

Oracle Autonomous Database

Start and Stop ADB

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Objectives

An illustration on the left side of the slide shows a person in a red shirt and dark pants climbing a long, white ladder. The ladder is positioned against a green, rocky cliff. At the top of the ladder, there is a colorful, abstract mountain peak with shades of brown, orange, and purple. A small white cloud is visible above the mountain.

Start an Autonomous Database

Stop an Autonomous Database

Create a schedule to stop and start an Autonomous Database



Start your instance instantly on demand.



Stop your instance on demand to conserve resources and pause billing.



Define a schedule to automatically start-stop your instance

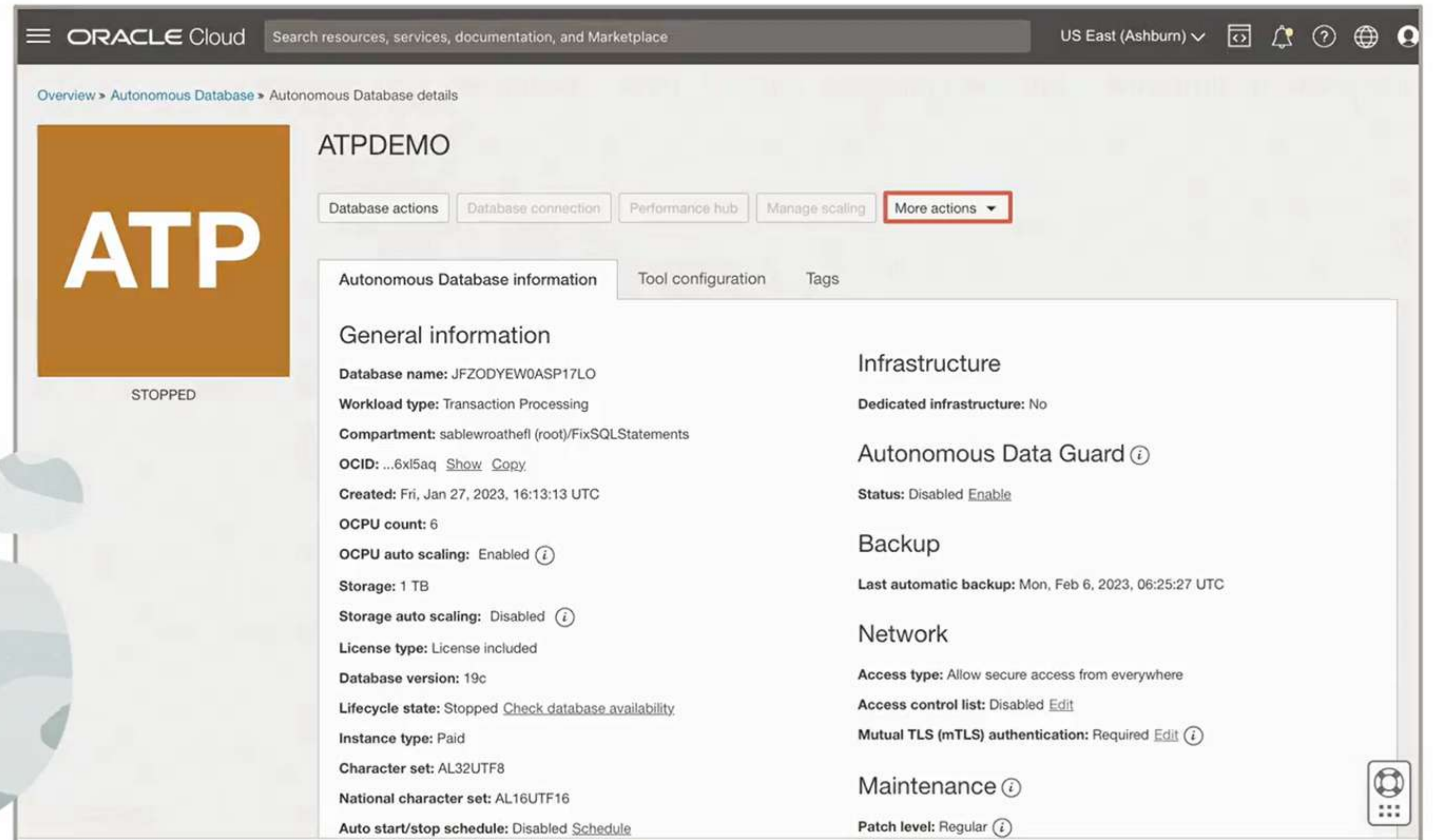


All can be done by clicking through the Console.








Autonomous Database Starting, Stopping, and Auto-Scheduling

Starting an Autonomous Database



The screenshot shows the Oracle Cloud console interface for an Autonomous Database (ATP) instance named ATPDEMO. The instance is currently in a 'STOPPED' state, as indicated by the large orange 'ATP' logo and the text 'STOPPED' below it. The console displays various tabs for managing the database, including 'Database actions', 'Database connection', 'Performance hub', 'Manage scaling', and 'More actions'. The 'More actions' tab is highlighted with a red border. The 'Autonomous Database information' tab is selected, showing general information such as the database name (JFZODYEW0ASP17LO), workload type (Transaction Processing), compartment (sablewroathell (root)/FixSQLStatements), OCID, creation date (Fri, Jan 27, 2023, 16:13:13 UTC), OCPU count (6), OCPU auto scaling (Enabled), storage (1 TB), storage auto scaling (Disabled), license type (License included), database version (19c), lifecycle state (Stopped), instance type (Paid), character set (AL32UTF8), national character set (AL16UTF16), and auto start/stop schedule (Disabled). The right sidebar provides additional details for Infrastructure (Dedicated infrastructure: No), Autonomous Data Guard (Status: Disabled), Backup (Last automatic backup: Mon, Feb 6, 2023, 06:25:27 UTC), Network (Access type: Allow secure access from everywhere), and Maintenance (Patch level: Regular).

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

Overview > Autonomous Database > Autonomous Database details

ATPDEMO

Database actions Database connection Performance hub Manage scaling **More actions**

Autonomous Database information Tool configuration Tags

General information

Database name: JFZODYEW0ASP17LO
Workload type: Transaction Processing
Compartment: sablewroathell (root)/FixSQLStatements
OCID: ...6xl5aq [Show](#) [Copy](#)
Created: Fri, Jan 27, 2023, 16:13:13 UTC
OCPU count: 6
OCPU auto scaling: Enabled [i](#)
Storage: 1 TB
Storage auto scaling: Disabled [i](#)
License type: License included
Database version: 19c
Lifecycle state: Stopped [Check database availability](#)
Instance type: Paid
Character set: AL32UTF8
National character set: AL16UTF16
Auto start/stop schedule: Disabled [Schedule](#)

Infrastructure
Dedicated infrastructure: No

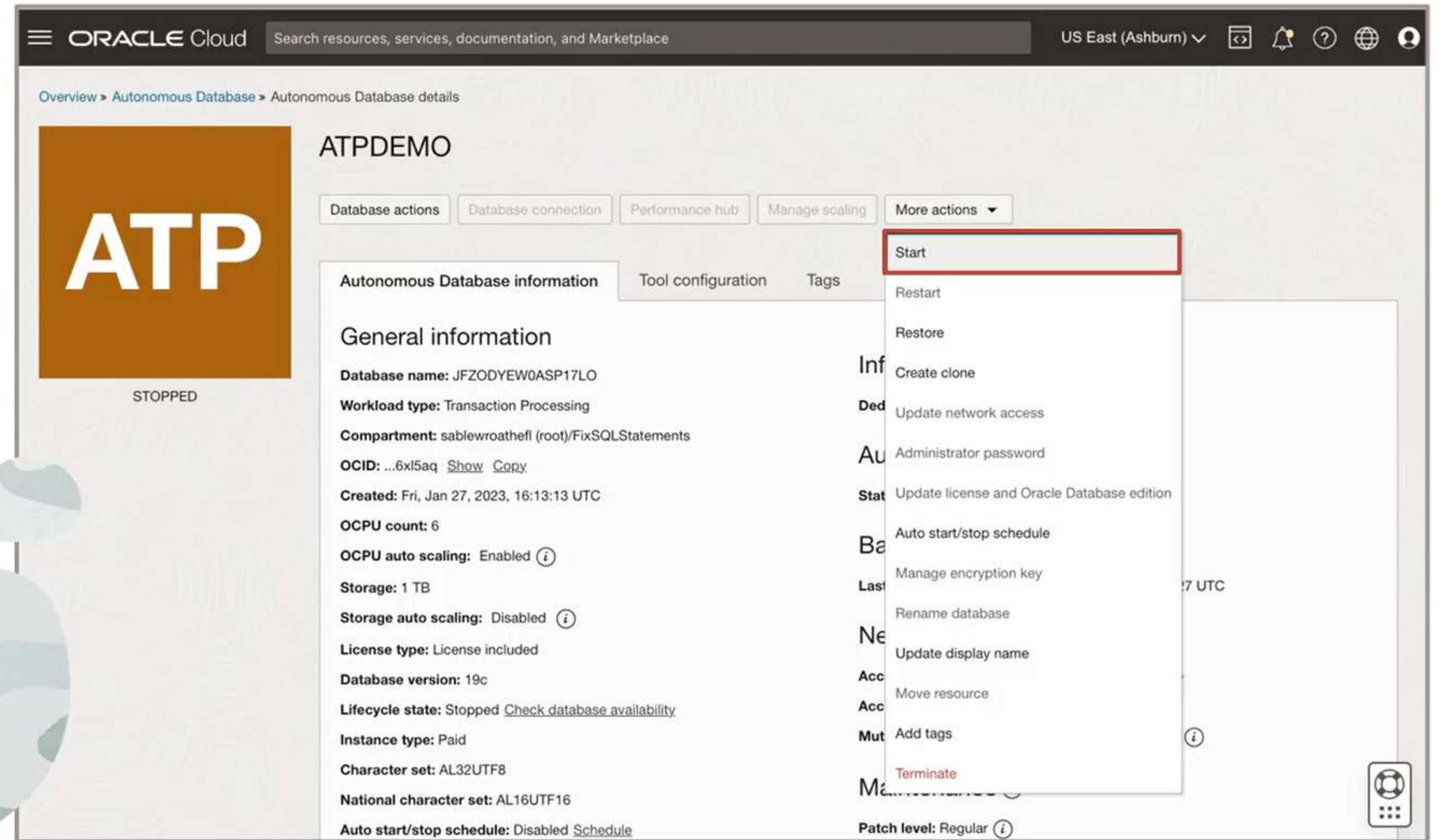
Autonomous Data Guard [i](#)
Status: Disabled [Enable](#)

Backup
Last automatic backup: Mon, Feb 6, 2023, 06:25:27 UTC






Network
Access type: Allow secure access from everywhere
Access control list: Disabled [Edit](#)
Mutual TLS (mTLS) authentication: Required [Edit](#) [i](#)

Maintenance [i](#)
Patch level: Regular [i](#)

Starting an Autonomous Database



The screenshot displays the Oracle Cloud console interface for an Autonomous Database (ATP) instance named ATPDEMO. The instance is currently in a STOPPED state, as indicated by the large orange 'ATP' logo and the 'STOPPED' label below it. The console shows various tabs for managing the database, including 'Database actions', 'Database connection', 'Performance hub', 'Manage scaling', and 'More actions'. The 'More actions' dropdown menu is open, highlighting the 'Start' option. The 'General information' tab is selected, displaying details such as Database name (JFZODYEW0ASP17LO), Workload type (Transaction Processing), Compartment (sablewroathefl (root)/FixSQLStatements), OCID, Created date (Fri, Jan 27, 2023, 16:13:13 UTC), OCPU count (6), OCPU auto scaling (Enabled), Storage (1 TB), Storage auto scaling (Disabled), License type (License included), Database version (19c), Lifecycle state (Stopped), Instance type (Paid), Character set (AL32UTF8), National character set (AL16UTF16), and Auto start/stop schedule (Disabled). The 'Start' button is highlighted in the 'More actions' dropdown menu.

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

Overview > Autonomous Database > Autonomous Database details

ATPDEMO

Database actions Database connection Performance hub Manage scaling More actions ▼

Start

Restart

Restore

Create clone

Update network access

Administrator password

Update license and Oracle Database edition

Auto start/stop schedule

Manage encryption key

Rename database

Update display name

Move resource

Add tags

Terminate

Patch level: Regular ⓘ

ATP

STOPPED

Autonomous Database information Tool configuration Tags

General information

Database name: JFZODYEW0ASP17LO

Workload type: Transaction Processing

Compartment: sablewroathefl (root)/FixSQLStatements

OCID: ...6xl5aq [Show](#) [Copy](#)

Created: Fri, Jan 27, 2023, 16:13:13 UTC

OCPU count: 6

OCPU auto scaling: Enabled ⓘ

Storage: 1 TB

Storage auto scaling: Disabled ⓘ

License type: License included

Database version: 19c

Lifecycle state: Stopped [Check database availability](#)

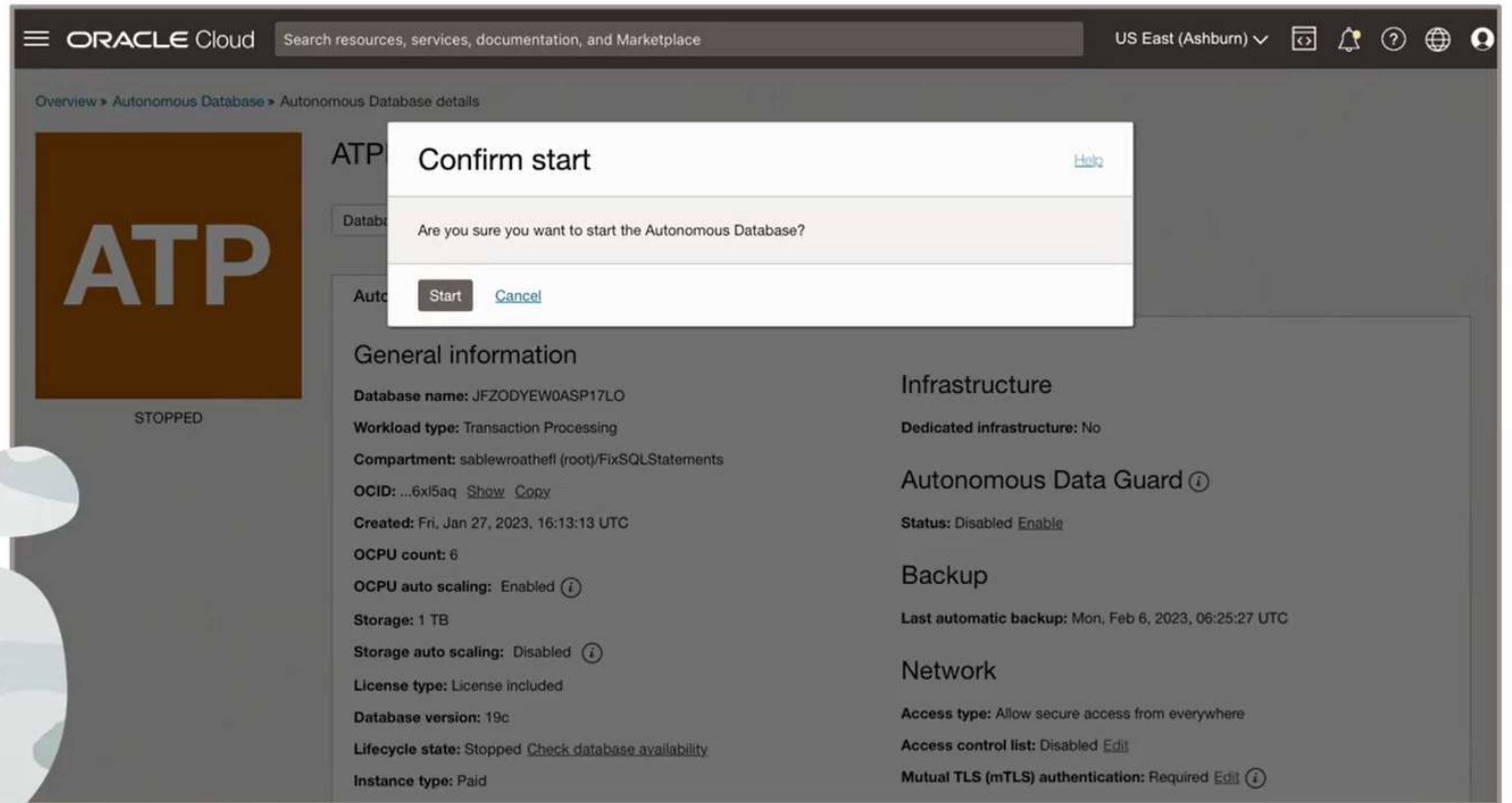
Instance type: Paid

Character set: AL32UTF8

National character set: AL16UTF16

Auto start/stop schedule: Disabled [Schedule](#)

Starting an Autonomous Database



The screenshot displays the Oracle Cloud console interface for an Autonomous Database (ATP) instance. A modal dialog titled "Confirm start" is centered on the screen, asking "Are you sure you want to start the Autonomous Database?" with "Start" and "Cancel" buttons. The background shows the "Autonomous Database details" page for instance JFZODYEW0ASP17LO, which is currently in a "STOPPED" state. The page is divided into sections for General information, Infrastructure, Autonomous Data Guard, Backup, and Network.

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

Overview > Autonomous Database > Autonomous Database details

ATP

Database: JFZODYEW0ASP17LO

Auto: STOPPED

Confirm start [Help](#)

Are you sure you want to start the Autonomous Database?

[Start](#) [Cancel](#)

General information

- Database name: JFZODYEW0ASP17LO
- Workload type: Transaction Processing
- Compartment: sablewroathefl (root)/FixSQLStatements
- OCID: ...6xl5aq [Show](#) [Copy](#)
- Created: Fri, Jan 27, 2023, 16:13:13 UTC
- OCPU count: 6
- OCPU auto scaling: Enabled [i](#)
- Storage: 1 TB
- Storage auto scaling: Disabled [i](#)
- License type: License included
- Database version: 19c
- Lifecycle state: Stopped [Check database availability](#)
- Instance type: Paid

Infrastructure

- Dedicated infrastructure: No

Autonomous Data Guard [i](#)

- Status: Disabled [Enable](#)

Backup

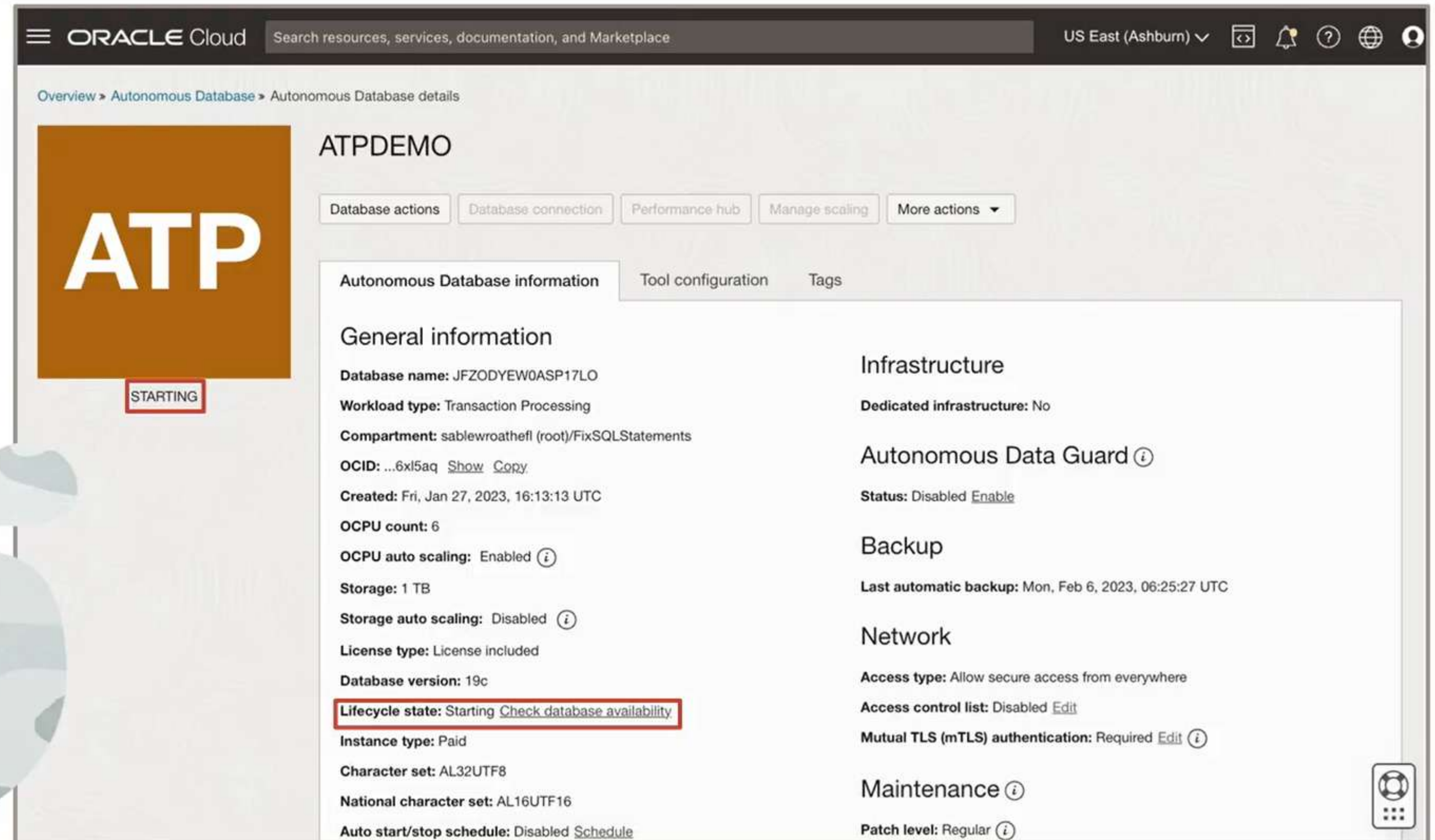
- Last automatic backup: Mon, Feb 6, 2023, 06:25:27 UTC






Network

- Access type: Allow secure access from everywhere
- Access control list: Disabled [Edit](#)
- Mutual TLS (mTLS) authentication: Required [Edit](#) [i](#)



Starting an Autonomous Database



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

Overview > Autonomous Database > Autonomous Database details

ATPDEMO

Database actions Database connection Performance hub Manage scaling More actions ▾

Autonomous Database information

Tool configuration Tags

General information

Database name: JFZODYEW0ASP17LO
Workload type: Transaction Processing
Compartment: sablewroathefl (root)/FixSQLStatements
OCID: ...6xl5aq [Show](#) [Copy](#)
Created: Fri, Jan 27, 2023, 16:13:13 UTC
OCPU count: 6
OCPU auto scaling: Enabled ⓘ
Storage: 1 TB
Storage auto scaling: Disabled ⓘ
License type: License included
Database version: 19c
Lifecycle state: Starting [Check database availability](#)
Instance type: Paid
Character set: AL32UTF8
National character set: AL16UTF16
Auto start/stop schedule: Disabled [Schedule](#)

Infrastructure

Dedicated infrastructure: No

Autonomous Data Guard ⓘ

Status: Disabled [Enable](#)

Backup

Last automatic backup: Mon, Feb 6, 2023, 06:25:27 UTC

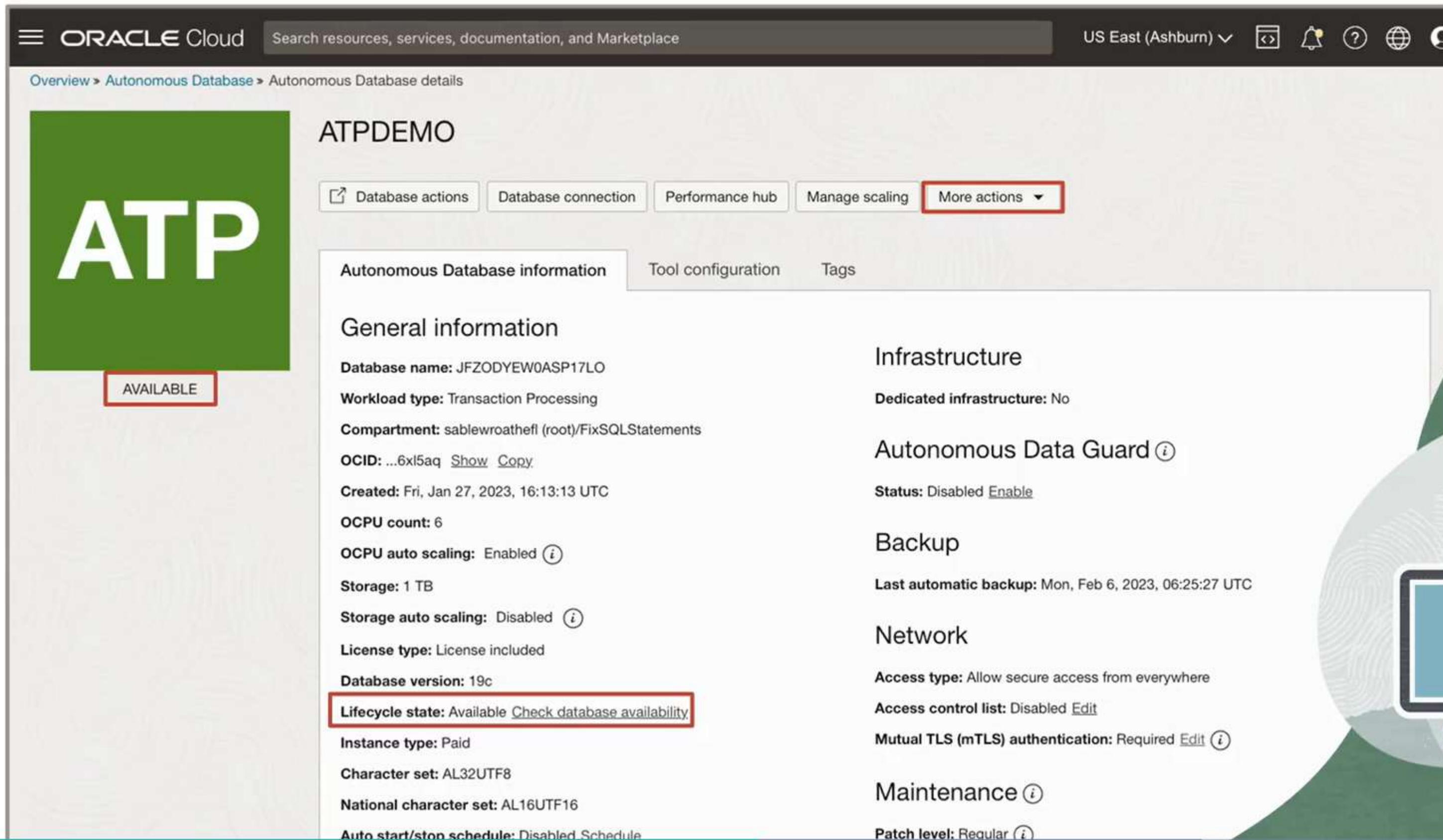
Network






Access type: Allow secure access from everywhere
Access control list: Disabled [Edit](#)
Mutual TLS (mTLS) authentication: Required [Edit](#) ⓘ

Maintenance ⓘ

Patch level: Regular ⓘ

Stopping an Autonomous Database



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

Overview > Autonomous Database > Autonomous Database details

ATPDEMO

[Database actions](#) [Database connection](#) [Performance hub](#) [Manage scaling](#) [More actions](#)

ATP
AVAILABLE

Autonomous Database information [Tool configuration](#) [Tags](#)

General information

Database name: JFZODYEW0ASP17LO
Workload type: Transaction Processing
Compartment: sablewroathefl (root)/FixSQLStatements
OCID: ...6xl5aq [Show](#) [Copy](#)
Created: Fri, Jan 27, 2023, 16:13:13 UTC
OCPU count: 6
OCPU auto scaling: Enabled ⓘ
Storage: 1 TB
Storage auto scaling: Disabled ⓘ
License type: License included
Database version: 19c
Lifecycle state: Available [Check database availability](#)
Instance type: Paid
Character set: AL32UTF8
National character set: AL16UTF16
Auto start/stop schedule: Disabled [Schedule](#)

Infrastructure

Dedicated infrastructure: No

Autonomous Data Guard ⓘ

Status: Disabled [Enable](#)

Backup

Last automatic backup: Mon, Feb 6, 2023, 06:25:27 UTC

Network

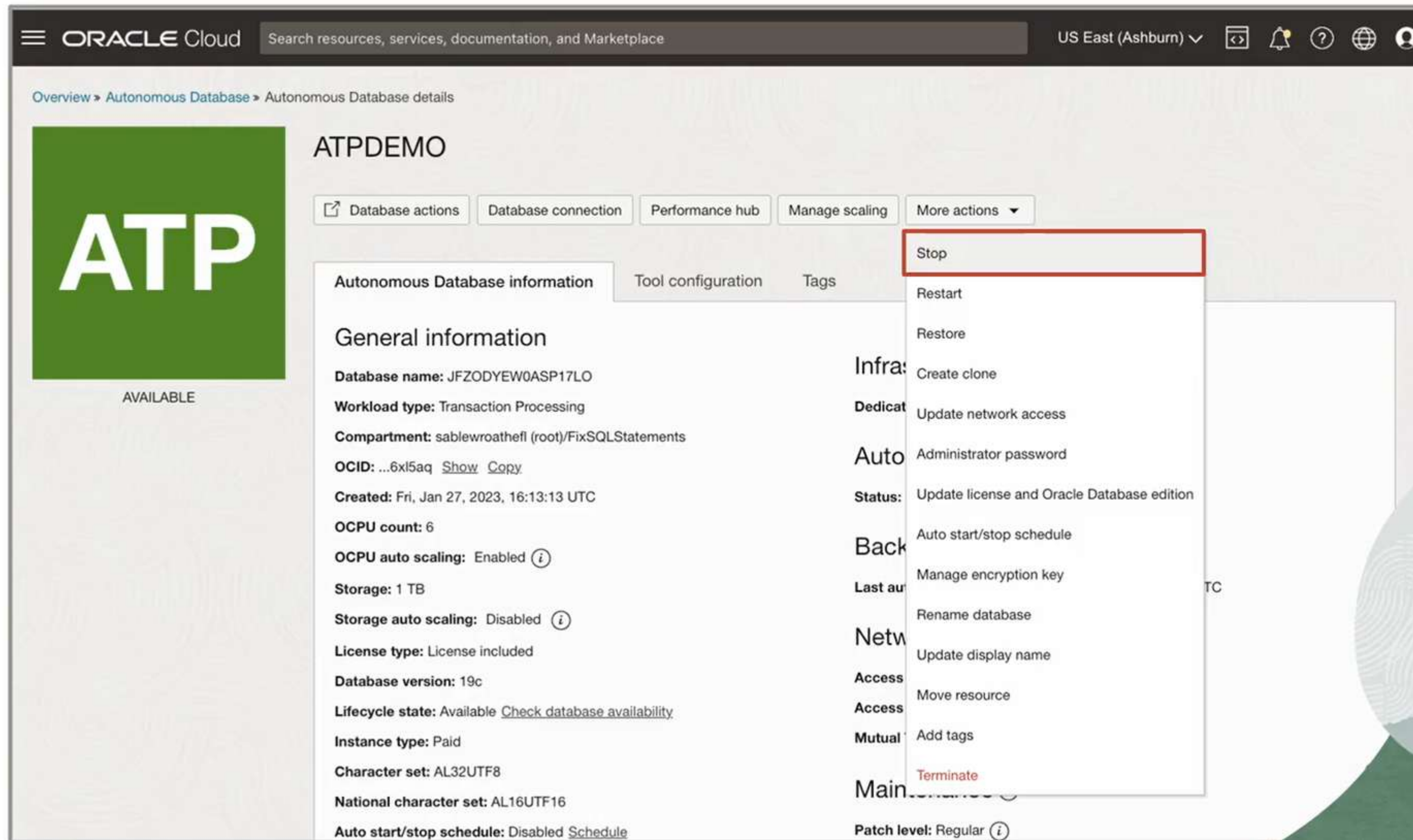
Access type: Allow secure access from everywhere
Access control list: Disabled [Edit](#)
Mutual TLS (mTLS) authentication: Required [Edit](#) ⓘ

Maintenance ⓘ

Patch level: Regular ⓘ



Stopping an Autonomous Database



The screenshot displays the Oracle Cloud console interface for an Autonomous Database instance named ATPDEMO. The instance is in an 'AVAILABLE' state. The 'More actions' dropdown menu is open, showing various management options. The 'Stop' option is highlighted with a red box.

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

Overview » Autonomous Database » Autonomous Database details

ATPDEMO

Database actions Database connection Performance hub Manage scaling More actions ▼

Autonomous Database information Tool configuration Tags

General information

Database name: JFZODYEW0ASP17LO
Workload type: Transaction Processing
Compartment: sablewroathefl (root)/FixSQLStatements
OCID: ...6xl5aq [Show](#) [Copy](#)
Created: Fri, Jan 27, 2023, 16:13:13 UTC
OCPU count: 6
OCPU auto scaling: Enabled ⓘ
Storage: 1 TB
Storage auto scaling: Disabled ⓘ
License type: License included
Database version: 19c
Lifecycle state: Available [Check database availability](#)
Instance type: Paid
Character set: AL32UTF8
National character set: AL16UTF16
Auto start/stop schedule: Disabled [Schedule](#)

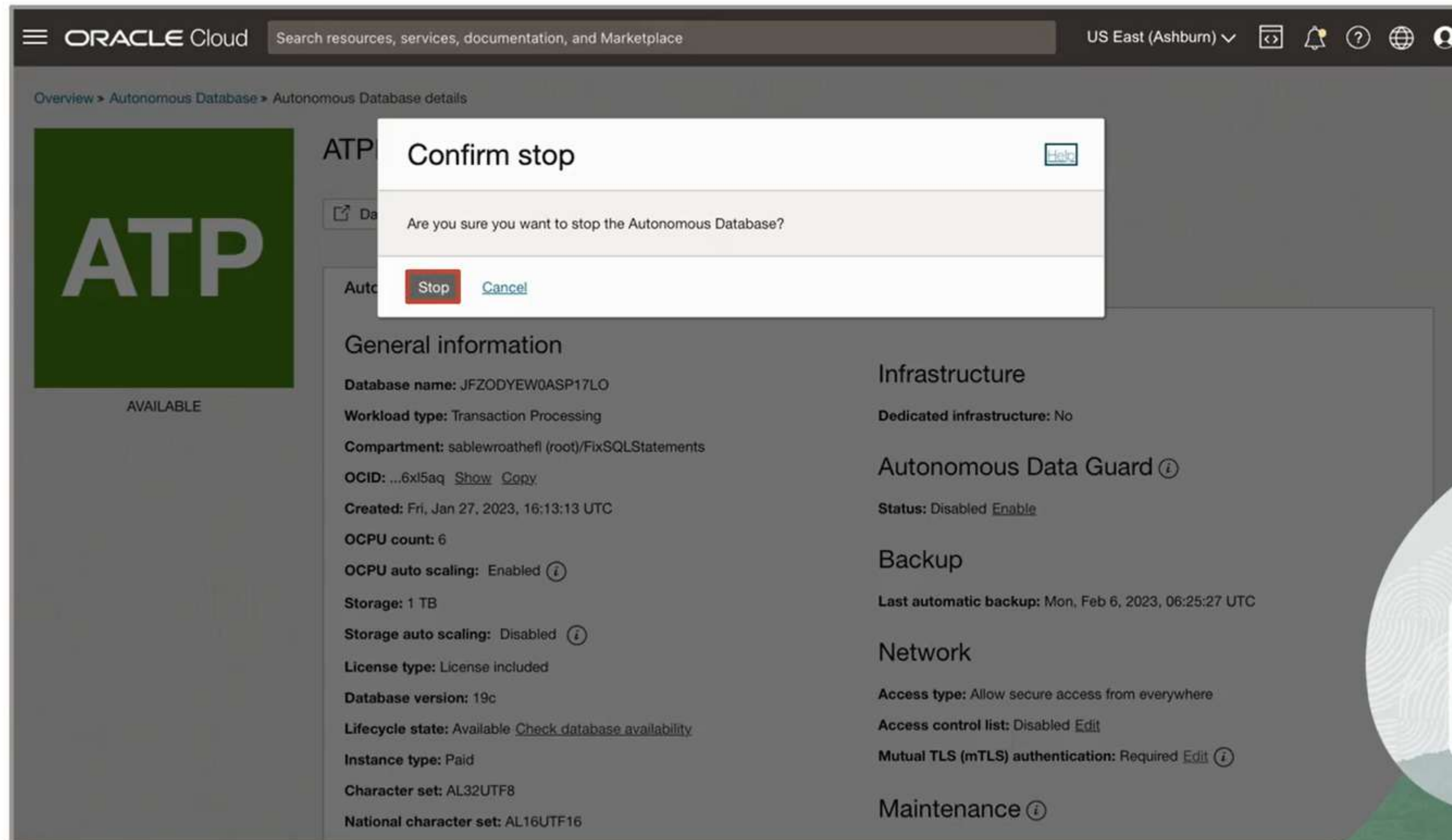
More actions ▼

- Stop
- Restart
- Restore
- Create clone
- Update network access
- Administrator password
- Update license and Oracle Database edition
- Auto start/stop schedule
- Manage encryption key
- Rename database
- Update display name
- Move resource
- Add tags
- Terminate

Infra: [Details]
Dedicat: [Details]
Auto: [Details]
Status: [Details]
Back: [Details]
Last au: [Details]
Netw: [Details]
Access: [Details]
Access: [Details]
Mutual: [Details]
Main: [Details]
Patch level: Regular ⓘ



Stopping an Autonomous Database



The screenshot displays the Oracle Cloud console interface. At the top, the Oracle Cloud logo and a search bar are visible. The breadcrumb navigation shows 'Overview > Autonomous Database > Autonomous Database details'. A large green box on the left contains the text 'ATP' and 'AVAILABLE'. A modal dialog box titled 'Confirm stop' is centered on the screen, asking 'Are you sure you want to stop the Autonomous Database?' with 'Stop' and 'Cancel' buttons. The background shows the 'General information' section for an Autonomous Database instance named 'JFZODYEW0ASP17LO'. The 'Infrastructure' section shows 'Dedicated infrastructure: No'. The 'Autonomous Data Guard' section shows 'Status: Disabled' with an 'Enable' link. The 'Backup' section shows 'Last automatic backup: Mon, Feb 6, 2023, 06:25:27 UTC'. The 'Network' section shows 'Access type: Allow secure access from everywhere', 'Access control list: Disabled', and 'Mutual TLS (mTLS) authentication: Required'. The 'Maintenance' section is also visible.

Oracle Cloud

Search resources, services, documentation, and Marketplace

US East (Ashburn)

Overview > Autonomous Database > Autonomous Database details

ATP

AVAILABLE

Confirm stop

Are you sure you want to stop the Autonomous Database?

Stop Cancel

General information

Database name: JFZODYEW0ASP17LO

Workload type: Transaction Processing

Compartment: sablewroathefl (root)/FixSQLStatements

OCID: ...6xl5aq [Show](#) [Copy](#)

Created: Fri, Jan 27, 2023, 16:13:13 UTC

OCPU count: 6

OCPU auto scaling: Enabled ⓘ

Storage: 1 TB

Storage auto scaling: Disabled ⓘ

License type: License included

Database version: 19c

Lifecycle state: Available [Check database availability](#)

Instance type: Paid

Character set: AL32UTF8

National character set: AL16UTF16

Infrastructure

Dedicated infrastructure: No

Autonomous Data Guard ⓘ

Status: Disabled [Enable](#)

Backup

Last automatic backup: Mon, Feb 6, 2023, 06:25:27 UTC

Network


Access type: Allow secure access from everywhere

Access control list: Disabled [Edit](#)

Mutual TLS (mTLS) authentication: Required [Edit](#) ⓘ

Maintenance ⓘ

Stopping an Autonomous Database



STOPPING

Overview > Autonomous Database > Autonomous Database details

ATPDEMO

Database actions Database connection Performance hub Manage scaling More actions

Autonomous Database information Tool configuration Tags

General information

Database name: JFZODYEW0ASP17LO

Workload type: Transaction Processing

Compartment: sablewroathefl (root)/FixSQLStatements

OCID: ...6xl5aq [Show](#) [Copy](#)

Created: Fri, Jan 27, 2023, 16:13:13 UTC

OCPU count: 6

OCPU auto scaling: Enabled ⓘ

Storage: 1 TB

Storage auto scaling: Disabled ⓘ

License type: License included

Database version: 19c

Lifecycle state: Stopping [Check database availability](#)

Instance type: Paid

Character set: AL32UTF8

National character set: AL16UTF16

Auto start/stop schedule: Disabled [Schedule](#)

Infrastructure

Dedicated infrastructure: No

Autonomous Data Guard ⓘ

Status: Disabled [Enable](#)

Backup

Last automatic backup: Mon, Feb 6, 2023, 06:25:27 UTC

Network

Access type: Allow secure access from everywhere

Access control list: Disabled [Edit](#)

Mutual TLS (mTLS) authentication: Required [Edit](#) ⓘ

Maintenance ⓘ

Patch level: Regular ⓘ



Stopping 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

FixSQLStatements

sablewroathefi (root)/FixSQLStatements

Filters

Workload type

All

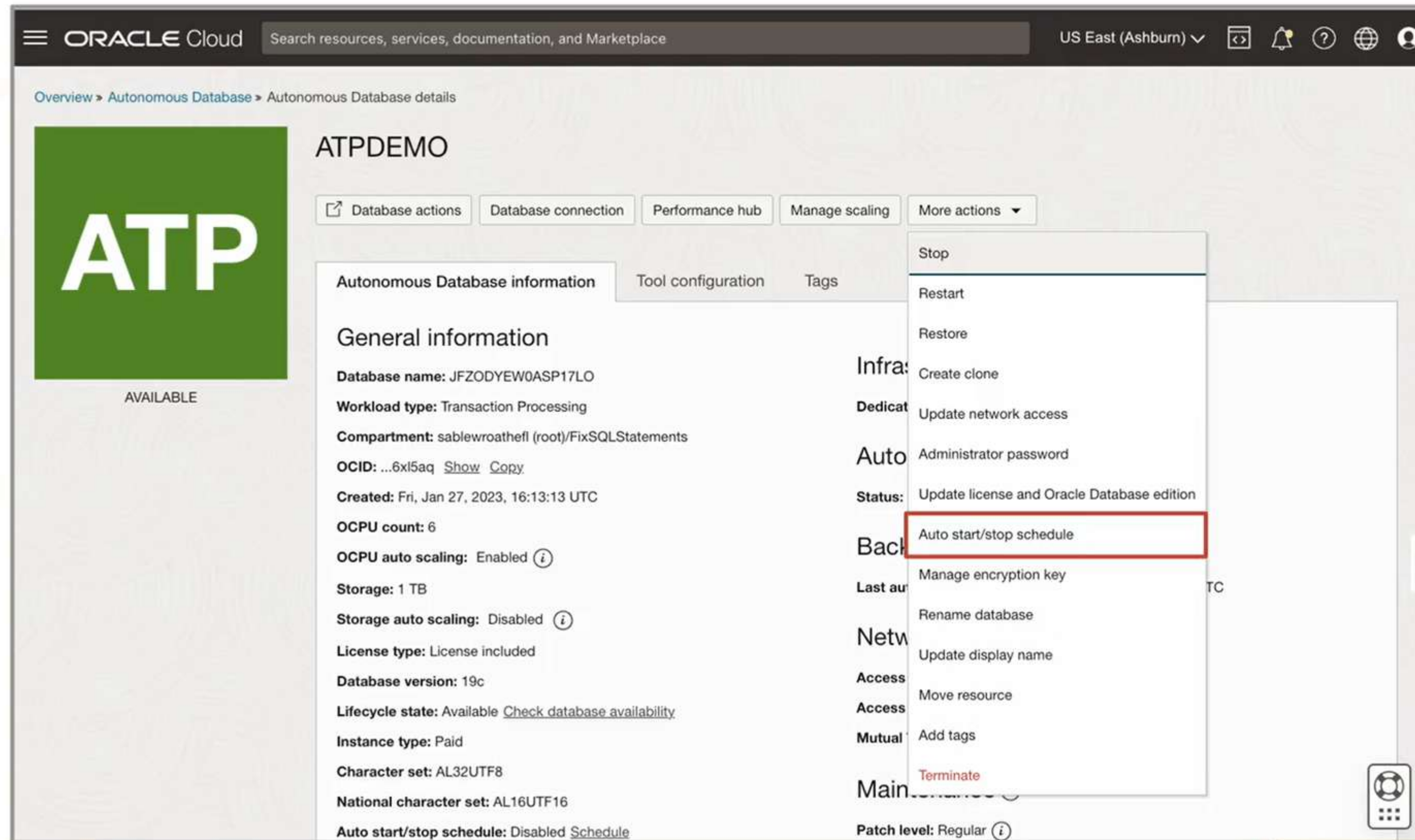
Create Autonomous Database






Display Name	State	Dedicated	Compute	Storage	Workload type	Autonomous Data Guard	Created
ATPDEMO	Stopped	No	6	1 TB	Transaction Processing	—	Fri, Jan 27, 2023, 16:13:13 UTC

Displaying 1 Autonomous Database < 1 of



Auto start/stop schedule for Autonomous Database



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

Overview » Autonomous Database » Autonomous Database details

ATPDEMO

[Database actions](#) [Database connection](#) [Performance hub](#) [Manage scaling](#) [More actions](#)

ATP
AVAILABLE

Autonomous Database information [Tool configuration](#) [Tags](#)

General information

Database name: JFZODYEW0ASP17LO
Workload type: Transaction Processing
Compartment: sablewroathelf (root)/FixSQLStatements
OCID: ...6xl5aq [Show](#) [Copy](#)
Created: Fri, Jan 27, 2023, 16:13:13 UTC
OCPU count: 6
OCPU auto scaling: Enabled ⓘ
Storage: 1 TB
Storage auto scaling: Disabled ⓘ
License type: License included
Database version: 19c
Lifecycle state: Available [Check database availability](#)
Instance type: Paid
Character set: AL32UTF8
National character set: AL16UTF16
Auto start/stop schedule: Disabled [Schedule](#)

More actions

- Stop
- Restart
- Restore
- Create clone
- Update network access
- Administrator password
- Update license and Oracle Database edition
- Auto start/stop schedule**
- Manage encryption key
- Rename database
- Update display name
- Move resource
- Add tags
- Terminate

Infra:
Dedicated:
Auto:
Status:
Backup:
Last backup:
Network:
Access:
Access:
Mutual:
Main:
Patch level: Regular ⓘ



Auto start/stop schedule for Autonomous Database

ORACLE Cloud

Search resources, services, documentation, and Marketplace

US East (Ashburn)

Overview > Autonomous Database > Autonomous Database details

ATP

AVAILABLE

Database actions

Database con

ATPDEMO

Autonomous Database information

General information

Database name: JFZODYEW0ASP17L

Workload type: Transaction Processing

Compartment: sablewroathefl (root)/F

OCID: ...6xl5aq [Show](#) [Copy](#)

Created: Fri, Jan 27, 2023, 16:13:13 U

OCPU count: 6

OCPU auto scaling: Enabled ⓘ

Storage: 1 TB

Storage auto scaling: Disabled ⓘ

License type: License included

Database version: 19c

Lifecycle state: Available [Check data](#)

Instance type: Paid

Character set: AL32UTF8

National character set: AL16UTF16

Auto start/stop schedule: Disabled S

Auto start/stop schedule

[Help](#)

An auto stop/start schedule will automatically stop/start your database at the selected times. The times are in UTC.

Actions	Mon	Tue	Wed	Thu	Fri	Sat	Sun
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Start	09:00 ↕	09:00 ↕	09:00 ↕	09:00 ↕	09:00 ↕	Select time ↕	Select time ↕
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Stop	17:00 ↕	17:00 ↕	17:00 ↕	17:00 ↕	17:00 ↕	Select time ↕	Select time ↕

Apply

Cancel



Auto start/stop schedule for Autonomous Database

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

Overview > Autonomous Database > Autonomous Database details

Auto start/stop schedule

Are you sure you want to apply the auto start/stop schedule?

[Apply](#) [Cancel](#)

ATP
AVAILABLE

General information

- Database name: JFZODYEW0ASP17L
- Workload type: Transaction Processing
- Compartment: sablewroathefl (root)/Fi
- OCID: ...6xl5aq [Show](#) [Copy](#)
- Created: Fri, Jan 27, 2023, 16:13:13 U
- OCPU count: 6
- OCPU auto scaling: Enabled ⓘ
- Storage: 1 TB
- Storage auto scaling: Disabled ⓘ
- License type: License included
- Database version: 19c
- Lifecycle state: Available [Check data](#)
- Instance type: Paid
- Character set: AL32UTF8
- National character set: AL16UTF16
- Auto start/stop schedule: Disabled S

[Apply](#) [Cancel](#)

Stop 17:00 17:00 17:00 17:00 17:00 Select time Select time

Sat Sun

Select time Select time

Select time Select time





To wrap up...