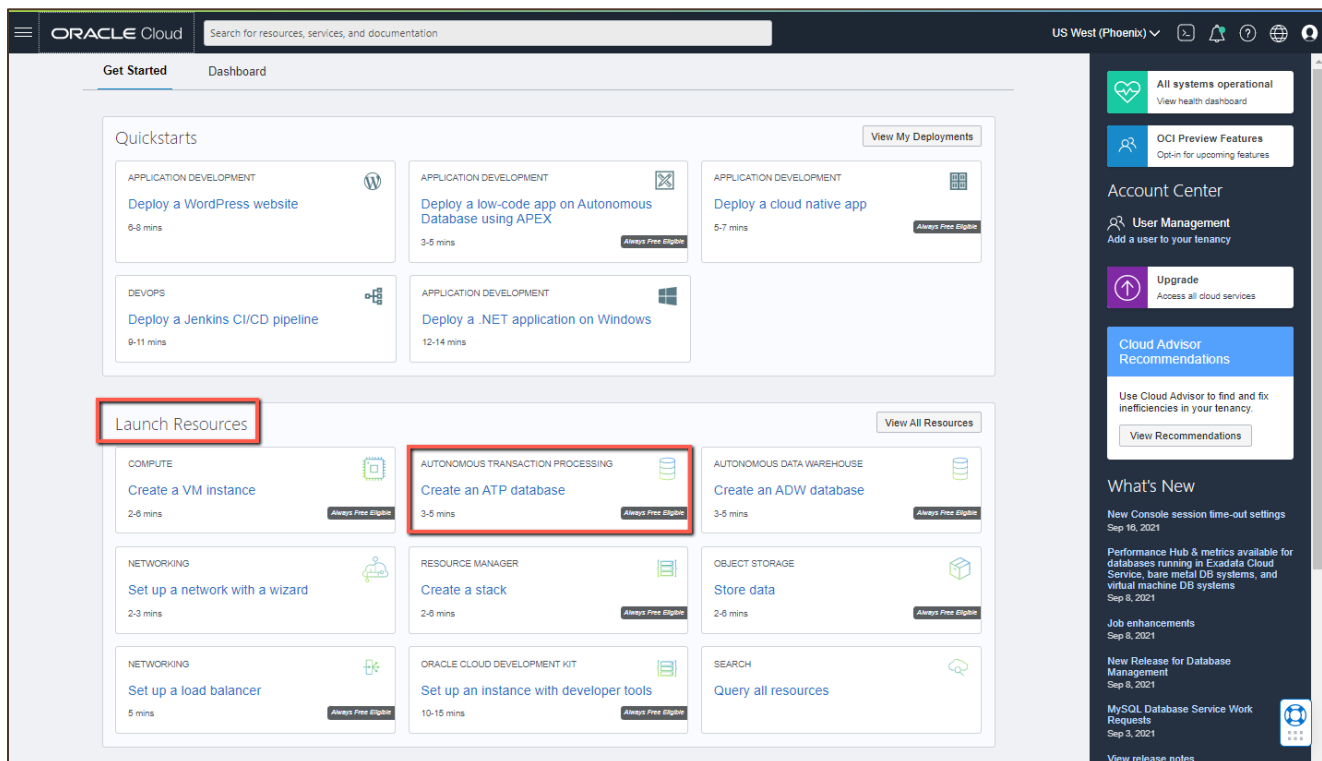


Oracle Academy Cloud Program Autonomous Database Startup Guide:

Creating Autonomous Database:

1. Sign into your Cloud account and you will be presented with your dashboard. Select Autonomous Transaction Processing, Create an ATP database in the Launch Resources section.



2. Enter a Display name as well as a Database name. Add a password to the Administrator Credentials section. Move the Always Free selector to the right. Verify the defaults for the remaining fields. **Click Create Autonomous Database.** (see screenshot next page)

- **Display Name:** A user-friendly description or other information that helps you easily identify the resource. The display name does not have to be unique, and you can change it whenever you like. Avoid entering confidential information.
- **Database Name:** The database name must consist of letters and numbers only, starting with a letter. The maximum length is 14 characters. Avoid entering confidential information.
- **Workload Type:** Transaction Processing
- **Deployment Type:** Applies to Autonomous Transaction Processing only. Select **Shared Infrastructure**.
- **Always Free:** Move this selector to the right so that the provisioning workflow shows only the Always Free configuration options. Note that the **Core CPU count** and **Storage** configuration fields are disabled when provisioning an Always Free Autonomous Database. Your database will have 1 OCPU, 8 GB of memory, and 20 GB of storage.

(Note: if failing to select Always Free your credits will be charged)

- **Administrator Credentials:** Set the password for the Autonomous Database Admin user by entering a password that meets the following criteria:
 1. Between 12 and 30 characters long
 2. Contains at least one lowercase letter
 3. Contains at least one uppercase letter
 4. Contains at least one number
 5. Does not contain the double quotation mark (")
 6. Does not contain the string "admin", regardless of casing

Use this password when accessing the Autonomous Database service console and when using an SQL client tool.

- **License Type:** When you provision an Always Free Autonomous Database, the license type is set to **License included** and cannot be adjusted.
- **Advanced Options**

Tags: Optionally, you can apply tags. If you have permissions to create a resource, you also have permissions to apply free-form tags to that resource. To apply a defined tag, you must have permissions to use the tag namespace. For more information about tagging, see Resource Tags. If you are not sure if you should apply tags, skip this option (you can apply tags later) or ask your administrator. Avoid entering confidential information.

ORACLE Cloud

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US

Create Autonomous Database

Provide basic information for the Autonomous Database

Compartment

lisapalombo (root)

Display name

OACP Database 2

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

Database name

DB202109210624

The name must contain only letters and numbers, starting with a letter. Maximum of 14 characters.

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

Shared Infrastructure

Run Autonomous Database on shared Exadata infrastructure.

Dedicated Infrastructure

Run Autonomous Database on dedicated Exadata infrastructure.

Dedicated Exadata infrastructure is not available for Always Free Oracle Autonomous Database.

Configure the database

Always Free

Show only Always Free configuration options

If your Always Free Autonomous Database has no activity for 7 consecutive days, the database will be automatically stopped. Your data will be preserved, and you can restart the database to continue using it. If the database remains stopped for 3 months, it will be reclaimed. [Learn more](#)

Choose database version

21c

Free Tier Autonomous Databases using Oracle Database 21c cannot currently be upgraded to paid instances.

OCPU count

Read-Only

1

Always Free Autonomous databases can utilize up to 1 core. The CPU core count cannot be adjusted.

Auto scaling

Allow system to use up to three times the provisioned number of cores as the workload increases. [Learn more](#)

Storage (TB)

Read-Only

0.02

Always Free Autonomous databases can utilize up to 0.02 TB (20 GB) of storage. The storage size cannot be adjusted.

Create administrator credentials

Username

Read-Only

ADMIN

ADMIN username cannot be edited.

Password

Confirm password

Choose network access

Access Type

Allow secure access from everywhere

You can restrict access to specific IP addresses and VCNs.

Virtual cloud network

Private access only, using a VCN.

The virtual cloud network option is not available for OCI Free Tier accounts.

Configure access control rules

Choose a license type

Bring Your Own License (BYOL)

Bring my organization's Oracle Database software licenses to the Database service. [Learn more](#)

License Included

Subscribe to new Oracle Database software licenses and the Database service.

Provide contacts for operational notifications and announcements

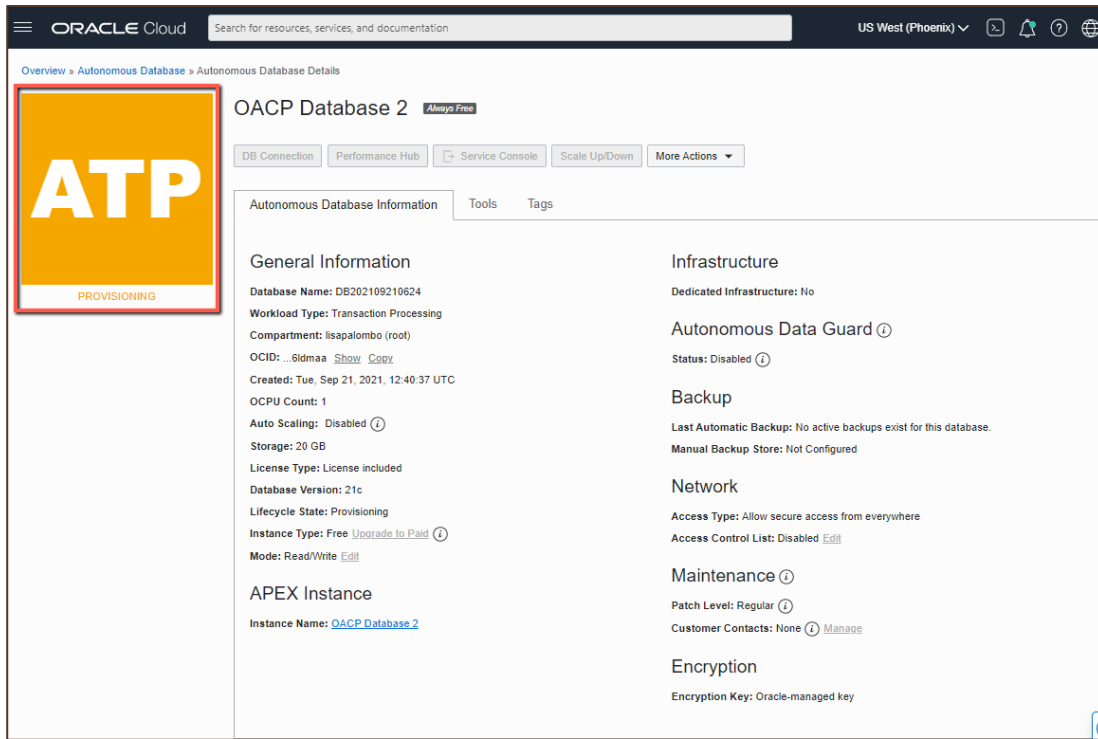
Add Contact

Show Advanced Options

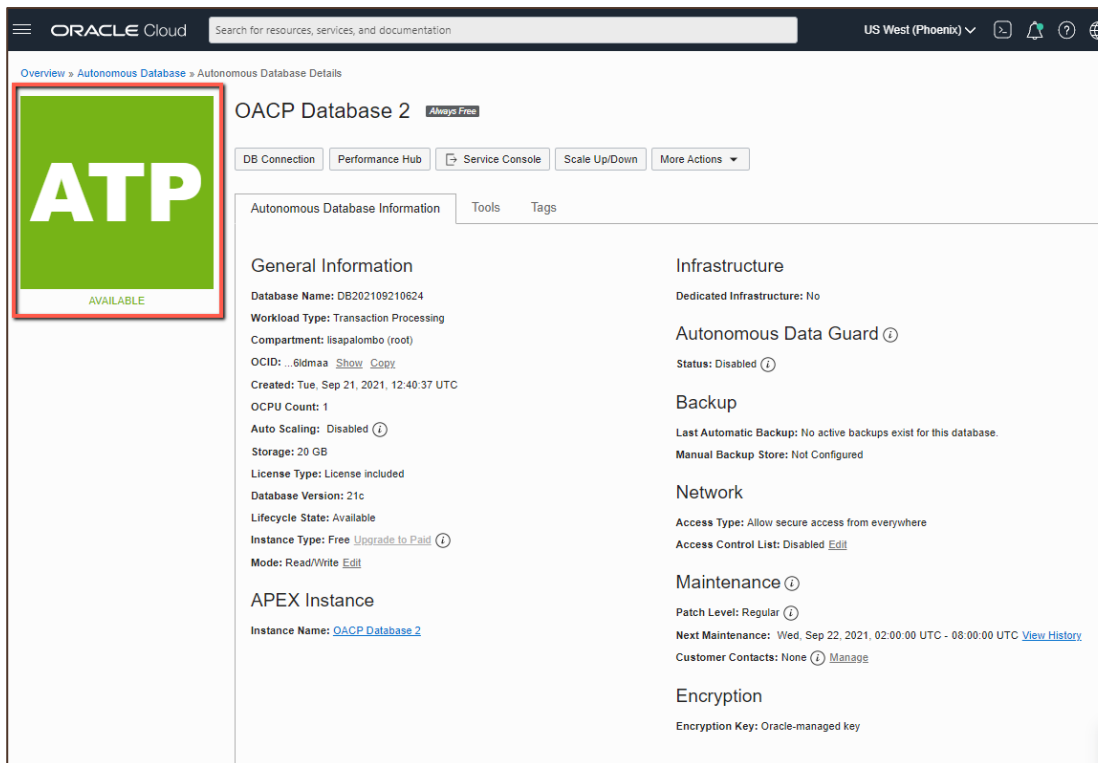
Create Autonomous Database

Cancel

3. It may take several minutes for your database to be provisioned, while this is happening you will see this screen :

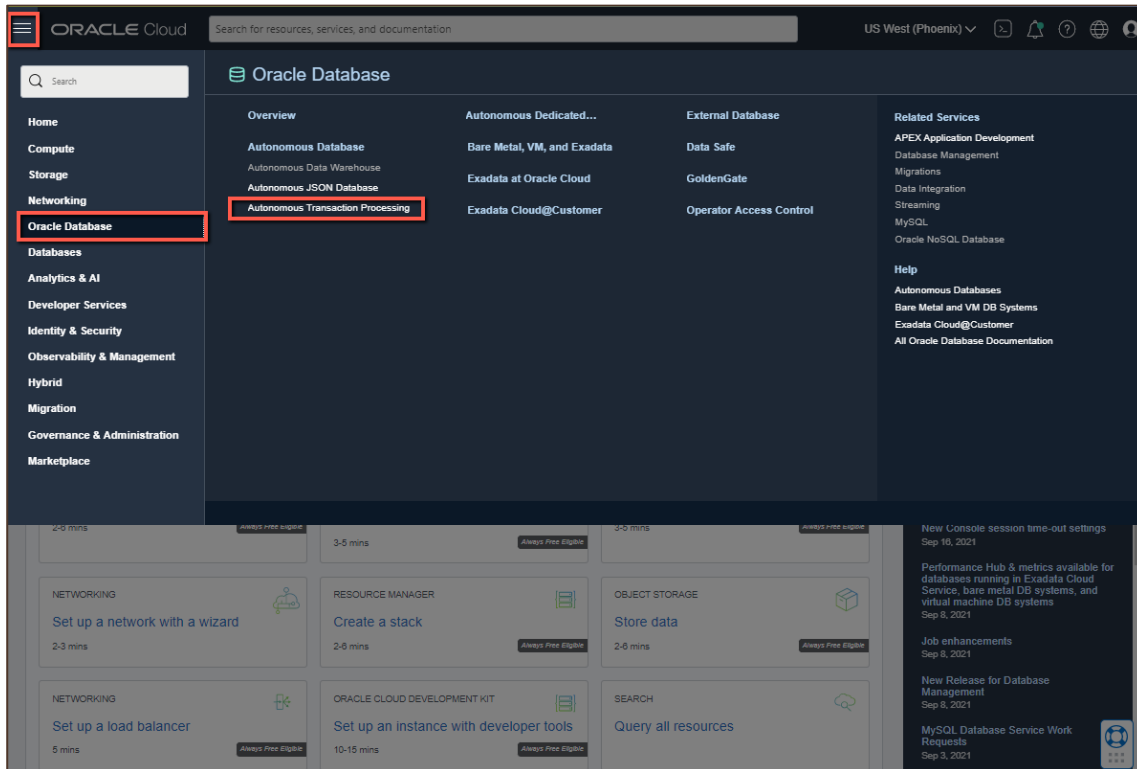


4. When this process is completed, you will now see the state set to available. This means that your database instance is created.

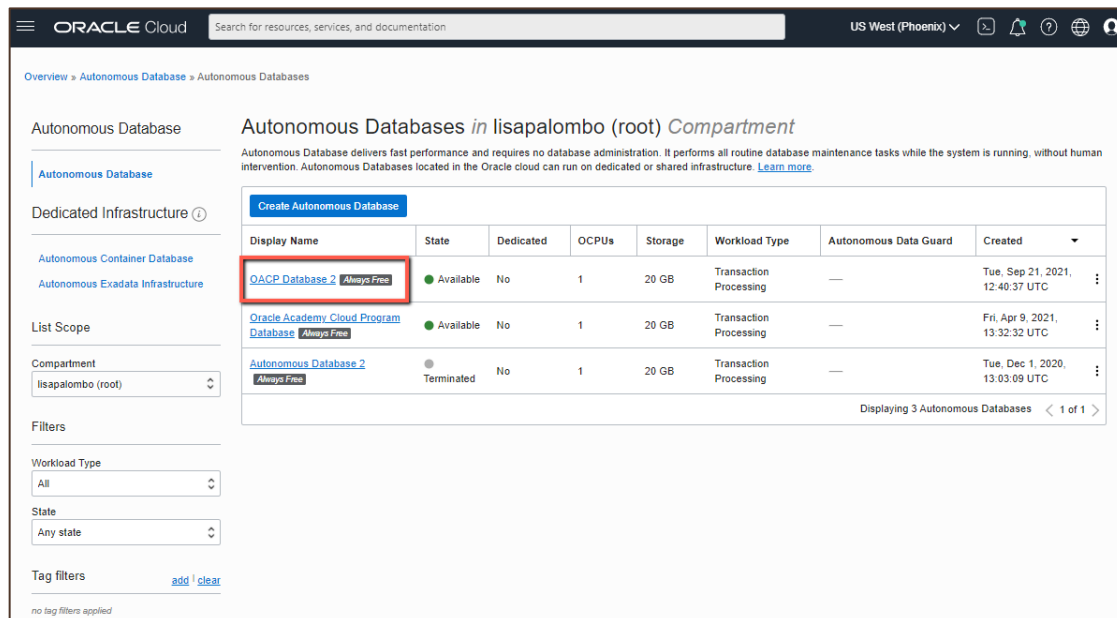


5. You now have a live database server!

At any point you can sign back into your Cloud account and return to your database by using the hamburger icon in the top left corner and selecting Oracle Database and then Autonomous Transaction Processing. (Or click Autonomous Database from the Home menu).

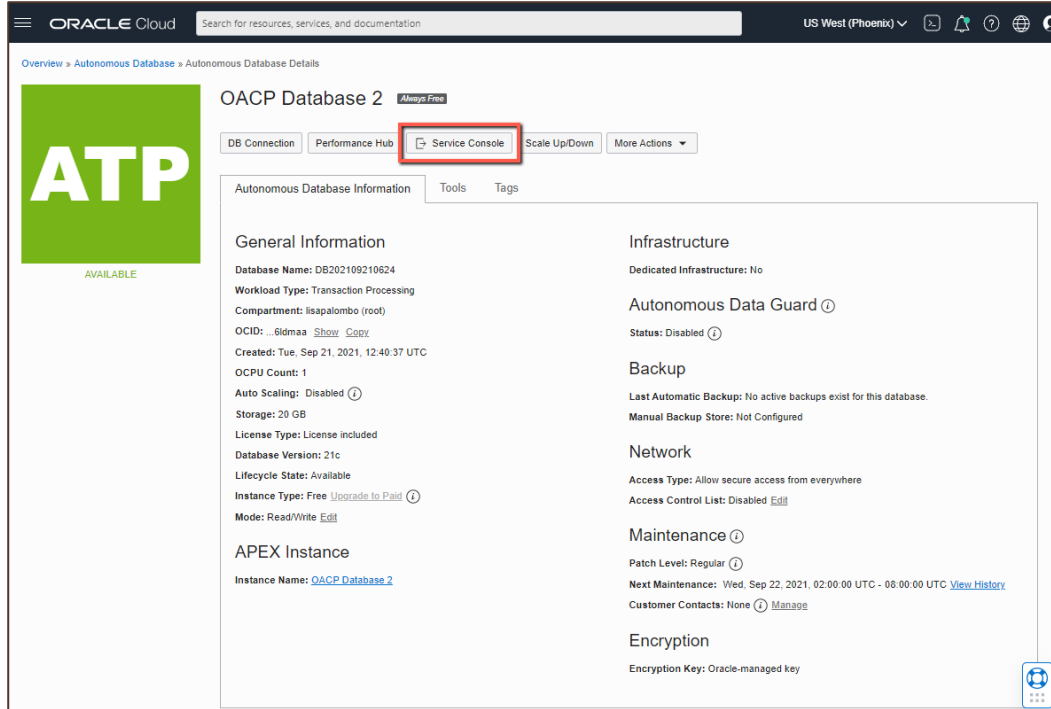


6. This will return you to your database page where you can select your live database.

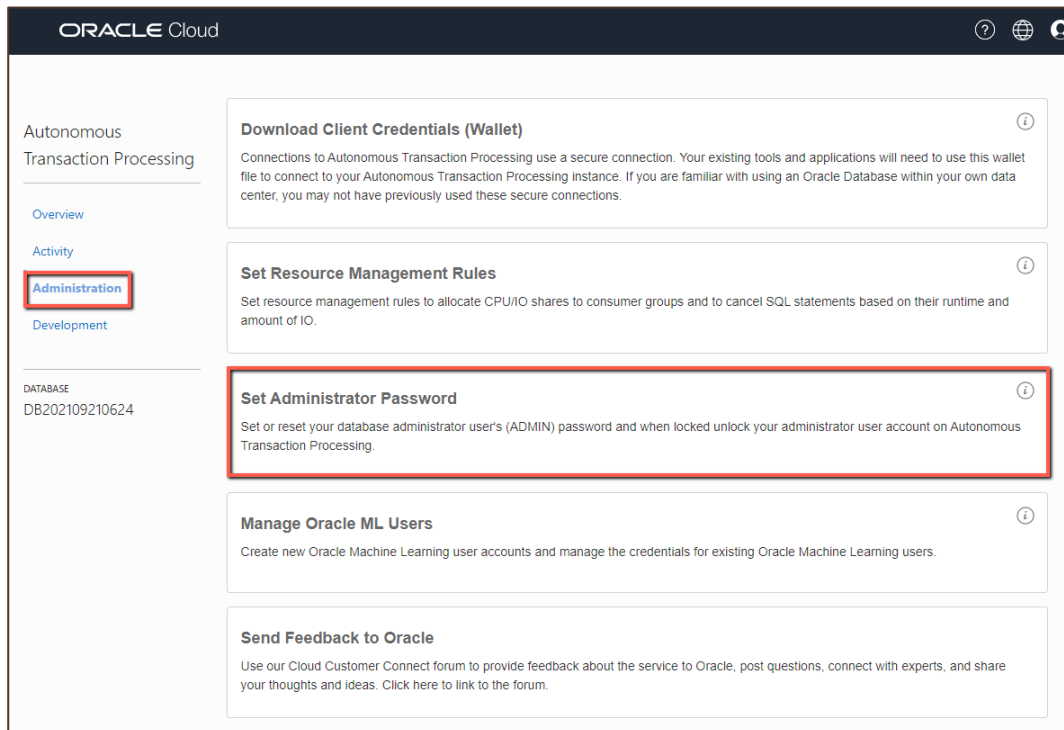


Reset password for the Autonomous Database Admin user:

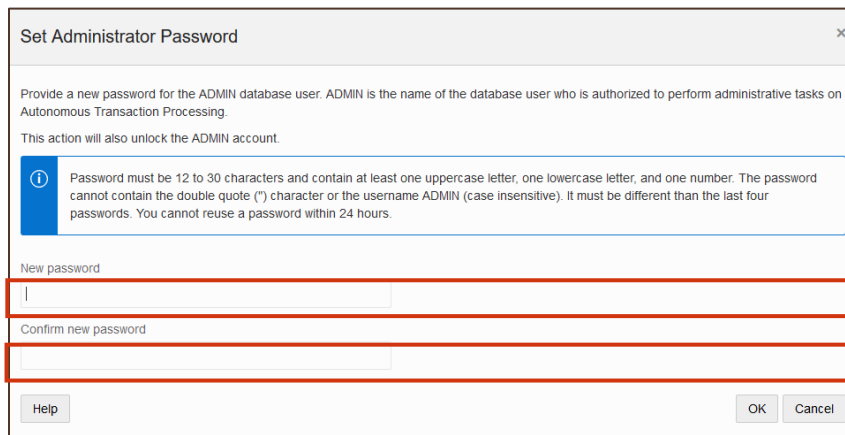
1. From your Autonomous Database Details screen select Service Console:



2. Select Administration, Set Administrator Password :



3. Enter a new password conforming to the stated rules, confirm new password.



The dialog box titled "Set Administrator Password" contains instructions for creating a new password for the ADMIN database user. It includes a text box for the "New password" and another for "Confirm new password". Both text boxes are highlighted with red rectangles. The dialog also features a "Help" button and "OK" and "Cancel" buttons at the bottom right.

Set Administrator Password

Provide a new password for the ADMIN database user. ADMIN is the name of the database user who is authorized to perform administrative tasks on Autonomous Transaction Processing.

This action will also unlock the ADMIN account.

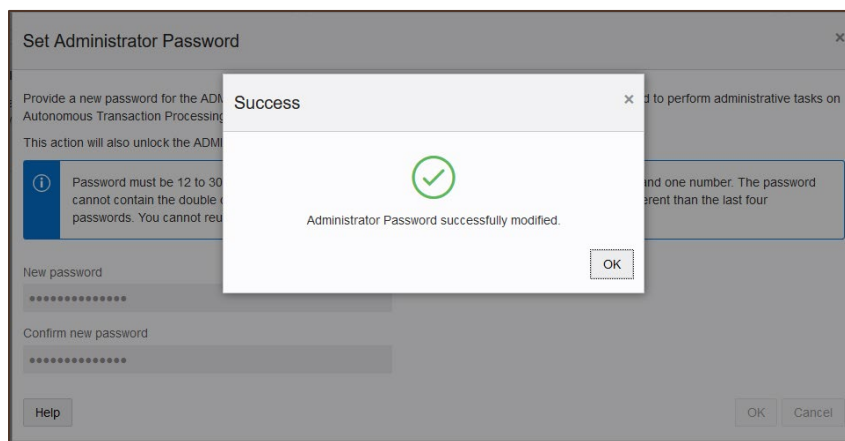
① Password must be 12 to 30 characters and contain at least one uppercase letter, one lowercase letter, and one number. The password cannot contain the double quote (") character or the username ADMIN (case insensitive). It must be different than the last four passwords. You cannot reuse a password within 24 hours.

New password

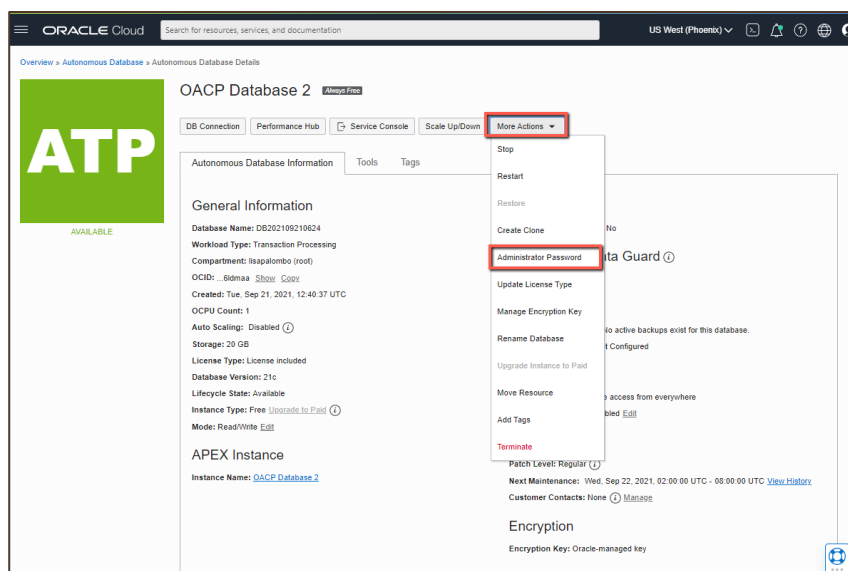
Confirm new password

Help OK Cancel

4. You will receive a message that the change is successful.



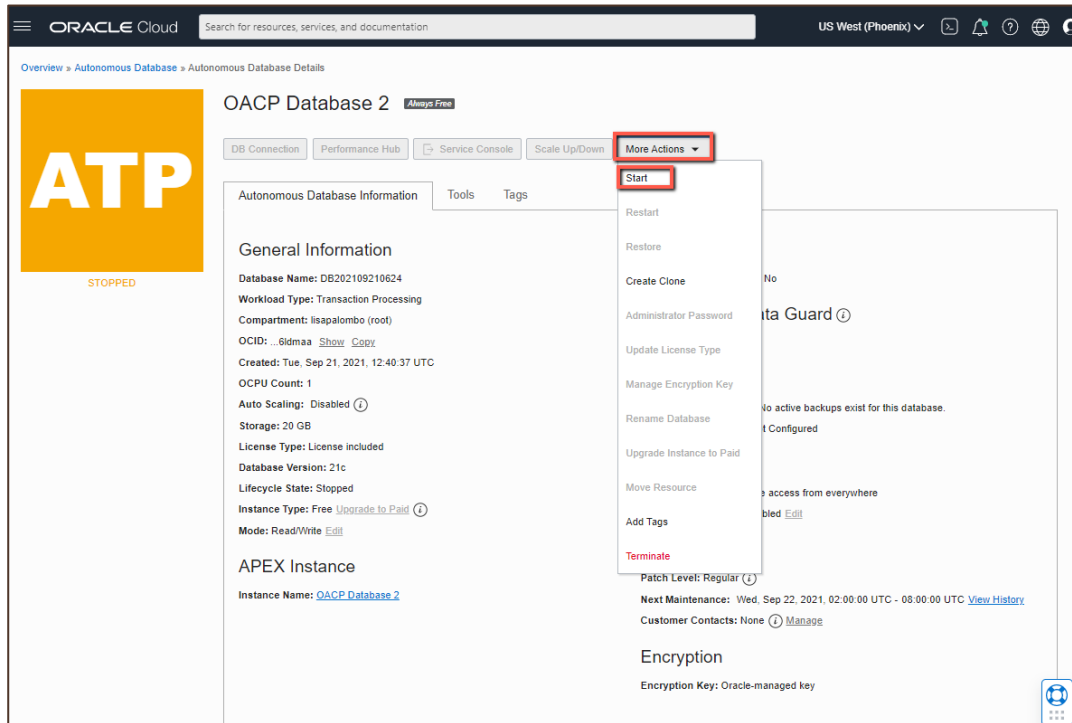
5. You can also modify this password from the Autonomous Database Details window by selecting More Actions, Administrator Password.



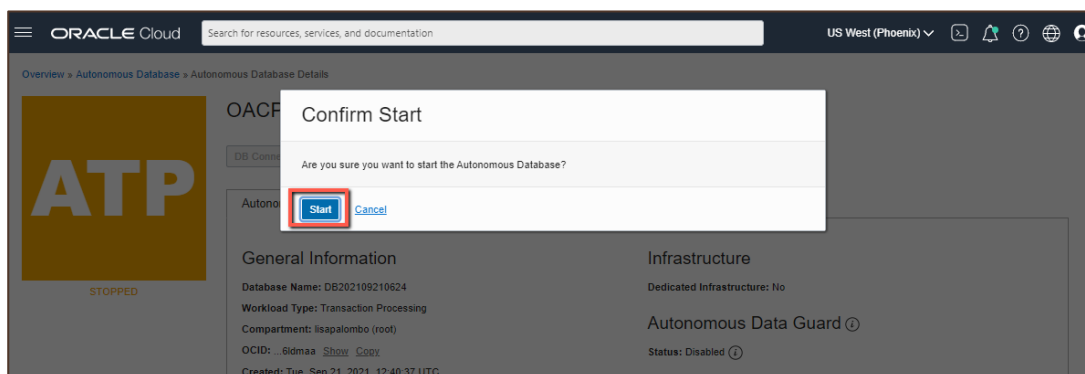
Restarting your Autonomous Database if it has stopped due to inactivity:

If your Always Free Autonomous Database has no activity for a period of 7 consecutive days, the Database service will stop the database automatically. If this happens, you are allowed to restart the database and continue using it. If your Always Free Autonomous Database remains in a stopped state for 3 consecutive months, the resource will be reclaimed by the Database service.

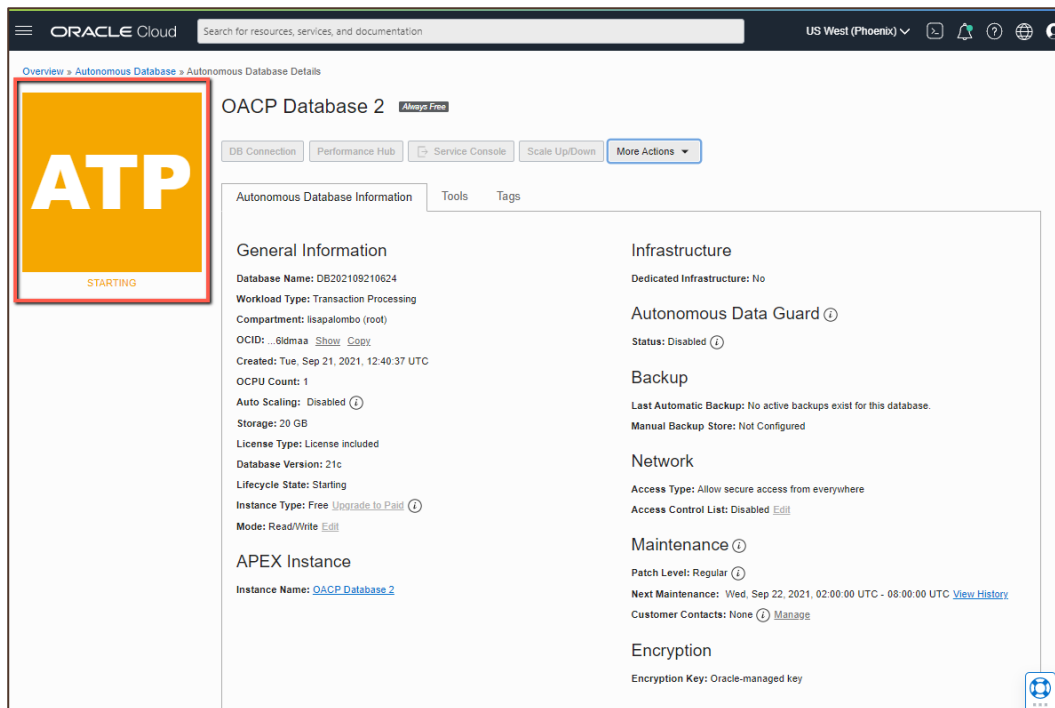
1. To restart the Database click the Start button in the More Actions drop down.



2. Confirm that you would like to start the database by clicking Start in the confirmation window.



3. You will see a status of "Starting"



4. After a few moments the database status will change to "Available" and you are then free to continue use.

