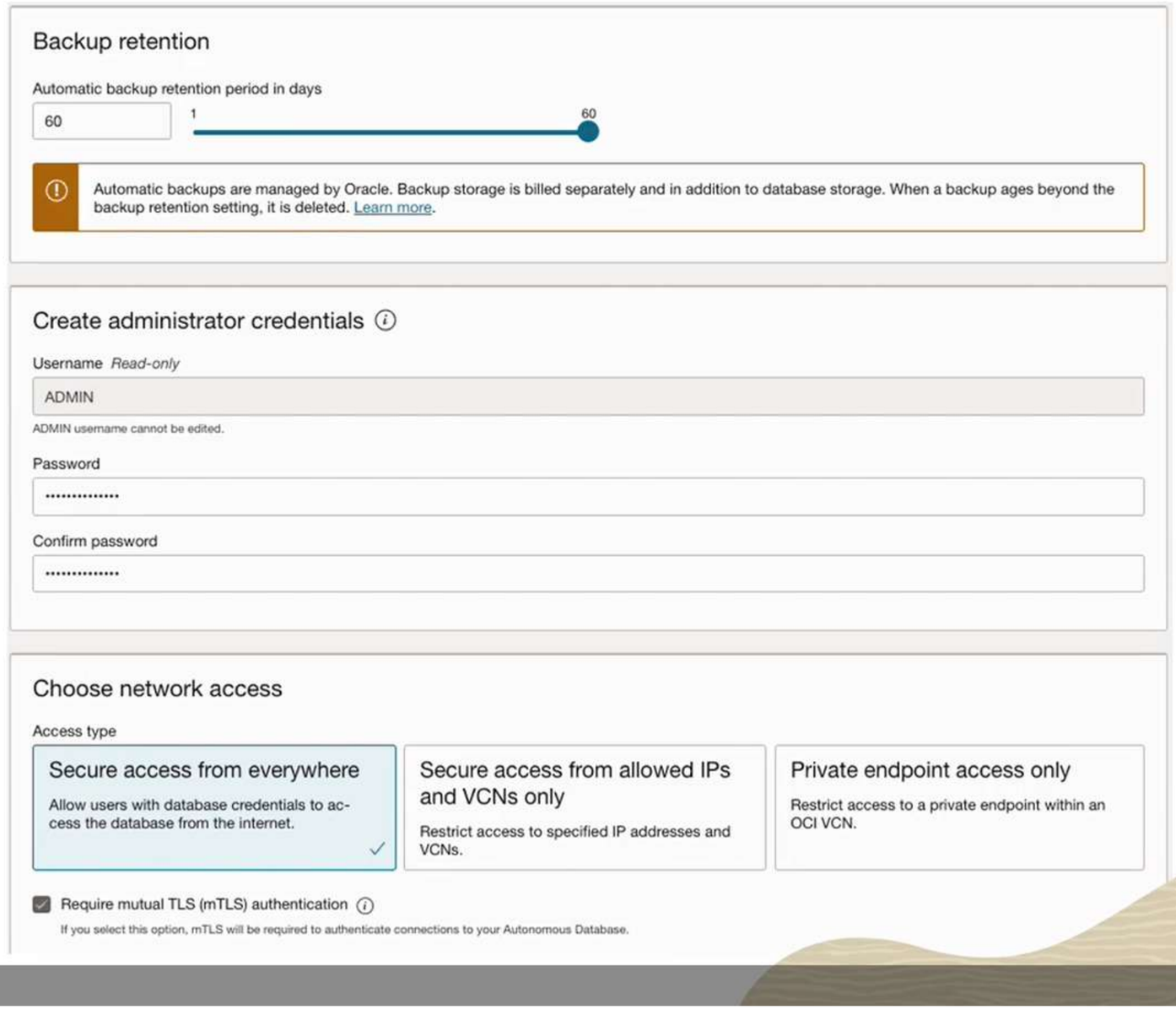
Storage (TB)
1
The amount of storage to allocate. Max storage allowed is 384 TB.

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



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

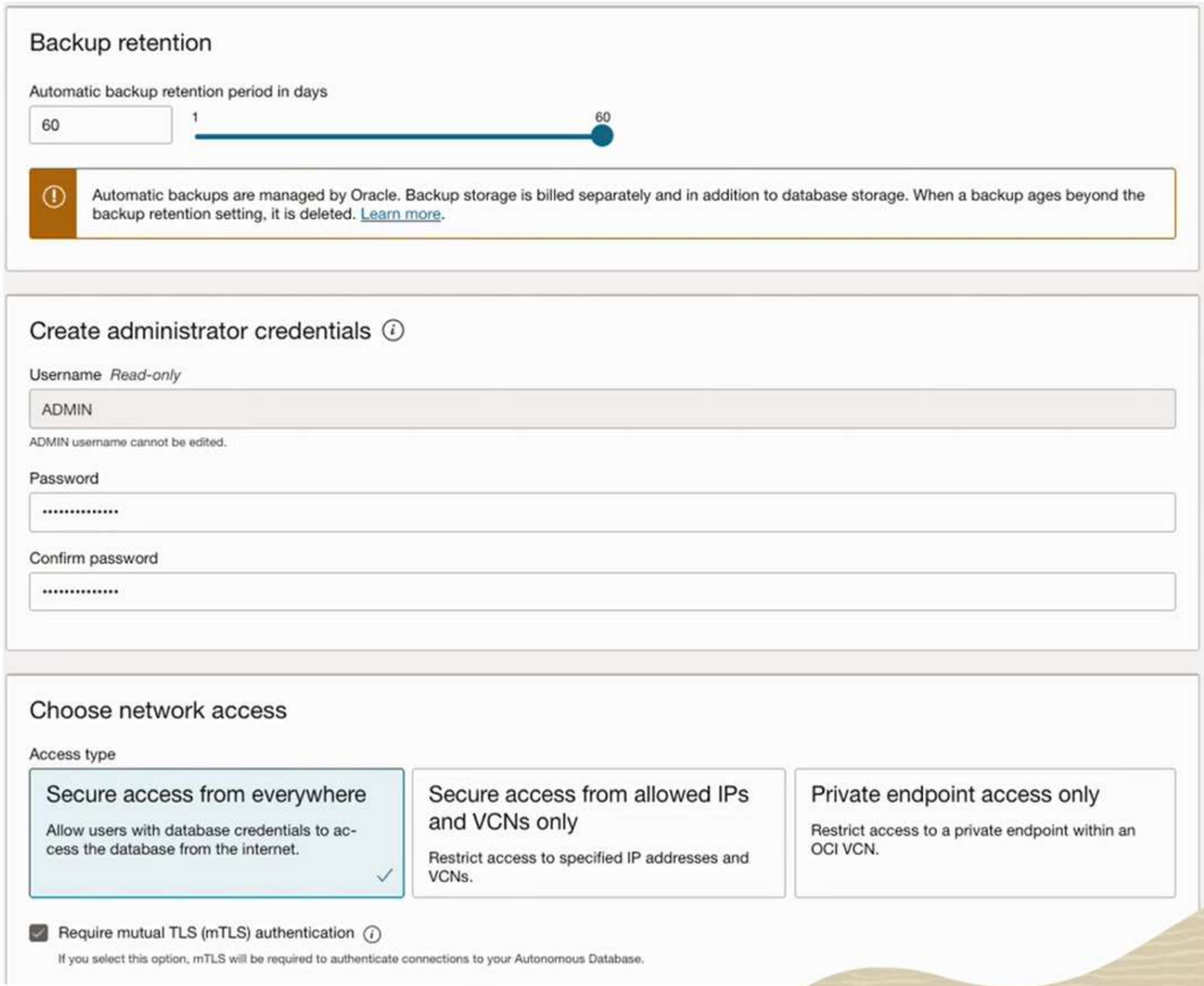
Required

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

Provisioning an Autonomous Database



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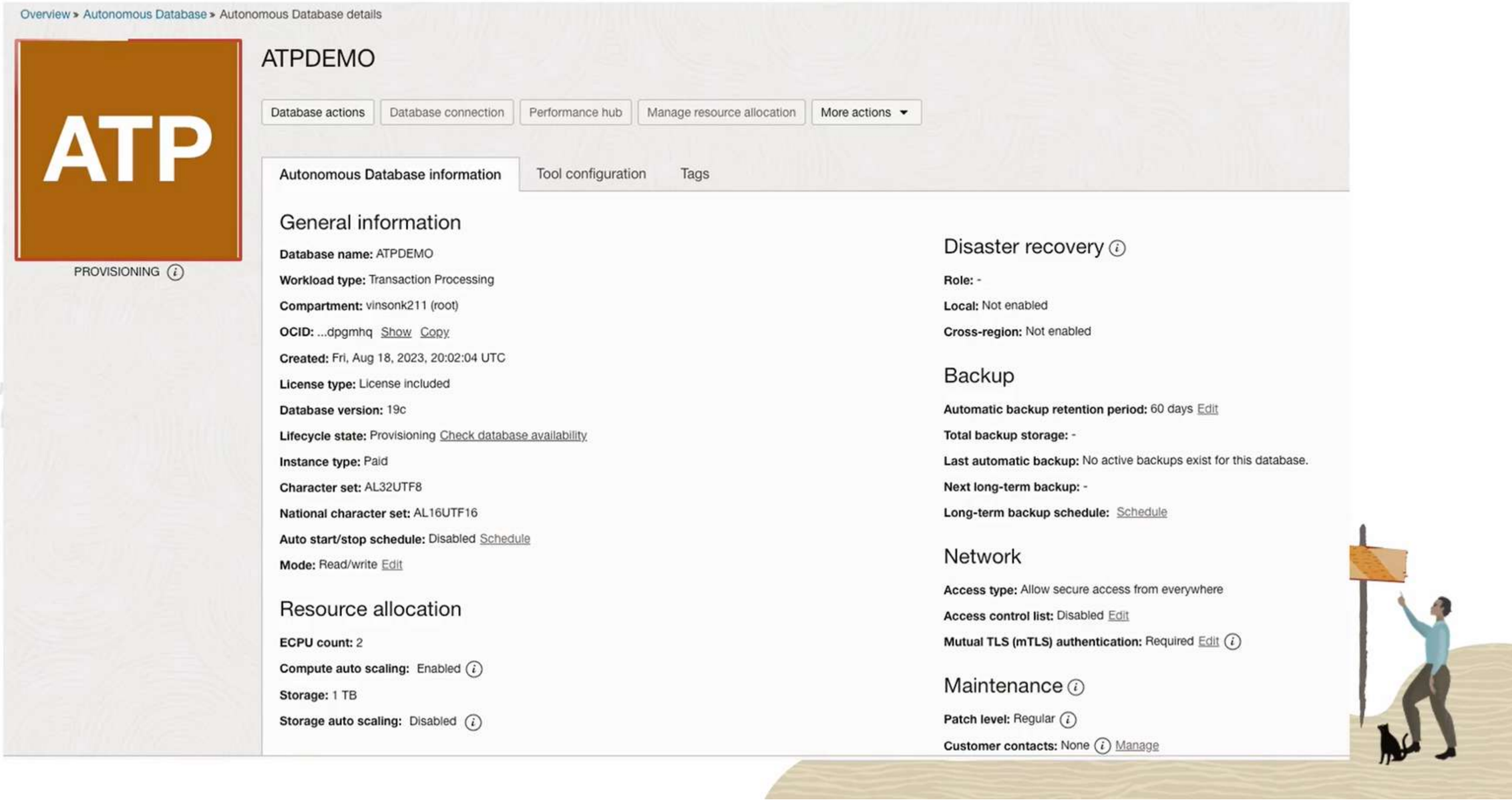
Provisioning an Autonomous Database



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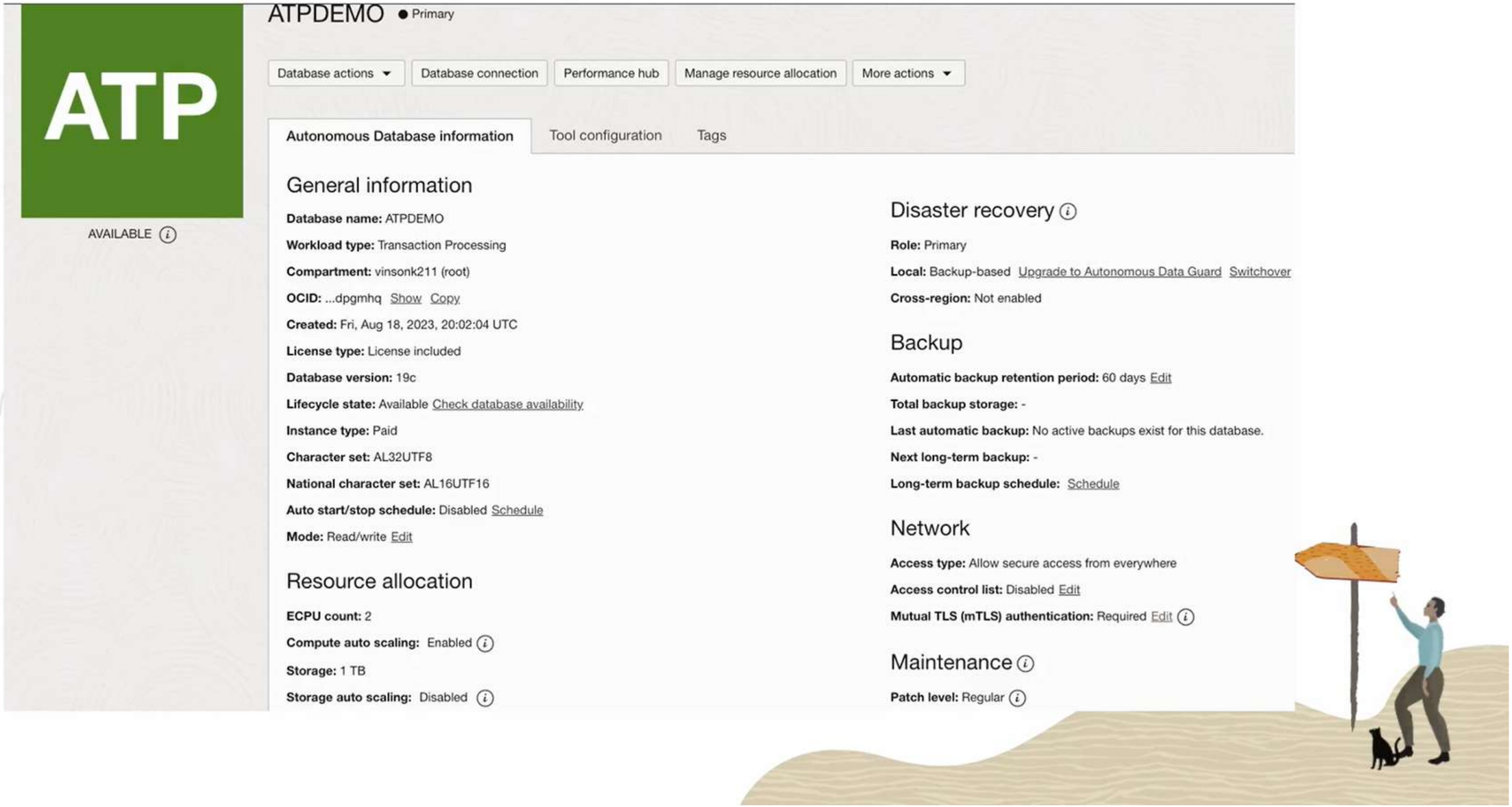

To wrap up...