



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** ?

---

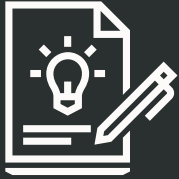
Oracle APEX is trusted worldwide to deliver **mission-critical**, **data-driven** apps that are secure, scalable, and easy to build.

- 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



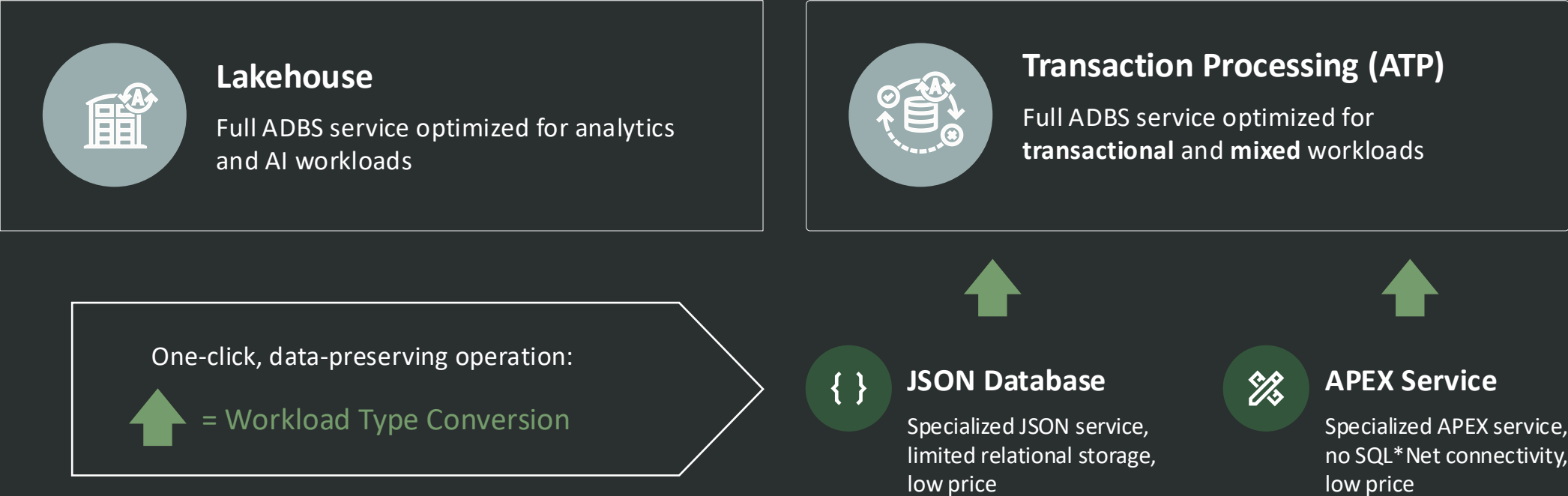
- ✓ Autonomous Databases
  - All Autonomous DB workload types
  - Autonomous Database for Developers
- ✓ High-Performance Database Options
  - Oracle Base Database Service
  - Oracle Exadata Service
- ✓ Always free tier
  - Always Free APEX Service
  - Always Free Autonomous Database

- ✓ 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



# 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...

**Oracle Database@Azure**


- East US
- East US 2
- West US
- Brazil South
- France Central
- Germany West Central
- Italy North
- UK South
- UK West
- Australia East
- Australia Southeast
- Japan East
- Southeast Asia

**Oracle Database@AWS**


- US East 1
- US West 2

**17** More regions planned




**Azure Interconnect**


- Ashburn
- London
- Toronto
- Tokyo
- Amsterdam
- San José
- São Paulo
- Frankfurt
- Phoenix
- Seoul
- Singapore
- Johannesburg

**HeatWave on AWS**

- N. Virginia
- Tokyo
- Mumbai
- London
- Frankfurt

**Google Cloud Interconnect**

- Ashburn
- Montreal
- Frankfurt
- Madrid
- London
- Sydney
- Melbourne
- Mumbai
- Tokyo
- Singapore
- Sao Paulo

**Oracle Database @Google Cloud**

- Frankfurt
- London
- Ashburn
- Salt Lake City
- Tokyo

**10** More regions planned



# 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

## Before

*May not meet performance, availability, security needs*  
*Overhead of many single-purpose DBs*  
*Overhead of additional services for AI and analytics*



aws Microsoft Azure Google Cloud

## After

*Enterprise-grade performance, availability, security*  
*Supports all data types (tables, JSON, vectors)*  
*Built-in GenAI and machine learning, no data movement*



Oracle Database services next to your cloud apps

aws Microsoft Azure Google Cloud

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
<b>Regions</b>	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
<b>Oracle Autonomous Database Serverless</b>	✓	✓		✓
Autonomous Transaction Processing, Autonomous Data Warehouse	✓	✓		✓
Autonomous JSON, Application Express (APEX)	✓	✓		✓
<b>Oracle Autonomous Database Serverless Pay-as-you-go</b>	✓	✓		✓
<b>Oracle Autonomous Database Dedicated</b>			✓	✓
<b>Oracle Exadata Database Service</b>	✓	✓	Limited Preview	✓
<b>Oracle Zero Data Loss Autonomous Recovery Service</b>	✓	✓	Planned	✓
<b>Oracle Data Safe</b>	✓	Planned	Planned	✓
<b>Oracle Autonomous Data Guard</b>	✓	Planned	Planned	✓
<b>Oracle GoldenGate</b>	✓	Planned		✓
<b>Oracle Base Database Service</b>	✓	✓		✓
<b>Oracle Interconnect</b>	✓	✓		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

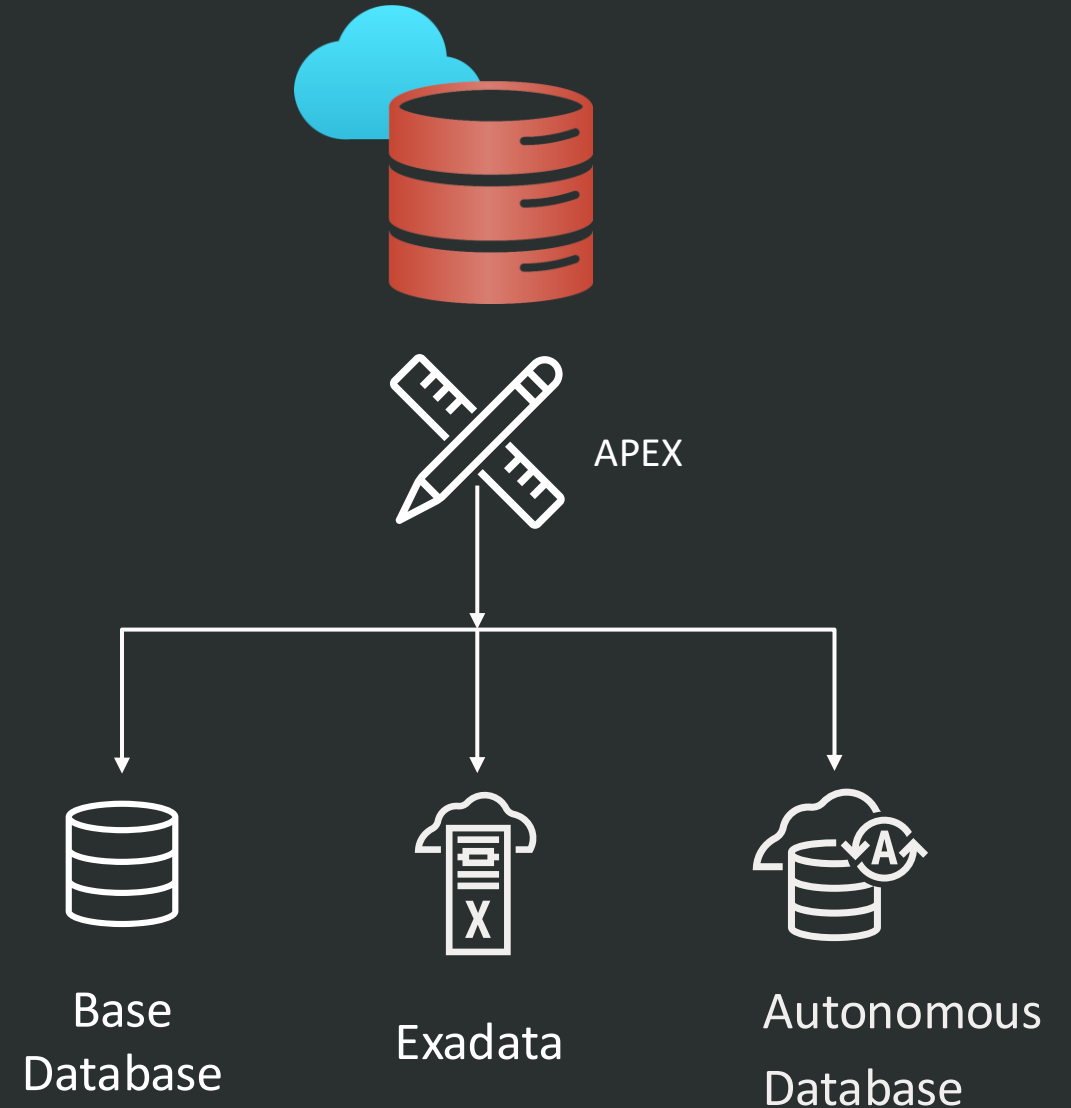


**Other Services** – Azure Monitoring

# 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 \* ⓘ

omcpmdbm1

Resource group \* ⓘ

adb-azure

Create new

Instance details

Name \* ⓘ

APEXatAzure

Region \* ⓘ

East US

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 \* ⓘ

APEX

Database configuration

Database version \*

26ai

ECPU count \* ⓘ

2

Compute auto scaling ⓘ

☒

Storage \*

1024

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

Search resources, services, and docs (G+/I)

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

Secure access from everywhere

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

Managed private virtual network IP only

Restrict access to a managed private virtual network IP within an Azure VNet.

Secure access from allowed IPs

Restrict access to specified IPs

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

Previous

Next

Review + create

Microsoft Azure

Search resources, services, and docs (G+/I)

Copilot

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

Create Oracle Autonomous AI Database ...

Basics

Configuration

Networking

Maintenance

Subscription

Resource group

Name

Region

omcpmdbm1

adb-azure

APEXatAzure

East US

Workload type

Database version

ECPU count

Storage

Storage unit size

Backup retention period in days

Username

Password

License type

APEX

26ai

2

1024

GB

60

ADMIN

\*\*\*\*\*

License included

Access type

Secure access from everywhere

Previous

Next

Create



# Oracle APEX@AWS

# Oracle Database@AWS

## Region Availability



5

Regions as of  
December  
2025

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

20 additional AWS regions planned, including

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

## Native Services Offered



**IAM** – AWS IAM



**AI/ML** - Bedrock, SageMaker, Rekognition



**Storage Service** - AWS S3 via REST APIs or SDK

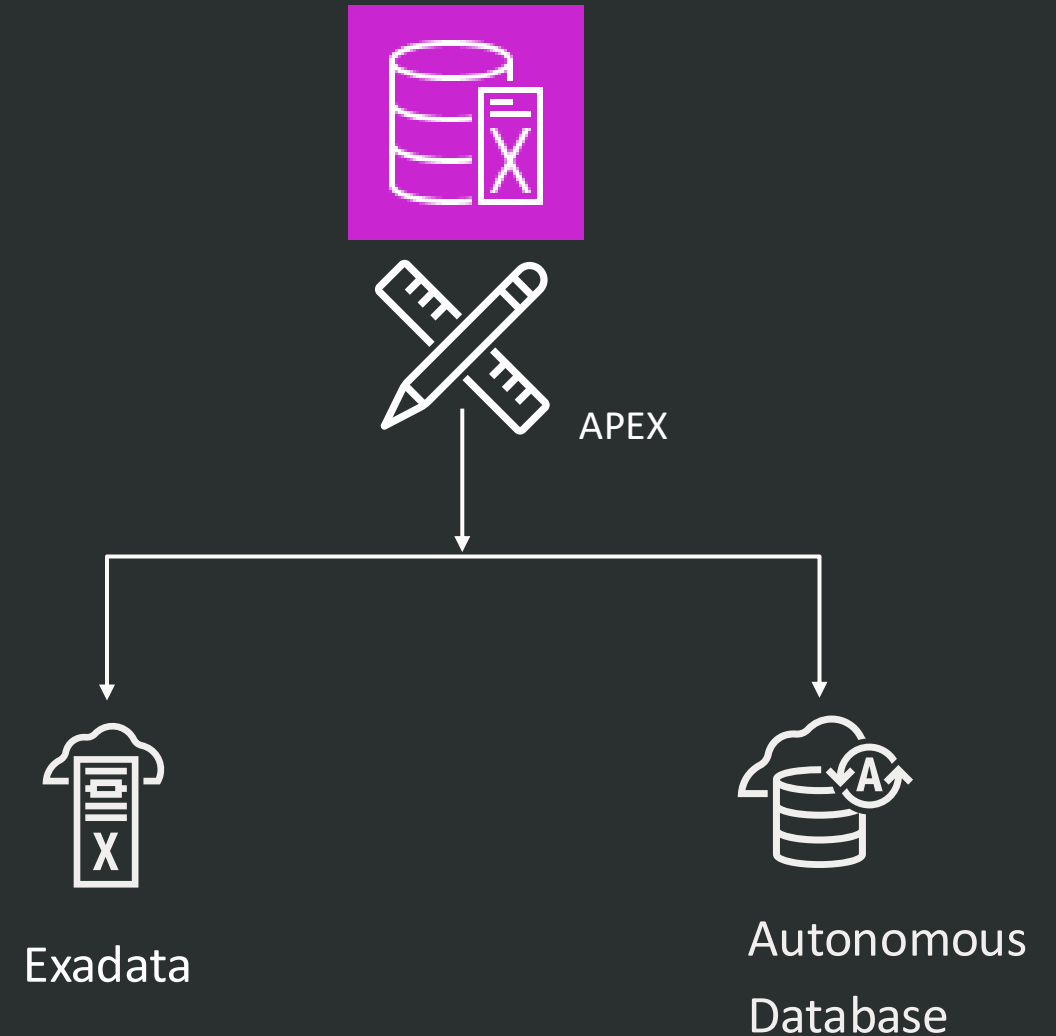


**Other Services** – AWS CloudWatch for Monitoring, Event Bridge for Automation

# 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

- 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)

9 additional GCP regions planned within next 12 months

## 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

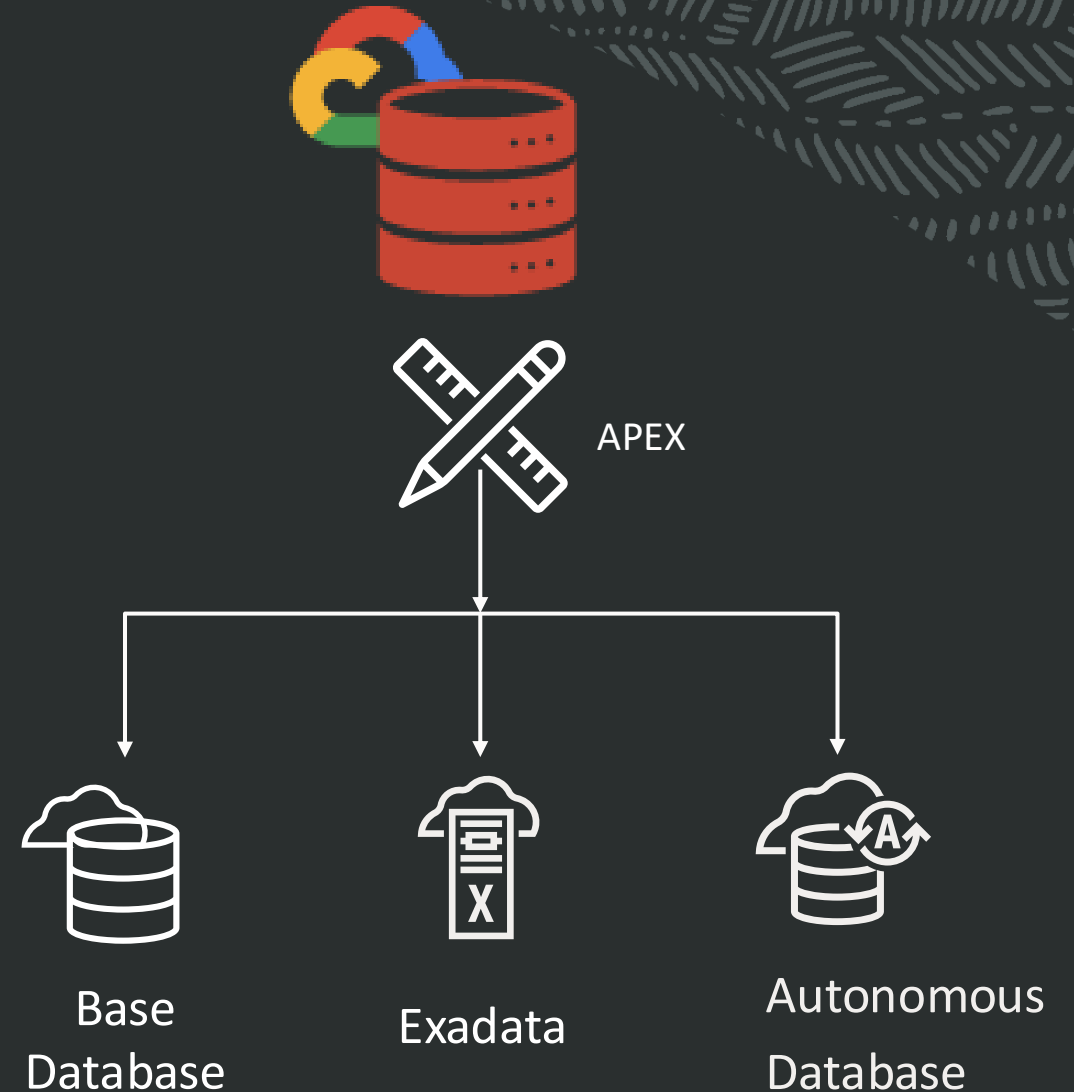


**Other Services** – Google Cloud Observability for monitoring, Google Cloud API, CLI, and SDK for resource management

# 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

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  
adbsdev

### 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](https://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](https://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](https://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 assess your Skills

5

**Get Certified**

Pass the exam and earn your Badge!

The background features a stylized landscape. On the left, a red cardinal perches on a brown branch with green leaves. Below the branch is a green hill with small white flowers. In the center, there are dark blue mountains. On the right, a large, prominent mountain peak is shown in shades of blue and white. The top right corner is filled with a pattern of white, curved, dashed lines on a light gray background, resembling a stylized sun or clouds.

# THANK YOU



ORACLE