

ORACLE

Oracle APEX on Multicloud

Build AI-powered, mission-critical enterprise apps
faster

Safe harbor statement

The following is intended to outline our general product direction. It is intended for information purposes only, and may not be incorporated into any contract. It is not a commitment to deliver any material, code, or functionality, and should not be relied upon in making purchasing decisions. The development, release, timing, and pricing of any features or functionality described for Oracle's products may change and remains at the sole discretion of Oracle Corporation.

What is Oracle APEX ?

Oracle APEX is trusted worldwide to deliver **mission-critical, data-driven** apps that are secure, scalable, and easy to build.

- Oracle APEX is an **enterprise AI application platform** for building secure, scalable web and mobile applications.
- Trusted by **thousands** of organizations, APEX powers systems that run core business operations every day.
- With **Oracle AI Database** and **Oracle Cloud Infrastructure**, every application inherits built-in reliability, governance, and security.
- APEX helps developers turn **ideas** into **production-ready apps** quickly, without sacrificing control or performance.



The Oracle APEX advantage



Use GenAI to rapidly build apps that meet business objectives

Focus on the intent of the app – not how to code it, and spend less time on maintenance going forward



Add AI to your apps

Add AI capabilities to apps even if you're not an AI expert – giving users flexible options for using apps, and shortening their learning curve



Build enterprise-ready applications

Get the security, scalability, performance and reliability of Oracle Database

APEX is included with Oracle Database at no extra cost

Oracle APEX is Available Everywhere

Oracle APEX is a fully supported no-cost feature of Oracle Autonomous and all Oracle Database editions



Autonomous Databases

- All Autonomous DB workload types
- Autonomous Database for Developers

High-Performance Database Options

- Oracle Base Database Service
- Oracle Exadata Service

Always free tier

- Always Free APEX Service
- Always Free Autonomous Database

All Oracle Database editions

Oracle Exadata

Oracle Database Free

Oracle Database@Multicloud

Amazon RDS for Oracle Database

All other major clouds via VM

Oracle APEX on ADBS: workload-optimized instances

Oracle Autonomous Database Serverless with APEX



Lakehouse

Full ADBS service optimized for analytics and AI workloads



Transaction Processing (ATP)

Full ADBS service optimized for **transactional** and **mixed** workloads

One-click, data-preserving operation:

↑ = Workload Type Conversion



JSON Database

Specialized JSON service, limited relational storage, low price



APEX Service

Specialized APEX service, no SQL*Net connectivity, low price

Advantages of Oracle Database & APEX on Multicloud

Platform Reach

- **AWS:** Exadata Dedicated, Autonomous DB
- **Azure:** Exadata Dedicated, Exascale, Autonomous DB
- **Google Cloud:** Exadata Dedicated, Exascale, Base DB Service, Autonomous DB

Core Advantages

- **Low-Latency:** Database co-located with hyperscaler service
- **Easy Migration:** Zero application/database rewrites
- **Unified Ops:** Single invoice & counts toward cloud commit
- **Seamless Integration:** Native IAM, networking, monitoring

Why APEX Delivers Unmatched Multicloud Value

Preserve your Investment

Develop locally on a free container, deploy to any cloud. Move seamlessly from on-premises to cloud, or between AWS, Azure, and Google Cloud, with minimal infrastructure provisioning.

Reduced Cost of Ownership

No application changes needed when switching cloud providers. Build once, deploy anywhere, eliminating expensive rewrites and accelerating time-to-value across your multicloud estate.

Cloud Flexibility & Innovation

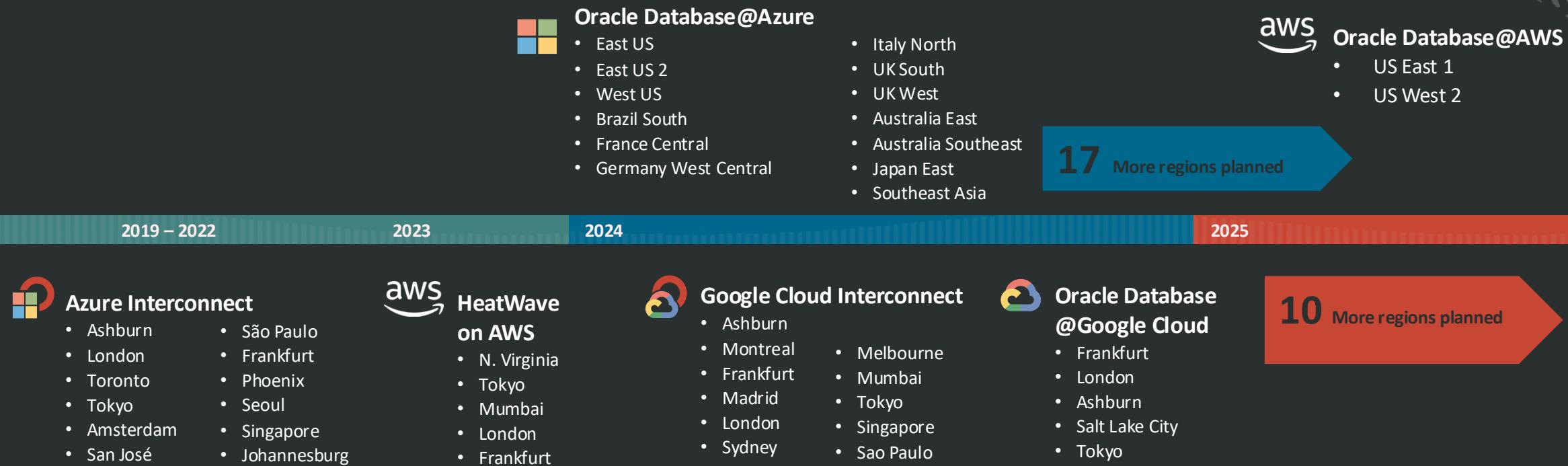
Leverage cutting-edge AI tools from Google Cloud, advanced analytics from Azure, or ML services from AWS, all whilst keeping your Oracle APEX applications portable and your data sovereign.

Enterprise Resilience

Build true Multicloud failover solutions to protect against regional outages. Deploy redundant instances across providers for mission-critical applications requiring maximum uptime.

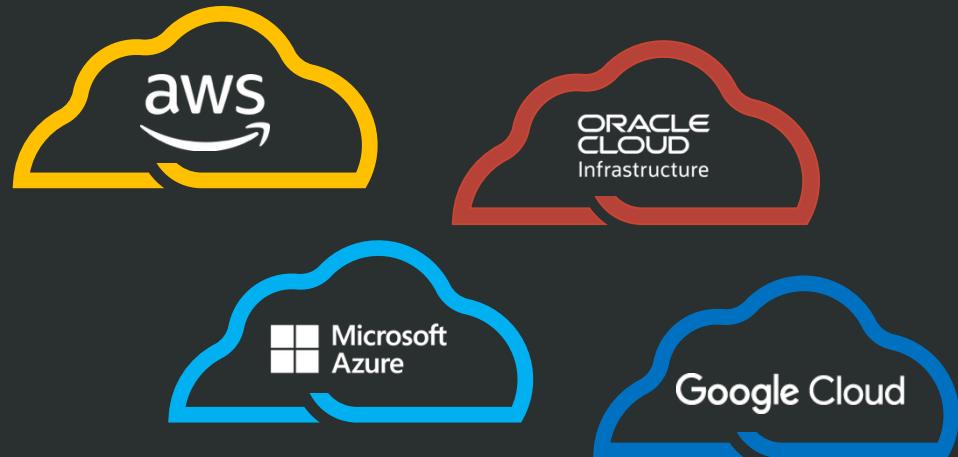
Oracle APEX on Multicloud means meeting customers where they are, no matter which cloud you have adopted, enterprise-grade AI App development platform is ready to accelerate your digital transformation.

We started addressing these scenarios five years ago...



Now you can run your trusted database, as a service, *anywhere*

Run in any hyperscale public cloud



Run cloud on-premises



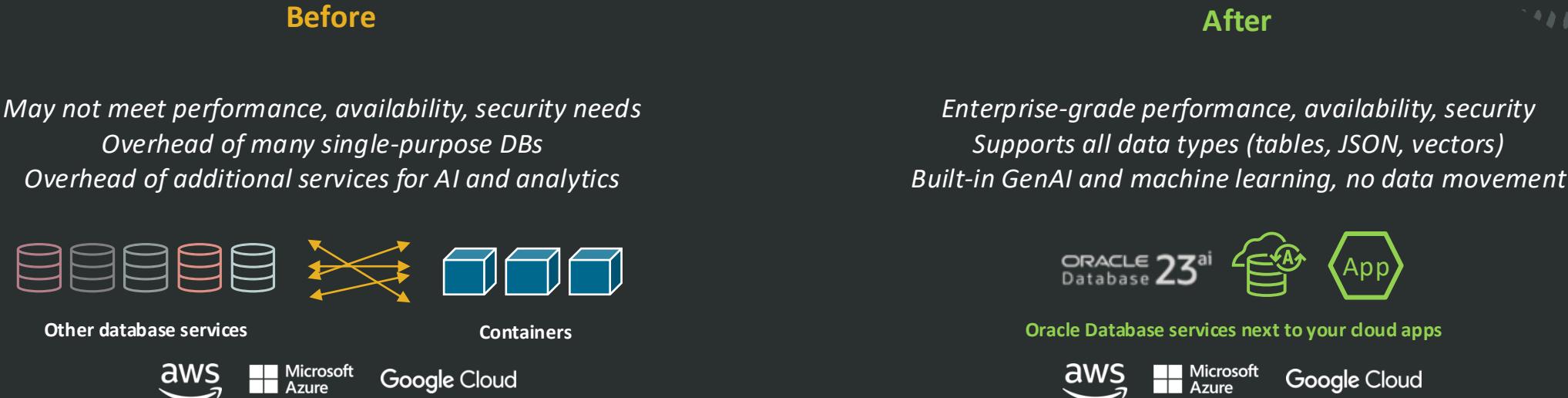
OCI Dedicated Region



Exadata Cloud@Customer

Same Database. Same Features. Same Pricing.

Build new Apps with Oracle Database in hyperscaler dev stack



dun & bradstreet

“With the unparalleled quality of D&B data, we can now seamlessly integrate Oracle Database’s performance, reliability, and scalability with Google Cloud’s powerful analytics and AI tools.”

OCI Oracle Database Service availability

OCI Services	Microsoft Azure	Google Cloud	Amazon Web Services (Planned)	OCI
Regions	East US, East US 2, US West, Central US, Canada Central, UK South, UK West, Germany West Central, France Central, Italy North, Australia East, Australia Southeast, Japan East, Southeast Asia, Brazil South, and planned regions	US-east4, US-west3, Europe-west2, Europe-west3, Asia-northeast1, and planned regions	US-east-1 US-west-2	50 public cloud regions, Dedicated Regions, Cloud@Customer
Oracle Autonomous Database Serverless	✓	✓		✓
Autonomous Transaction Processing, Autonomous Data Warehouse	✓	✓		✓
Autonomous JSON, Application Express (APEX)	✓	✓		✓
Oracle Autonomous Database Serverless Pay-as-you-go	✓	✓		✓
Oracle Autonomous Database Dedicated			✓	✓
Oracle Exadata Database Service	✓	✓	Limited Preview	✓
Oracle Zero Data Loss Autonomous Recovery Service	✓	✓	Planned	✓
Oracle Data Safe	✓	Planned	Planned	✓
Oracle Autonomous Data Guard	✓	Planned	Planned	✓
Oracle GoldenGate	✓	Planned		✓
Oracle Base Database Service	✓	✓		✓
Oracle Interconnect	✓	✓		N/A

Oracle APEX@Azure

Oracle Database@Azure

Region Availability



31

(Regions as of December 2025)

Five additional regions planned within the next 12 months:

- Brazil Southeast
- France South
- North Central US
- South India
- West Europe

Native Services Offered



IAM – Azure AD with SAML



AI/ML - OpenAI Service, Cognitive Services, Machine Learning



Storage Service - Azure Blob Storage for direct file operations

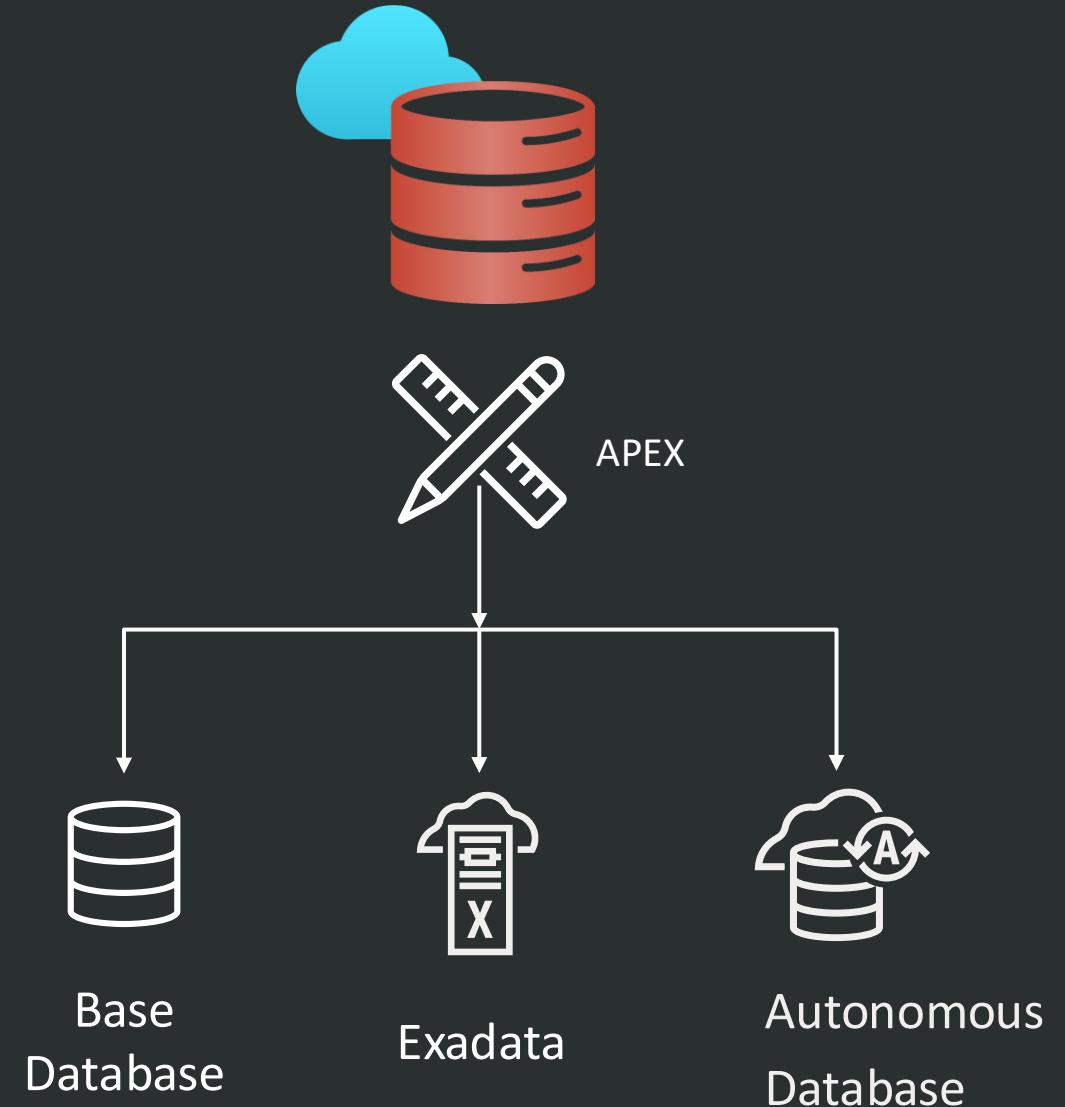


Other Services – Azure Monitoring

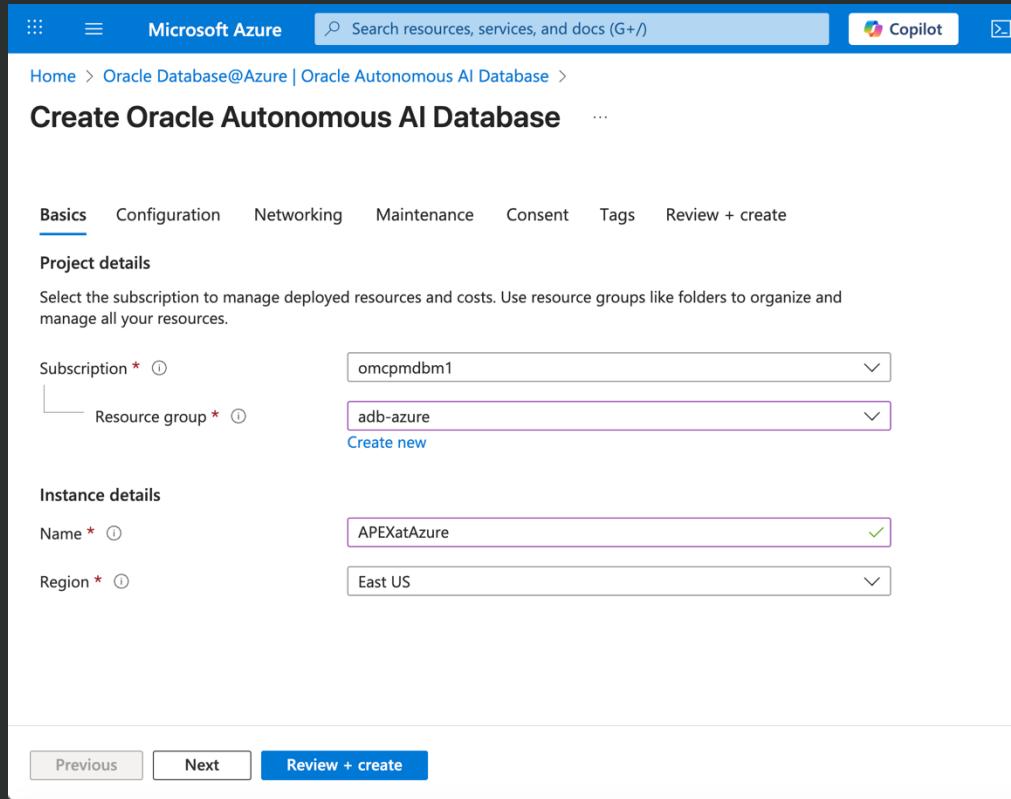
Oracle APEX Availability at Azure

Oracle Database@Azure offers the following Oracle Database services for APEX

- **Oracle Base Database Service**
- **Oracle Autonomous Database** – APEX comes Pre Installed
- **Oracle Exadata Database Service** on Dedicated Infrastructure
- **Oracle Exadata Database Service on Exascale** Infrastructure



How to Provision autonomous Database and APEX on Azure?



Microsoft Azure Search resources, services, and docs (G/) Copilot

Home > Oracle Database@Azure | Oracle Autonomous AI Database >

Create Oracle Autonomous AI Database

Basics Configuration Networking Maintenance Consent Tags Review + create

Project details

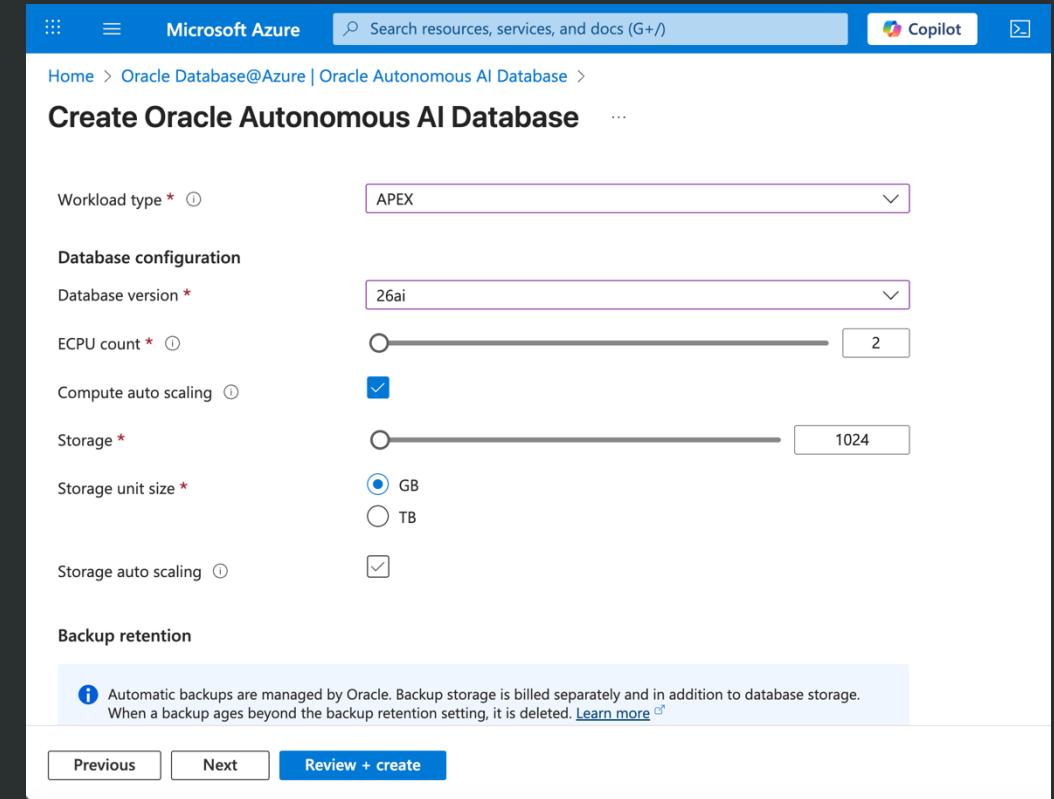
Select the subscription to manage deployed resources and costs. Use resource groups like folders to organize and manage all your resources.

Subscription * Resource group * [Create new](#)

Instance details

Name * Region *

Previous Next Review + create



Microsoft Azure Search resources, services, and docs (G+) Copilot

Home > Oracle Database@Azure | Oracle Autonomous AI Database >

Create Oracle Autonomous AI Database

Workload type *

Database configuration

Database version *

ECPUs *

Compute auto scaling

Storage *

Storage unit size * GB TB

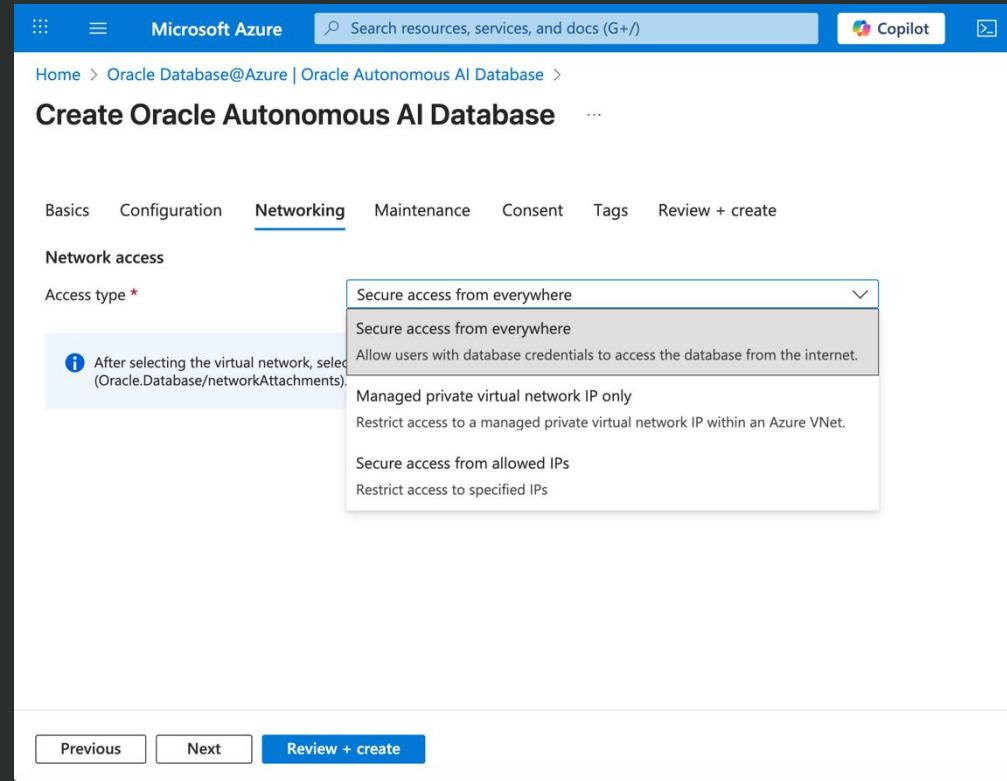
Storage auto scaling

Backup retention

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](#)

Previous Next Review + create

How to Provision autonomous Database and APEX on Azure?



Microsoft Azure Copilot

Home > Oracle Database@Azure | Oracle Autonomous AI Database >

Create Oracle Autonomous AI Database

Basics Configuration **Networking** Maintenance Consent Tags Review + create

Network access

Access type *

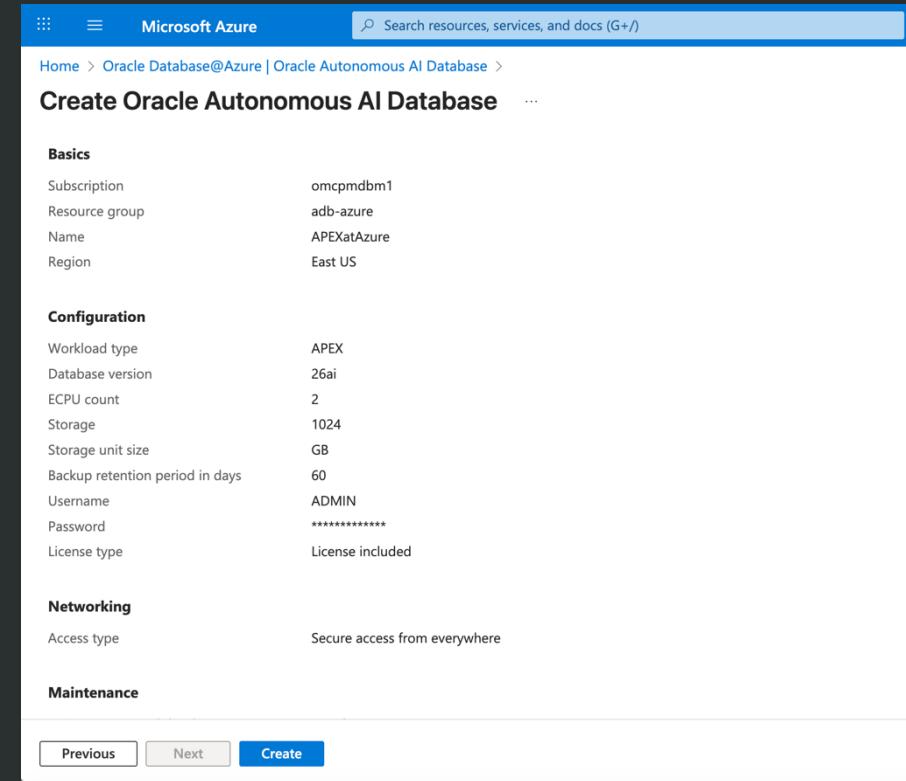
- Secure access from everywhere
- Managed private virtual network IP only
- Secure access from allowed IPs

Secure access from everywhere

Allow users with database credentials to access the database from the internet.

ⓘ After selecting the virtual network, select the database network attachments (Oracle.Database/networkAttachments).

Previous Next **Review + create**



Microsoft Azure

Home > Oracle Database@Azure | Oracle Autonomous AI Database >

Create Oracle Autonomous AI Database

Basics

Subscription	omcpmdbm1
Resource group	adb-azure
Name	APEXatAzure
Region	East US

Configuration

Workload type	APEX
Database version	26ai
ECPU count	2
Storage	1024
Storage unit size	GB
Backup retention period in days	60
Username	ADMIN
Password	*****
License type	License included

Networking

Access type	Secure access from everywhere
-------------	-------------------------------

Maintenance

Previous Next **Create**

Oracle APEX@AWS

Oracle Database@AWS

Region Availability



5

Regions as of
December
2025

20 additional AWS regions planned, including

- US West (N. California)
- Asia Pacific
- Europe
- South America

- US East N. Virginia
- US West Oregon
- US East (Ohio)
- Frankfurt

Native Services Offered



IAM – AWS IAM



AI/ML - Bedrock, SageMaker, Rekognition



Storage Service - AWS S3 via REST APIs or SDK

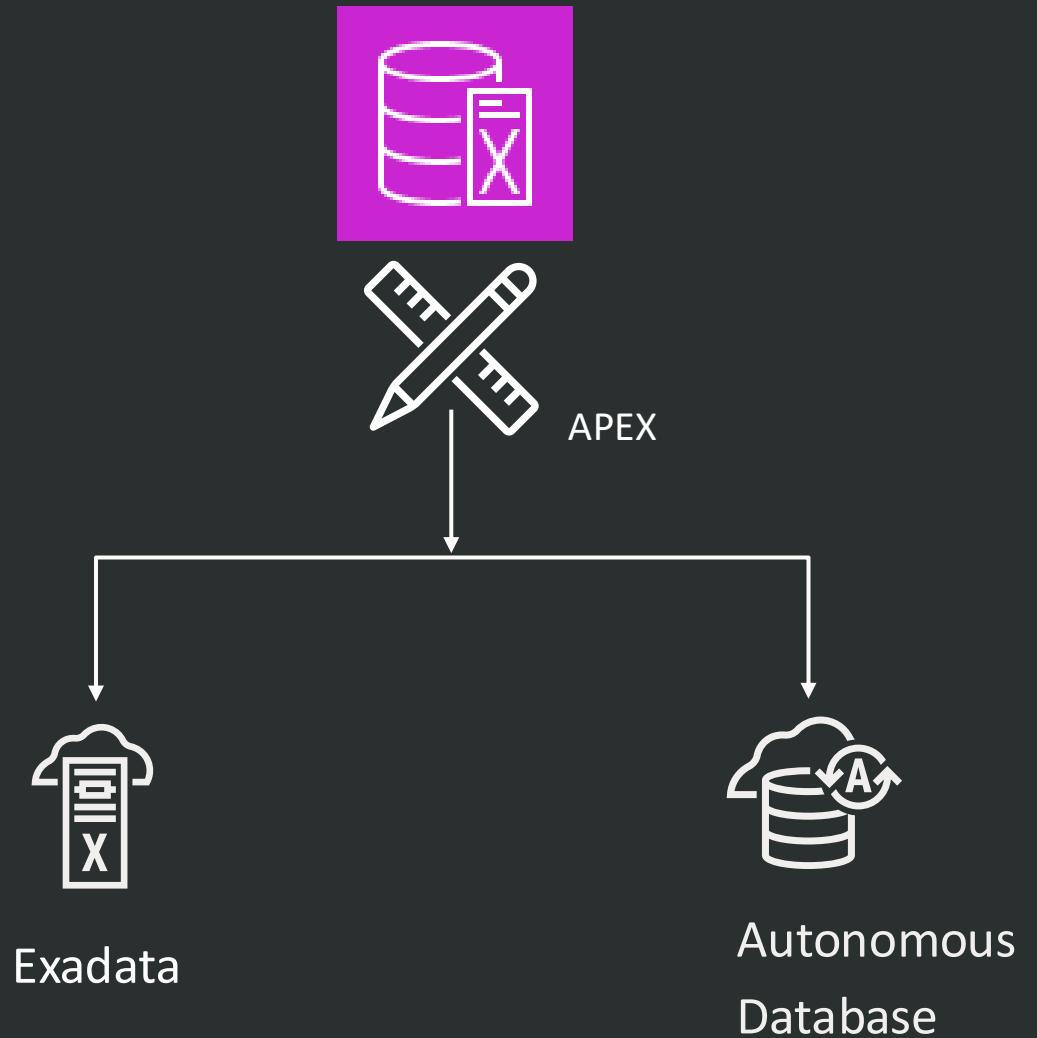


Other Services – AWS CloudWatch for Monitoring,
Event Bridge for Automation

Oracle APEX Availability at AWS

Oracle Database@AWS offers the following Oracle Database services for APEX

- **Oracle Autonomous Database** – APEX comes Pre-Installed
- **Oracle Exadata Database Service on Exascale** Infrastructure



How to Provision APEX Application Development Service in AWS?

Database software image

A database software image is a file containing a pre-configured Oracle Database software version, used to make software installation quicker and easier. Oracle-published images are generally available versions of Oracle Database. Custom database images are user-configured versions of Oracle Database that contain a specified list of software updates and patches. [Learn more](#).

Image Type

Oracle Database Software Images
These images contain generally available versions of Oracle Database software.

Custom Database Software Images
These images are created by your organization and contain customized configurations of software updates and patches.

Display all available versions
 Use this switch to choose from all available PSUs and RUs. The most recent release for each major version is indicated with "(latest)".

Warning
Oracle recommends that you use the latest version of the database. An older version might not include important security updates. See [About Using Older Versions](#) to learn more.

Search and Filter Search

Oracle Database version

- 23.8.0.25.04 (latest)
- 23.7.0.25.01
- 23.6.0.24.10
- 23.5.0.24.07
- 19.27.0.0 (latest)
- 19.26.0.0
- 19.25.0.0

Create database

Create administrator credentials

Username sys

Password Required

Confirm password Required

Use the administrator password for the TDE wallet
If you are going to use customer-managed keys stored in a vault, the TDE wallet is not applicable.

Database backups

Enable automatic backups 

Automatic backup is the preferred method for backing up Oracle Cloud databases. [Learn more](#).

Backup destination Amazon S3 Required

Backup retention period 30 days Required

Deletion options after database termination
Terminating a database will remove the database and retain backups per the choice below. [Learn more](#).

Retain backups per backup retention period

Retain backups for 72 hours, then delete

Oracle APEX@GCP

Oracle Database@GCP

Region Availability



11

Regions as of
December
2025

9 additional GCP regions planned within next 12 months

- Australia-Southeast 2 (Melbourne)
- NA-Northeast 1 (Montreal)
- US Central 1 (Iowa)
- Asia-Northeast 1 (Tokyo)
- Germany Central (Frankfurt)
- UK South (London)
- US East (Ashburn)
- US West (Salt Lake City)

Native Services Offered



IAM – Google Identity(SAML)



AI/ML - Vertex AI, Vision AI, Natural Language API



Storage Service - Google Cloud Storage using API-based access

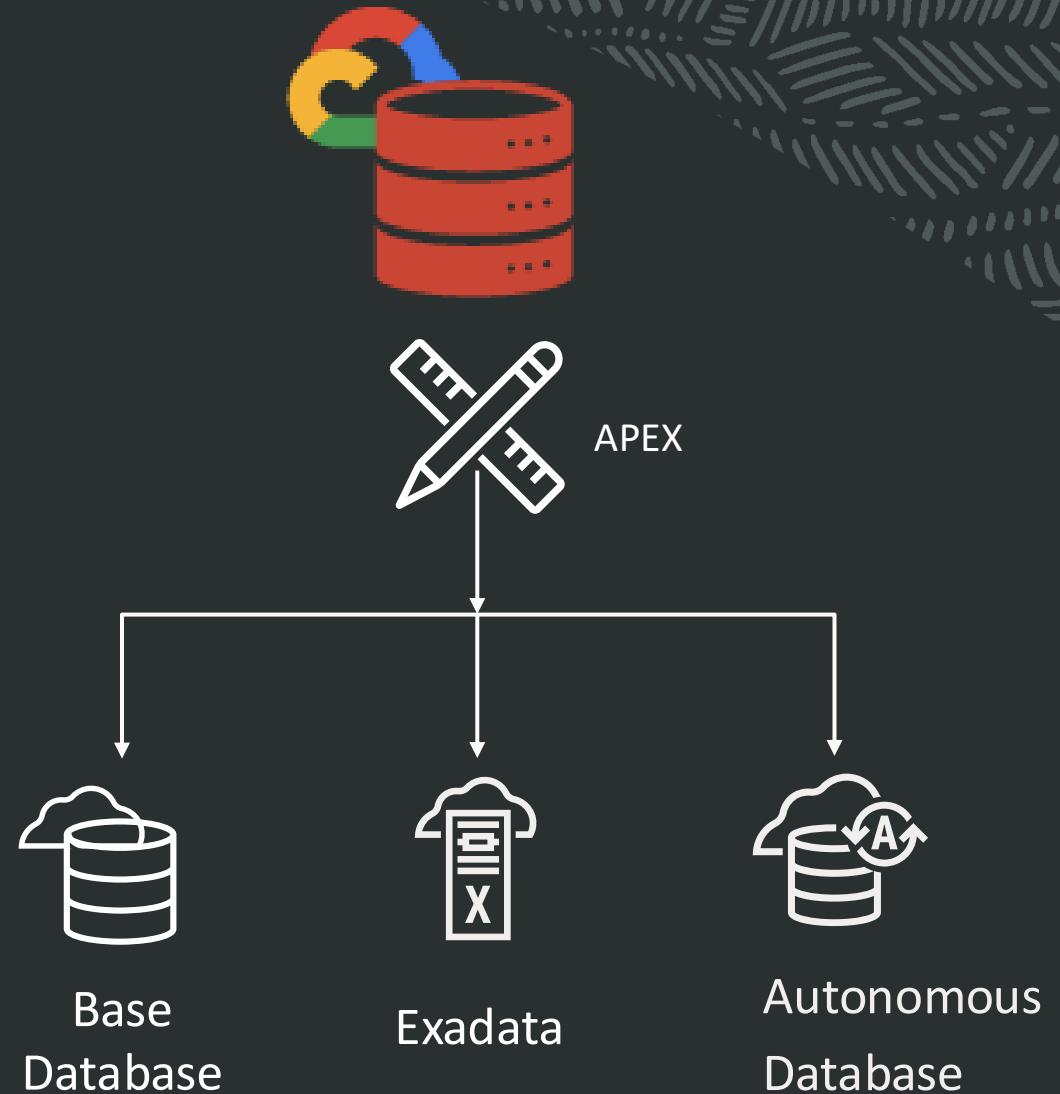


Other Services – Google Cloud Observability for monitoring, Google Cloud API, CLI, and SDK for resource management

Oracle APEX Availability at GCP

Oracle Database@GCP offers the following Oracle Database services for APEX:

- **Oracle Base Database Service**
- **Oracle Autonomous Database** – APEX comes Pre Installed
- **Oracle Exadata Database Service** on Dedicated Infrastructure
- **Oracle Exadata Database Service on Exascale Infrastructure**



How to provision autonomous Database and APEX on GCP?

Google Cloud APEX-Dev-Demo Search (/) for resources, docs, products, and more Search

Oracle Database@Google Cloud / Autonomous Database / Create Autonomous Database

Create an Autonomous Database

Instance details

Instance ID * apexdemo
ID is permanent.

Database name * apexdemo
The name must contain only letters and numbers, starting with a letter. Max 30 characters.

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

Region us-east4
Region choice is permanent.

Oracle Cloud account abdsdev

Workload configuration

Oracle Database@Google Cloud / Autonomous Database / Create Autonomous Database

Create an Autonomous Database

Workload configuration

Choose a workload type

Data Warehouse
Built for decision support and data warehouse workload. 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 application with database included.

Create an Autonomous Database

Networking

Choose the network access for your Autonomous Database.

Access type

Secure access from everywhere
Allow internet access using database credentials and a connection wallet.

Secure access from allowed IPs only
Restrict access to specific IPs and/or CIDRs.

Private endpoint access only
Restrict access to a private endpoint within a VPC.

Require mutual TLS (mTLS) authentication ?
If enabled, mTLS will be required to authenticate connections to your Autonomous Database.



Oracle is constantly updating Autonomous AI Database, including APEX and ORDS. If you use Azure, AWS or Google Cloud, you can now benefit, too.

Oracle APEX Training & Certification

Your Path to Master Oracle APEX

apex.oracle.com/go/training

Start Your Journey

Whether you are new to APEX or looking to advance your skills, we have the resources you need to succeed.

APEX Foundations

Build a solid base with our foundational course designed for beginners.

- <https://apex.oracle.com/go/foundations>

APEX Developer Professional Learning Path

Take your expertise to the next level with our comprehensive professional certification program combining core development and AI capabilities.

- <https://apex.oracle.com/go/professional>
- <http://apex.oracle.com/go/ai-learn>

Get Certified

Earn your official Oracle certification and stand out in the marketplace.

- <https://apex.oracle.com/go/professional-ai-lp>



Oracle APEX Professional Learning Path

Learning path consists of two key courses



Oracle APEX Developer Professional

Master the fundamentals of building powerful low-code applications. Learn to create secure, scalable web and mobile apps with industry best practices.

<https://apex.oracle.com/go/professional>



Oracle APEX: Empowering Low Code Apps with AI

Unlock the future of development by integrating AI and GenAI capabilities into your APEX applications for smarter, more intuitive solutions.

<http://apex.oracle.com/go/ai-learn>

#ORACLE

#LOWCODE

#ORCLAPEX

#ORCLAPEXCERTIFIED

#ORACLECERTIFIED

#AI

#GENAI



Get Oracle APEX Certified!

apex.oracle.com/go/professional-ai-lp



Validate Your Expertise

Stand out in competitive job markets by proving your Oracle APEX low-code development skills with official certification.

Showcase Low-Code Development Skills

Highlight your proficiency in modern low-code application development techniques and methodologies.

Unlock Career Opportunities

Open doors to new roles and advancement with the prestigious Oracle APEX Cloud Developer Professional certification.

Master Best Practices

Demonstrate your understanding of building secure, scalable web and mobile applications with world-class features deployable anywhere—cloud or on-premises.

Gain AI-Powered Development Expertise

Enhance your capabilities in AI-powered and GenAI-enabled low-code application development.

#Oracle #LowCode #orclAPEX #orclAPEXCertified #OracleCertified #AI #GenAI

Become a Certified Oracle APEX Developer Professional

apex.oracle.com/go/professional-ai-lp

1

Register

Login and Subscribe to the Learning Path for Free

2

Complete the first Course

Complete the Oracle APEX Professional Course along with Hands-on Labs

3

Complete the Second Course

Complete the Oracle APEX: Empowering Enterprise Apps with AI Course along with the Hands-on Labs

4

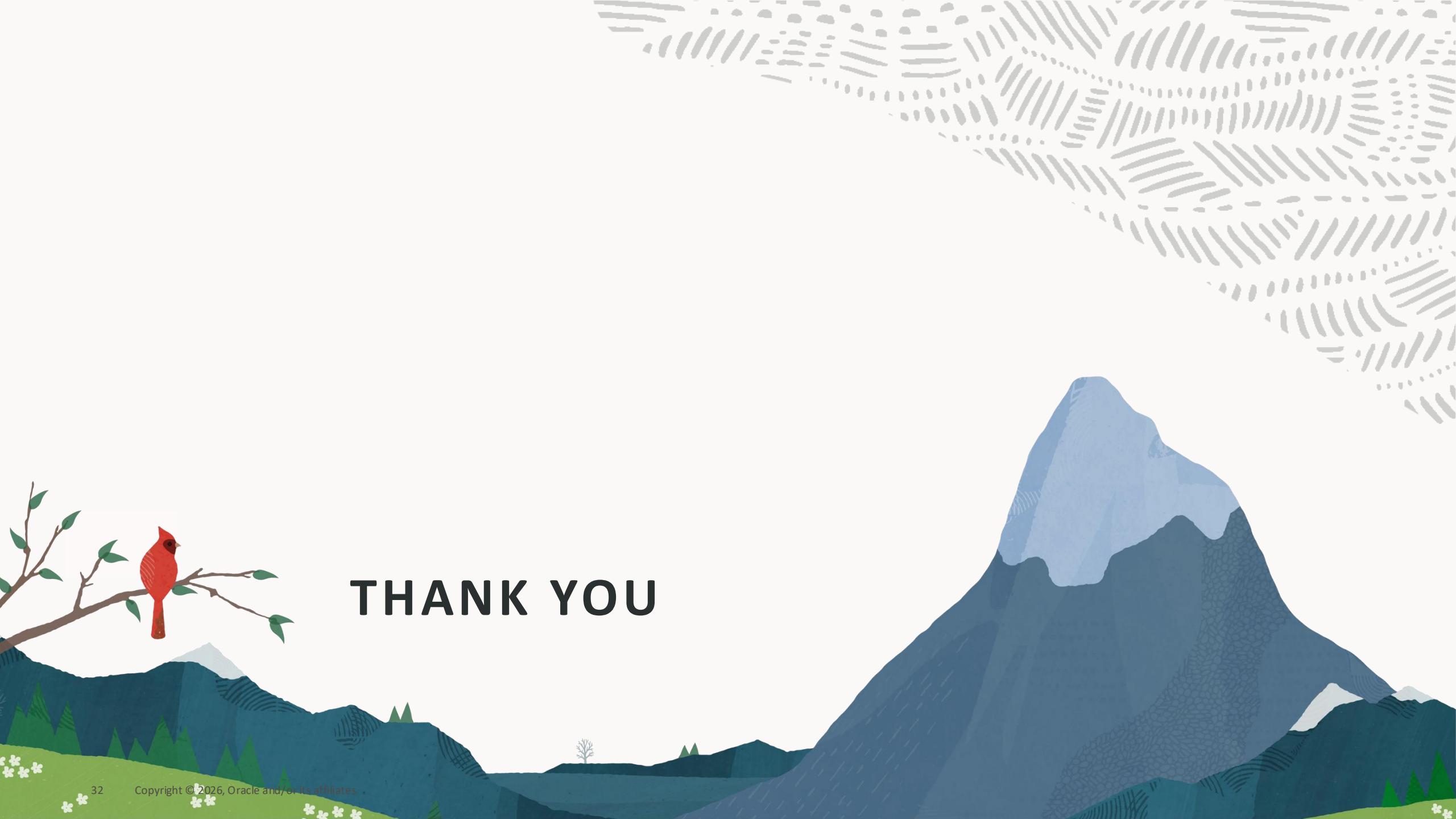
Prepare for the Certification

Take up the Practice Exam and self asses your Skills

5

Get Certified

Pass the exam and earn your Badge!



THANK YOU

ORACLE