







## Oracle Autonomous Database

# Licensing

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# ECPU pricing metric

## What are ECPUs?

- › They are an abstract compute metric of cloud resources that is performance based.
- › Elastically allocated from ADB's shared pool of Exadata database and storage servers.
- › Not physical core or threads.
- › Default compute model for all new ADB instances.

## Benefits for ECPUs

- › Provides a durable pricing metric that is not tied to the exact make, model, and clock speed of the underlying processor.
- › Delivers competitive advantages for ADW.
- › Finer-granularity system sizing.
- › Reduced storage costs for ADW instances using ECPU.



## ECPU key points

- › ECPU pricing is available for ADW and ATP with a minimum configuration of 2 ECPUs,
- › Beyond 2 ECPUs, scaling is in single-step increments.
- › Licensing for ECPUs can be:
  - › Pay-as-You-Go
  - › BYOL (Bring-Your-Own-License for existing Oracle Database customers)



# Autonomous Database Licensing – ADW and ATP

Universal Credit Model (UCM)		Bring Your Own License (BYOL)	
No on-premises licenses required. All capabilities included in one price.	Advantages	Leverage existing licenses in the cloud. All of the service at a fraction of the cost.	
Included	Licensing	Oracle Enterprise Edition	Oracle Standard Edition
Included		64+ ECPUs Licensing	max. 32 ECPUs with or without compute auto scaling enabled
Included	99.95% SLA	Included	Included
Included	99.995% SLA	Oracle Enterprise Edition Real Application Clusters Active Data Guard	Standard Edition Active Data Guard

# Oracle Universal Credit Payment structures

## Pay As You Go (PAYG)

### Structure

- › No upfront payment
- › On-demand pricing

### Benefits

- › No payment commitment
- › Minimizes customer risk

## Annual Universal Credits

### Structure

- › Minimum one year term

### Benefits

- › Maximizes cost reduction with predictable annual spend
- › Flexibility of on-demand access with the benefit of prepaid instance pricing

# Autonomous Database licensing

The screenshot displays the Oracle Cloud console interface for an Autonomous Database instance. The top navigation bar includes the Oracle Cloud logo, a search bar, and the region 'US East (Ashburn)'. The breadcrumb trail shows 'Overview > Autonomous Database > Autonomous Database details'. The instance name 'ATPDEMO' is shown with a 'Primary' status. A green 'ATP' logo is visible on the left, with the status 'AVAILABLE' below it. A row of buttons includes 'Database actions', 'Database connection', 'Performance hub', 'Manage resource allocation', and 'More actions'. The 'Autonomous Database information' tab is selected, showing 'General information', 'Tool configuration', and 'Tags'. The 'General information' section lists various attributes: Database name (ATPDEMO), Workload type (Transaction Processing), Compartment (vinsonk211 (root)), OCID (...42gnoq), Created date (Mon, Aug 21, 2023, 18:54:48 UTC), License type (Bring your own license (BYOL), Enterprise Edition - highlighted with a red box), Database version (19c), Lifecycle state (Available), Instance type (Paid), Character set (AL32UTF8), National character set (AL16UTF16), Auto start/stop schedule (Disabled), and Mode (Read/write). The 'Resource allocation' section shows 'ECPU count: 2'. The 'Disaster recovery' section shows 'Role: Primary', 'Local: Backup-based', and 'Cross-region: Not enabled'. The 'Backup' section shows 'Automatic backup retention period: 60 days', 'Total backup storage: -', 'Last automatic backup: No active backups exist for this database.', 'Next long-term backup: -', and 'Long-term backup schedule: Schedule'. The 'Network' section shows 'Access type: Allow secure access from everywhere', 'Access control list: Disabled', and 'Mutual TLS (mTLS) authentication: Required'.

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

Overview > Autonomous Database > Autonomous Database details

ATPDEMO • Primary

Database actions Database connection Performance hub Manage resource allocation More actions

Autonomous Database information Tool configuration Tags

General information

Database name: ATPDEMO

Workload type: Transaction Processing

Compartment: vinsonk211 (root)

OCID: ...42gnoq Show Copy

Created: Mon, Aug 21, 2023, 18:54:48 UTC

License type: Bring your own license (BYOL), Enterprise Edition

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

Mode: Read/write Edit

Resource allocation

ECPU count: 2

Disaster recovery ⓘ

Role: Primary

Local: Backup-based Upgrade to Autonomous Data Guard Switchover

Cross-region: Not enabled

Backup

Automatic backup retention period: 60 days Edit

Total backup storage: -

Last automatic backup: No active backups exist for this database.

Next long-term backup: -

Long-term backup schedule: Schedule

Network

Access type: Allow secure access from everywhere

Access control list: Disabled Edit

Mutual TLS (mTLS) authentication: Required Edit ⓘ





# Autonomous Database licensing

The screenshot displays the Oracle Cloud console interface. On the left, a sidebar shows the navigation menu with 'Overview', 'Autonomous Database', and 'Autonomous Database details'. The main content area is titled 'ATPDEMO' and includes a green 'ATP' logo with the status 'AVAILABLE'. Below the logo, a 'Database actions' button is visible. The 'General information' section lists details such as 'Database name: ATPDEMO', 'Workload type: Transactional', 'Compartment: vinsonk2', 'OCID: ...42gnoq', 'Created: Mon, Aug 21, 2023', 'License type: Bring your own license', 'Database version: 19c', 'Lifecycle state: Available', 'Instance type: Paid', 'Character set: AL32UTF8', 'National character set: AL32UTF8', 'Auto start/stop schedule: None', and 'Mode: Read/write'. The 'Resource allocation' section shows 'ECPU count: 2'.

The 'Update license and Oracle Database Edition' dialog is open, showing the following options:

- Bring Your Own License (BYOL)**: Enabled (toggle switch).
- Choose an Oracle Database edition**:
  - Oracle Database Enterprise Edition (EE)**: User-selected ECPU limit. [Learn more.](#) (checked with a blue checkmark).
  - Oracle Database Standard Edition (SE)**: Up to 32 ECPU's, including auto scale. [Learn more.](#)
- BYOL flexibility**:

BYOL ECPU limits allow you to control how many ECPU's will be covered by BYOL licenses. Use the limit when the number of BYOL licenses you bring may not be enough to cover all of the database ECPU's you have provisioned, including auto-scale, disaster recovery peers, and database tools.

Enable BYOL ECPU limit (toggle switch is off).

At the bottom of the dialog, there are 'Save' and 'Cancel' buttons.

# Autonomous Database licensing

The screenshot displays the Oracle Cloud console interface. At the top, the 'ORACLE Cloud' logo is visible alongside a search bar and navigation links. The main content area is titled 'Update license and Oracle Database Edition' and features a toggle switch for 'Bring Your Own License (BYOL)' which is currently set to 'Enable'. To the left, a sidebar provides details for the 'ATPDEMO' Autonomous Database instance, including its name, workload type (Transact), compartment (vinsonk2), OCID, creation date, license type (Bring your own license), database version (19c), lifecycle state (Available), instance type (Paid), character set (AL32UTF8), national character set, auto start/stop schedule, mode (Read/write), and resource allocation (ECPU count: 2). The instance is marked as 'AVAILABLE' with a green status icon. The bottom of the console shows a 'Save' button and a 'Cancel' link.

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

Overview > Autonomous Database > Autonomous Database details

### Update license and Oracle Database Edition

Bring Your Own License (BYOL) ☒ Enable

**ATPDEMO** • Private

Database actions

Autonomous Database

General information

Database name: ATPDEMO

Workload type: Transact

Compartment: vinsonk2

OCID: ...42gnoq [Show](#)

Created: Mon, Aug 21, 2023

License type: Bring your own license

Database version: 19c

Lifecycle state: Available

Instance type: Paid

Character set: AL32UTF8

National character set: UTF-8

Auto start/stop schedule: Off

Mode: Read/write [Edit](#)

Resource allocation

ECPU count: 2

[Save](#) [Cancel](#)

# Autonomous Database licensing

The screenshot displays the Oracle Cloud console interface for an Autonomous Database (ATP) instance. The instance is named 'ATPDEMO' and is in the 'Primary' state. The 'License type' is highlighted as 'License included'. The console also shows various configuration options and status information.

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

Overview > Autonomous Database > Autonomous Database details

**ATP** AVAILABLE ⓘ

**ATPDEMO** • Primary

Database actions Database connection Performance hub Manage resource allocation More actions ▾

Autonomous Database information Tool configuration Tags

**General information**

- Database name: ATPDEMO
- Workload type: Transaction Processing
- Compartment: vinsonk211 (root)
- OCID: ...42gnoq [Show](#) [Copy](#)
- Created: Mon, Aug 21, 2023, 18:54:48 UTC
- 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](#)
- Mode: Read/write [Edit](#)

**Resource allocation**

ECPU count: 2

**Disaster recovery ⓘ**

- Role: Primary
- Local: Backup-based [Upgrade to Autonomous Data Guard](#) [Switchover](#)
- Cross-region: Not enabled

**Backup**

- Automatic backup retention period: 60 days [Edit](#)
- Total backup storage: -
- Last automatic backup: No active backups exist for this database.
- Next long-term backup: -
- Long-term backup schedule: [Schedule](#)

**Network**

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





