

# What's New and Next for Oracle Cloud Infrastructure

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“ Being  
**BOLD**  
is the way to win.”

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Safra Catz

# Adoption in the last 15 years



Public cloud

32%



Smart Phone

91%

# Oracle Cloud Infrastructure

Removing adoption barriers.  
Where you need it.



**Demanding  
Workloads**



**Security**  
at every layer



**Reliability**  
99.9% SLA

Let's talk about the future of cloud

A robust  
cloud

Where you  
need it

That works  
well with others

We built OCI with  
a specific focus

Demanding  
workloads

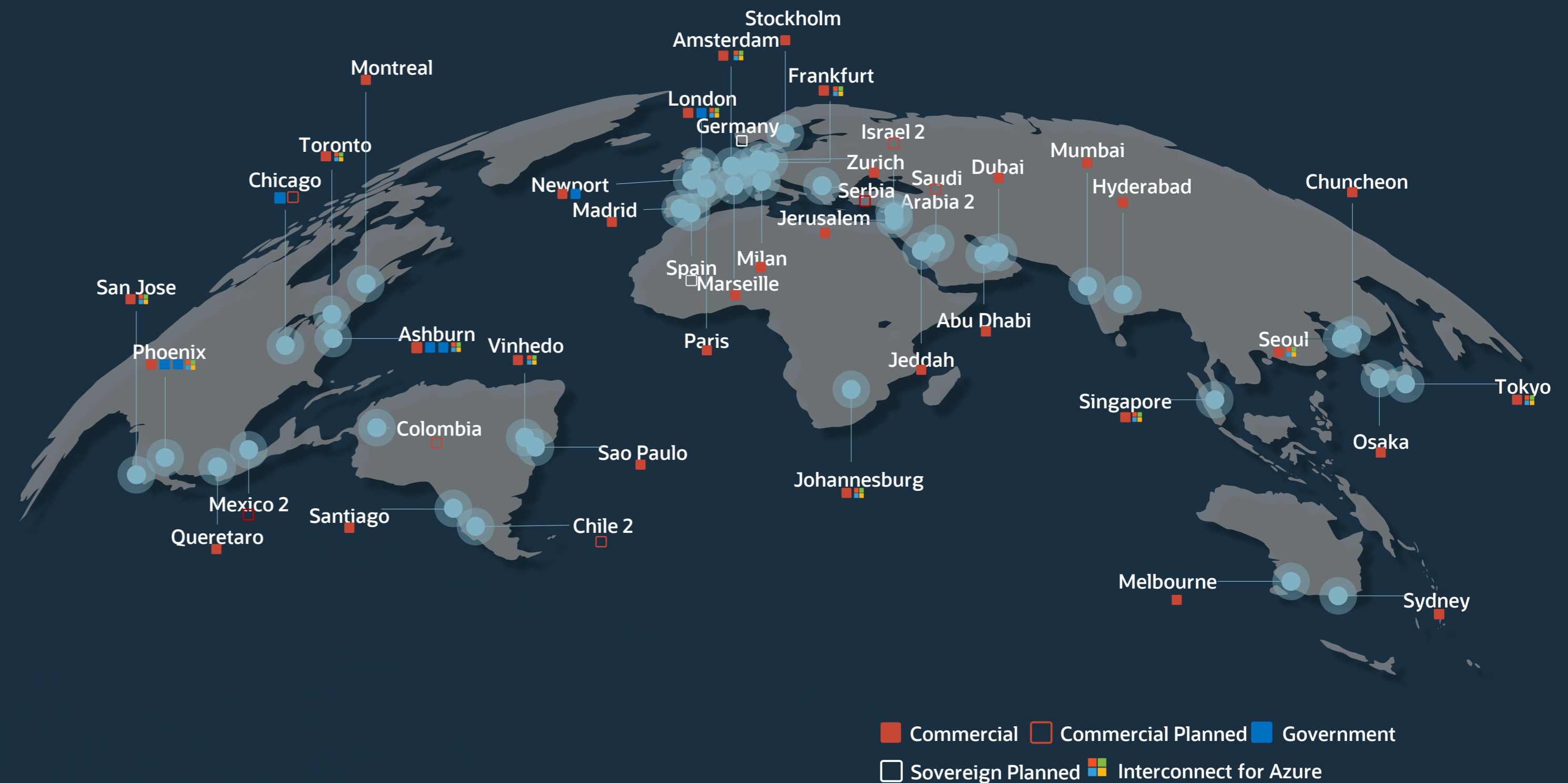
Highest  
security

Performance  
and efficiency

# Oracle Cloud Infrastructure Global Footprint

41 Oracle Cloud Regions now  
9 planned regions

- Excluding our Sovereign Cloud Regions and National Security Cloud Regions





# How We Respond to Customers' Demands

## What we've heard from customers

*"I cannot ensure, performance, isolation and security on the cloud"*

*"One cloud is rarely the answer"*

*"It's too hard to migrate most of our apps"*

*"We've made significant investments in specific technologies, and don't want to change."*

*"We want to use our data more effectively"*



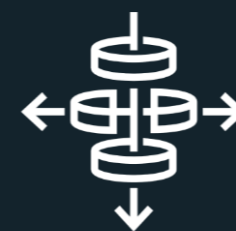
*OCI's distributed cloud provides the flexibility to consume cloud services across a choice of clouds and locations*



*OCI's architecture gives enterprise apps the security, performance, and scale without costly re-architectures*



*Services to easily run third-party, open-source, or cloud native applications*



*Build or improve any data management strategy, with unique capabilities to converge data*

# OCI's Unique Architecture



**Flex infrastructure**

Precise resource fit



**Off-box virtualization**

Isolation for security, performance, and economics.

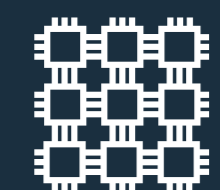


**Nonblocking networks**



**L2 network virtualization**

Network optimized for performance and service reliability



**RDMA cluster networking**

# Powers New and Existing Workloads

## Traditional apps

Performance, elastic benefits without re-architecture, modernize incrementally

## HPC / Machine Learning

Scale up to 20,000 CPUs or 512 GPUs in a cluster

## Compute-intensive apps

Bare metal instances for CPU and GPUs

## Network-intensive apps

No network contention, consistent network performance, lowest cost outbound in the market

## Critical databases

Native database clustering, scale up to PBs and thousands of cores

\*OCI (Oracle Cloud Infrastructure)



OCI is great for  
Oracle workloads



**TOYOTA**

**FedEx**<sup>®</sup>

**TATA MOTORS**  
Connecting Aspirations

OCI is great for  
all workloads

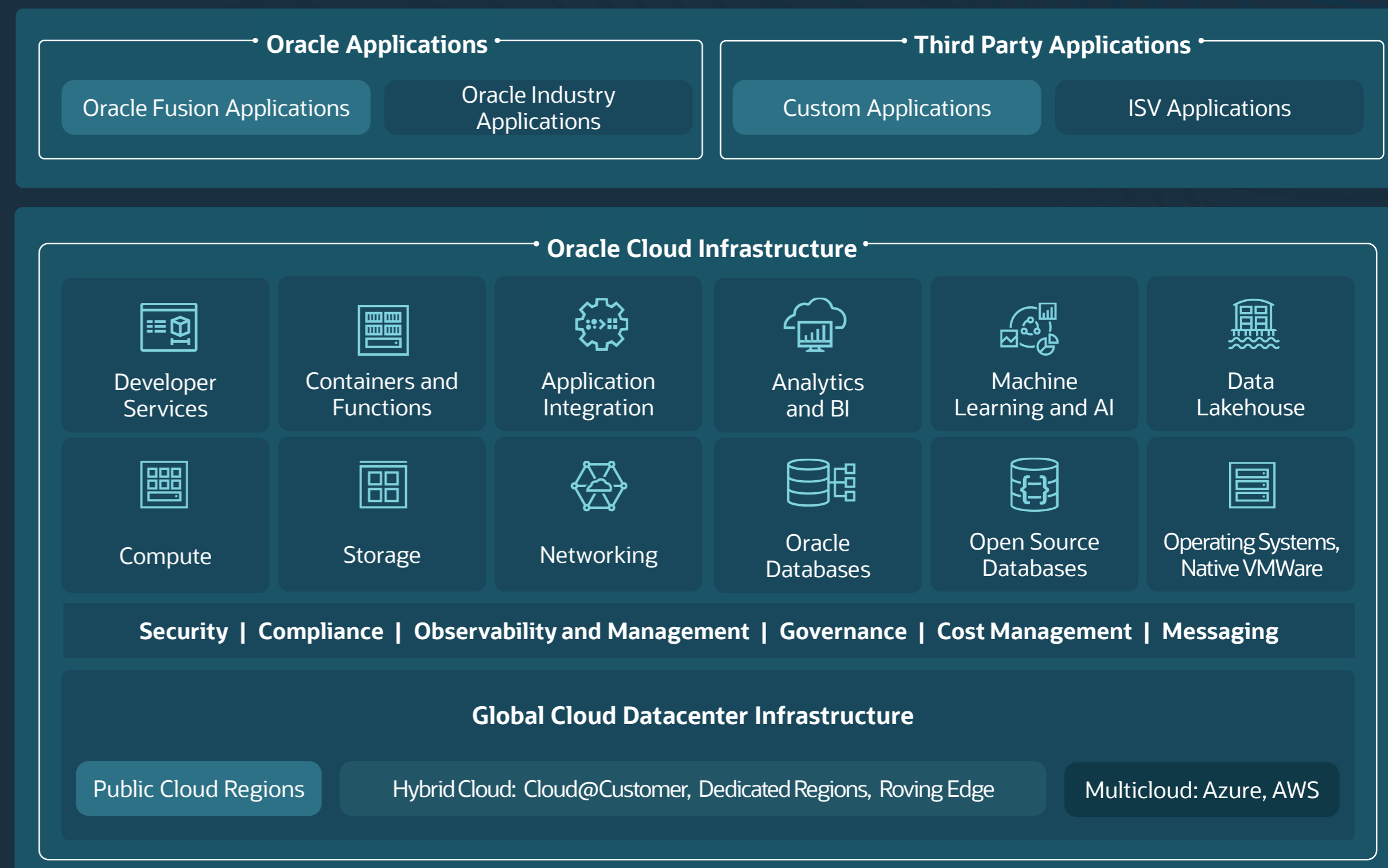


# And there's more innovation to come

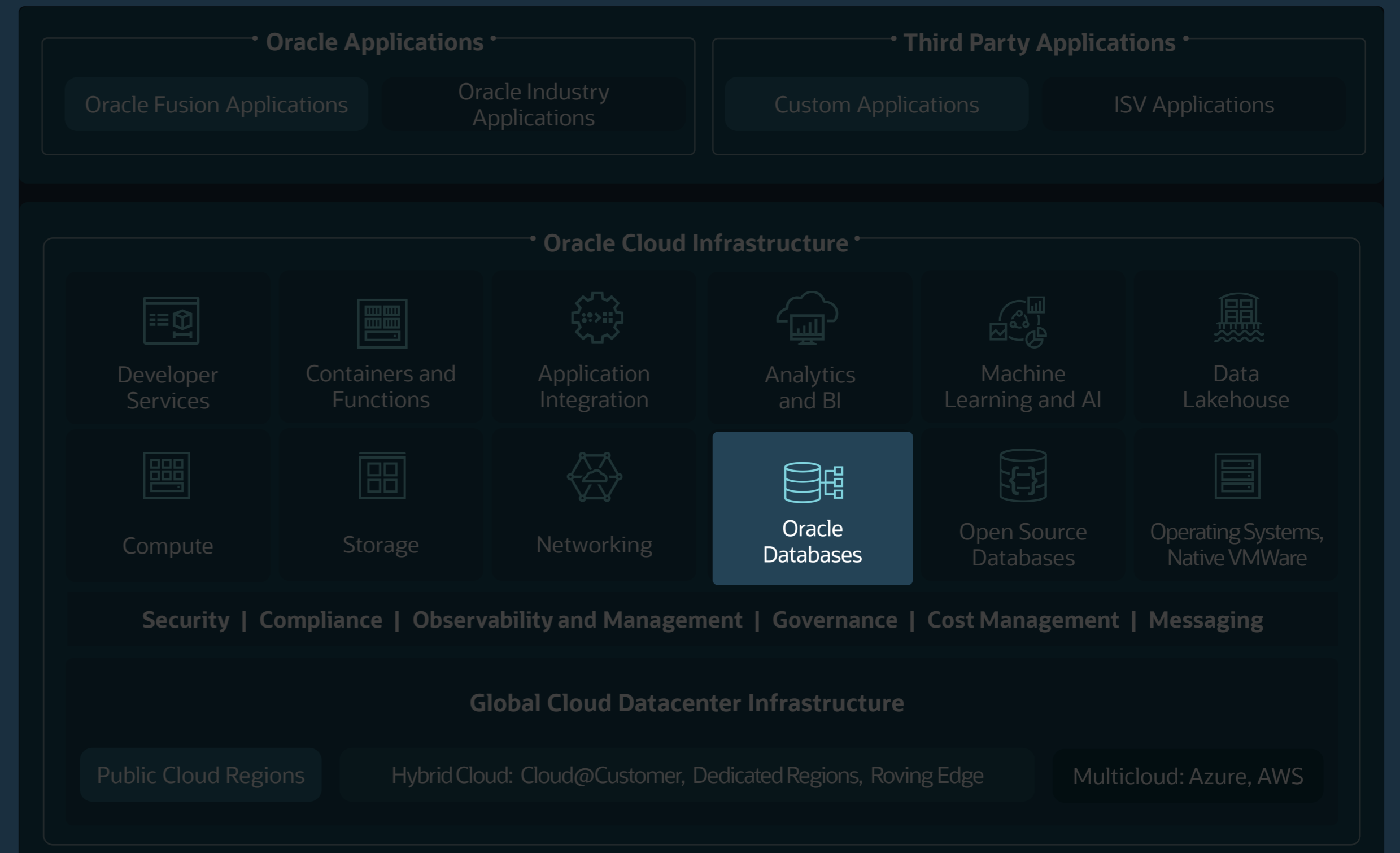
**105 services**

**260 features launched in the last year**

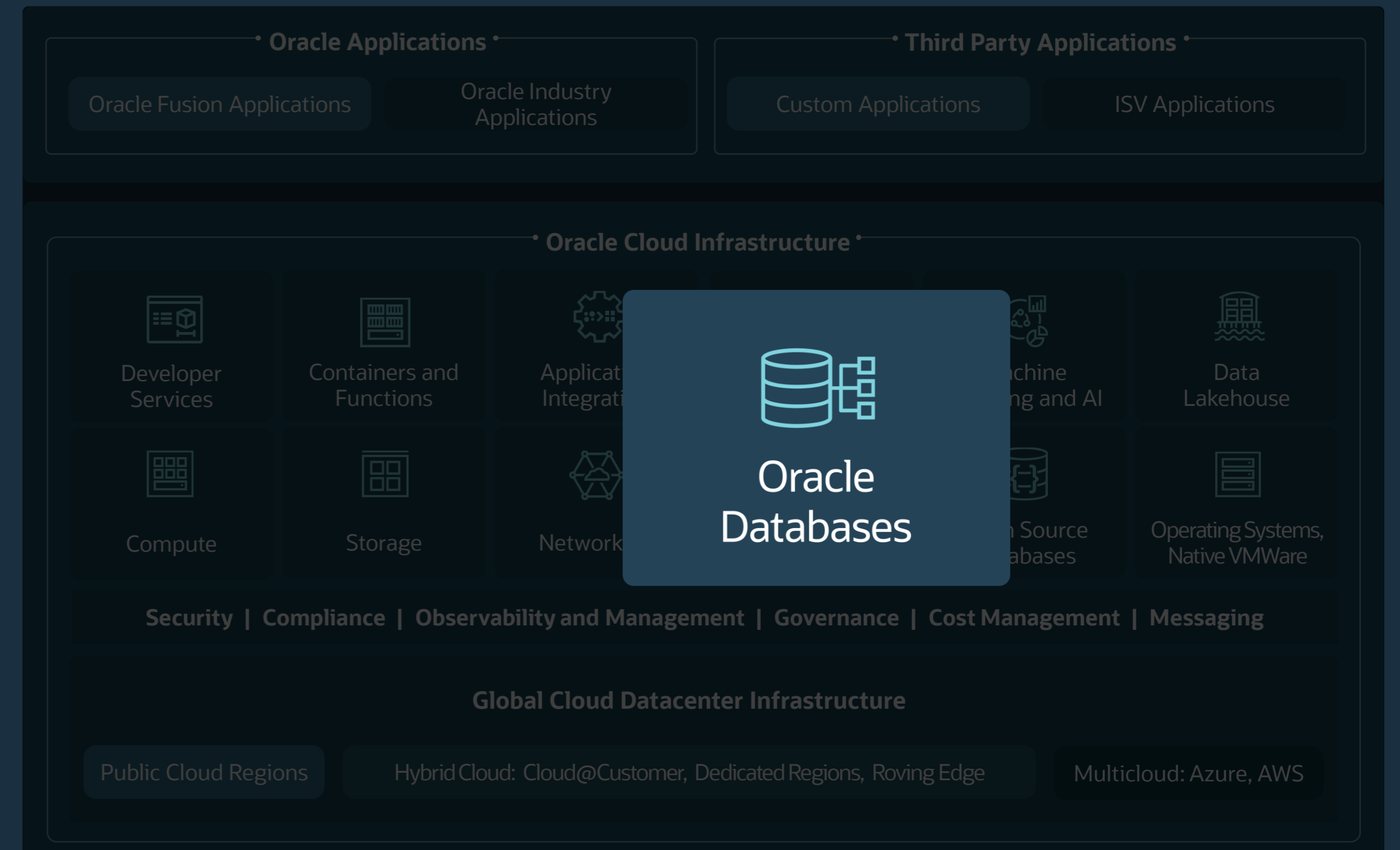
**103% YoY consumption growth**  
in constant currency



# MongoDB compatibility

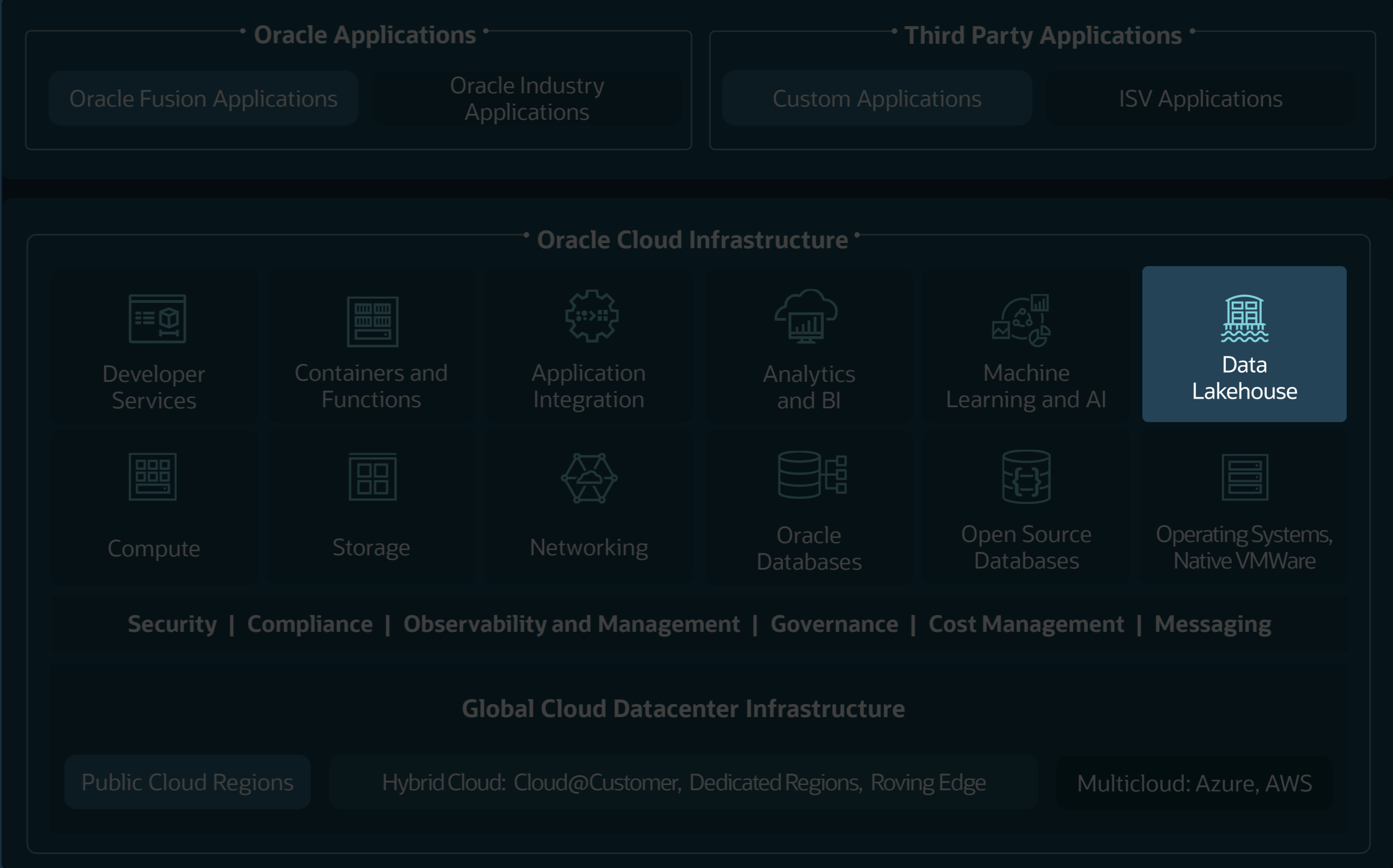


# MongoDB compatibility

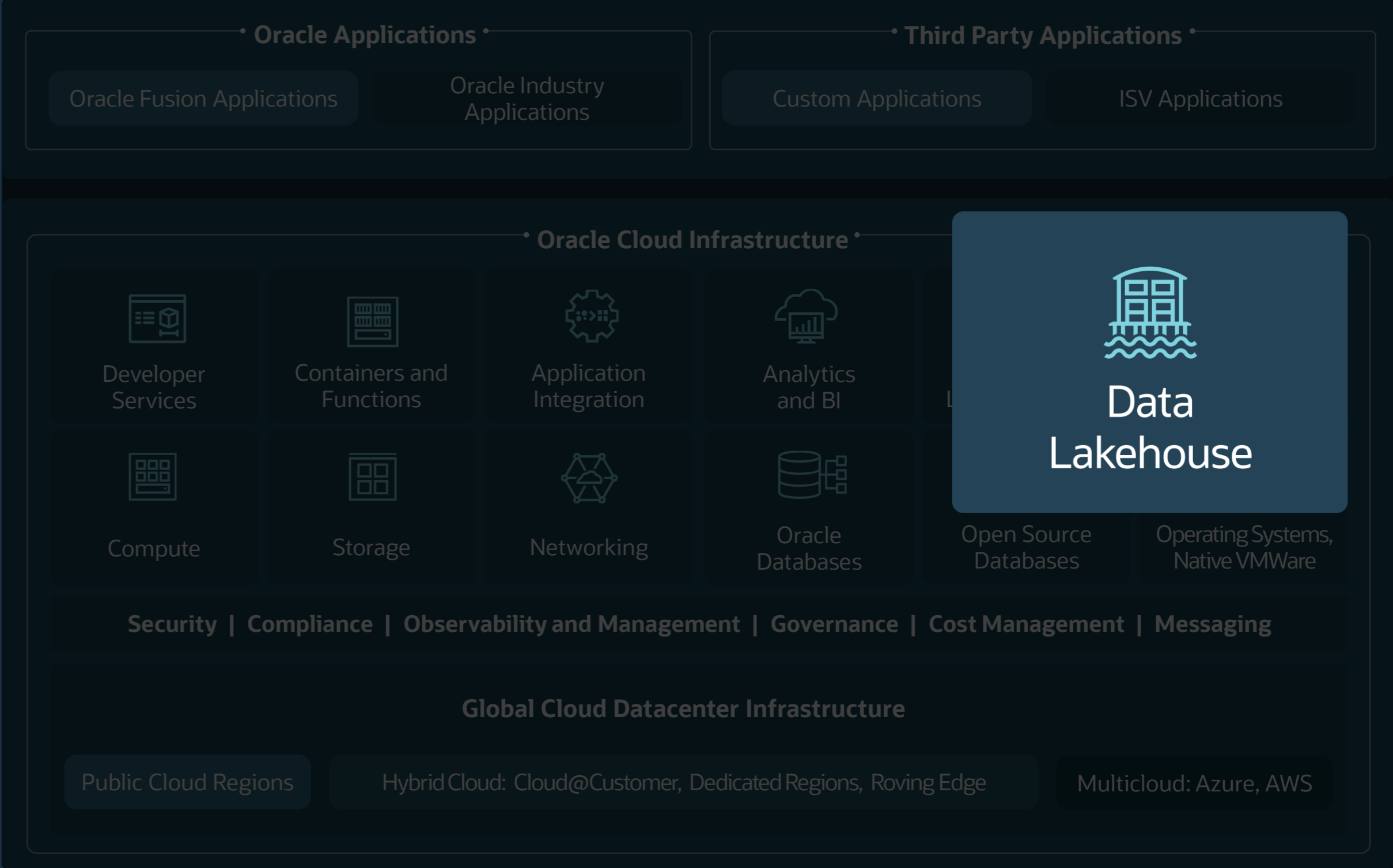




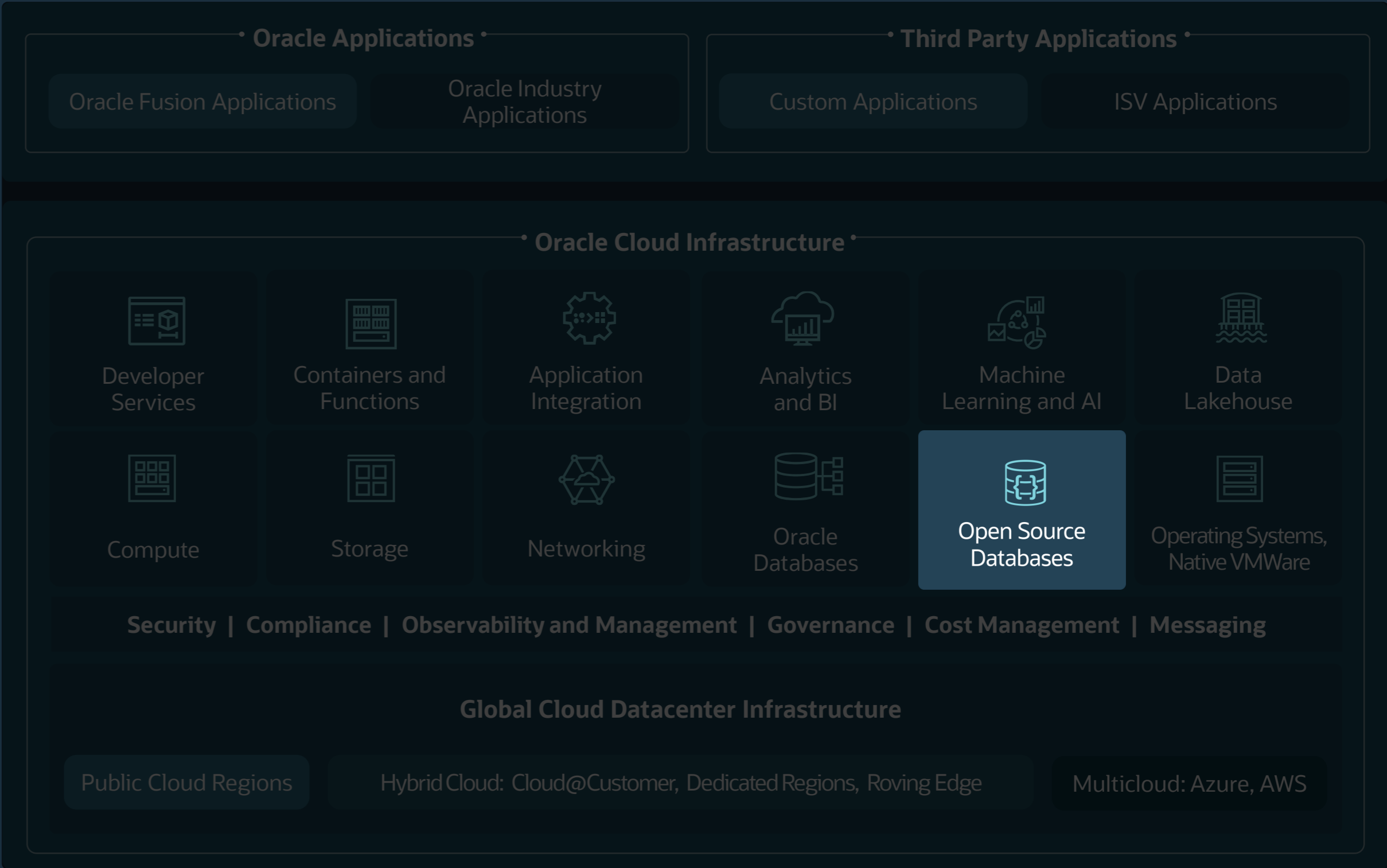
# MySQL HeatWave LakeHouse



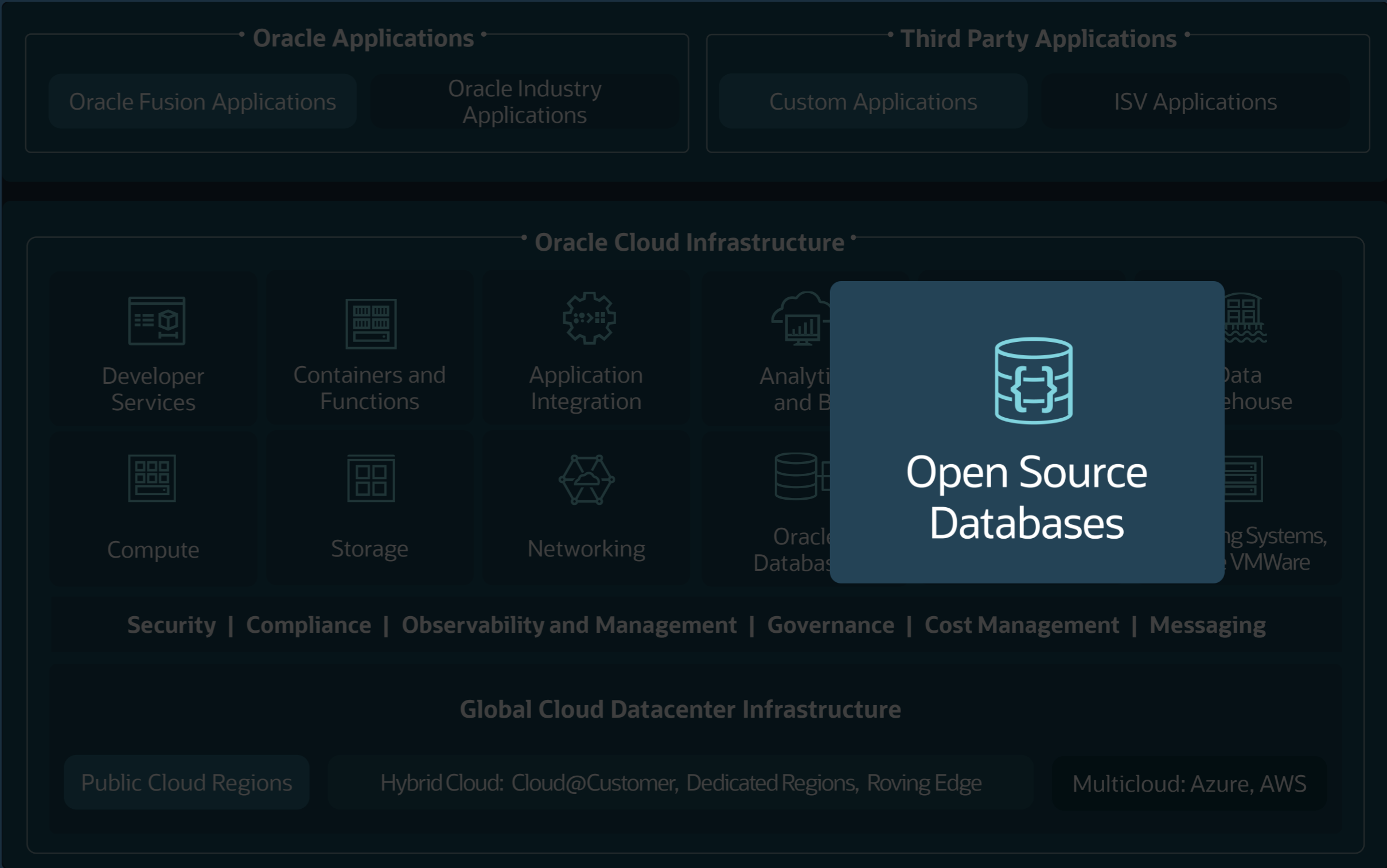
# MySQL HeatWave LakeHouse



# PostgreSQL Aries



# PostgreSQL Aries

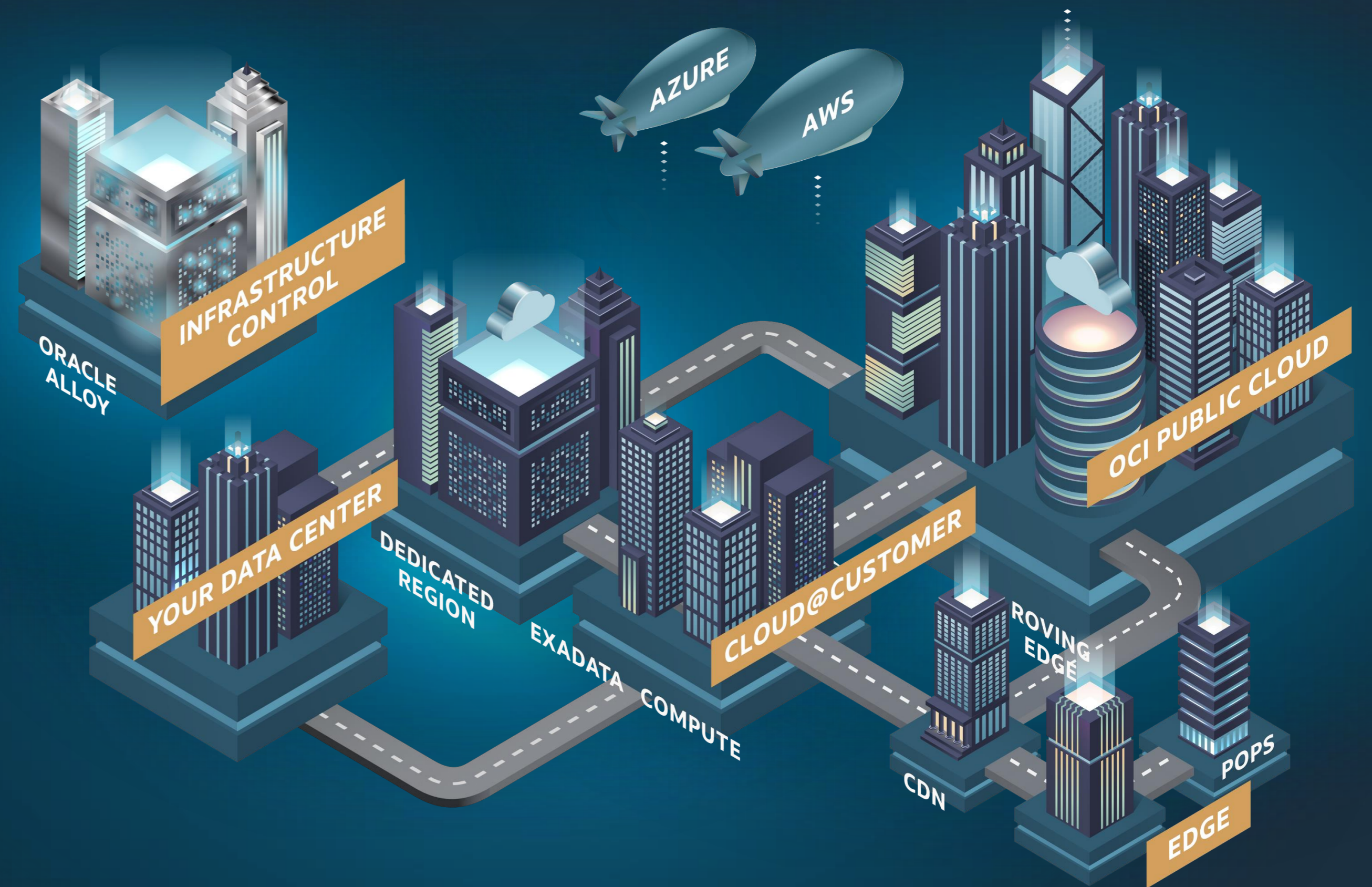


The diagram illustrates the Oracle Cloud Infrastructure (OCI) architecture, organized into several layers:

- Applications:** Divided into Oracle Applications (Oracle Fusion Applications, Oracle Industry Applications) and Third Party Applications (Custom Applications, ISV Applications).
- Oracle Cloud Infrastructure (OCI):** A central layer containing:
  - Developer Services:** Includes Compute and Storage.
  - Containers and Functions:** For application deployment.
  - Application Integration:** For connecting different services.
  - Analytics and Business Intelligence:** Includes Data Warehouse and Oracle Database.
  - Networking:** For connecting resources.
  - Open Source Databases:** A highlighted section, represented by a database icon and the text "Open Source Databases".
- Security and Management:** A horizontal bar across the bottom of the OCI layer, including Security, Compliance, Observability and Management, Governance, Cost Management, and Messaging.
- Global Cloud Datacenter Infrastructure:** The foundation layer, including:
  - Public Cloud Regions
  - Hybrid Cloud: Cloud@Customer, Dedicated Regions, Roving Edge
  - Multicloud: Azure, AWS



OCI where you  
need it most



82%

of large enterprises  
use multiple clouds

27%

increase from  
last year

# OCI's Distributed Cloud

## On Premises Infrastructure

Your Higher Performance Data Centre



**Oracle Exadata** - On Premises purpose built, high performance Database Infrastructure

**Mongo DB compatibility** – build and run new MongoDB applications on Oracle DB

## Hybrid cloud

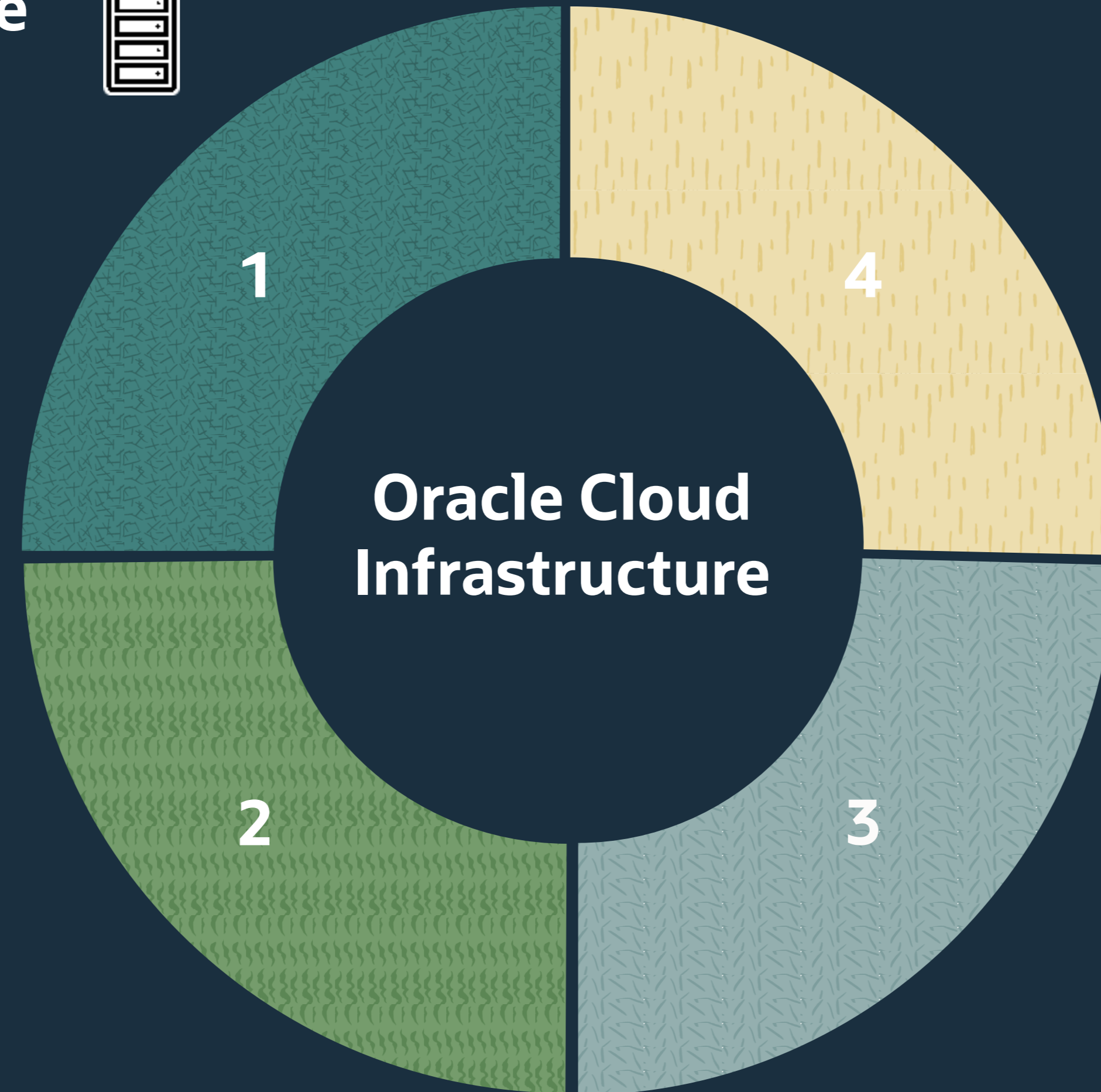
A cloud just for you



**Roving Edge** – portable ruggedized devices

**Oracle Exadata Cloud@Customer** – Cloud autonomous databases running in customer data centers

**OCI Dedicated Region** – All OCI services running in customer data centers



## Multicloud

Our products work with your other providers

**OCI Database Service for Azure** – High performance OCI databases provisioned and managed through Azure

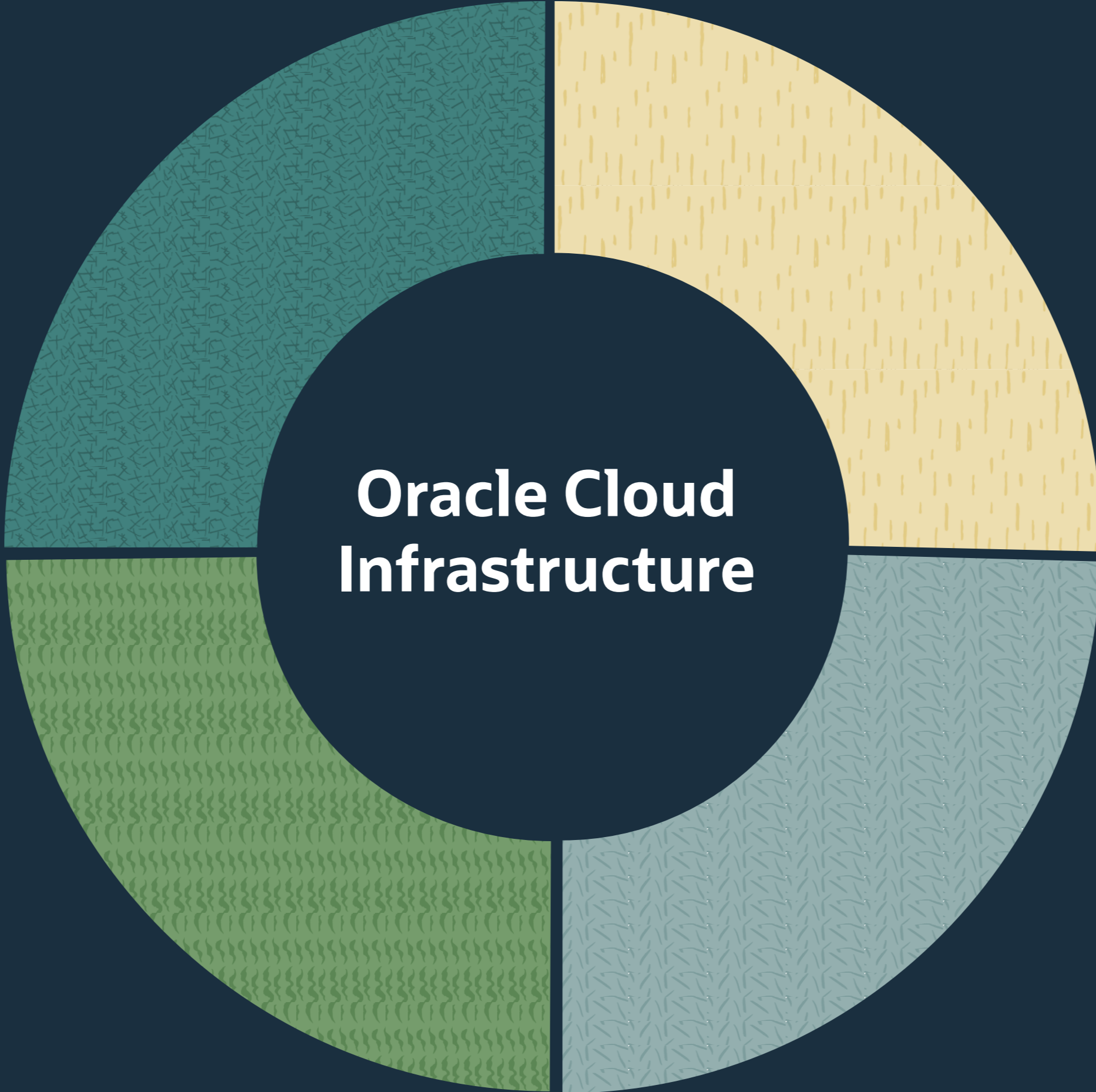
**MySQL Heatwave on AWS** – AWS users can run OLTP, OLAP & ML as a single native service



## Public cloud

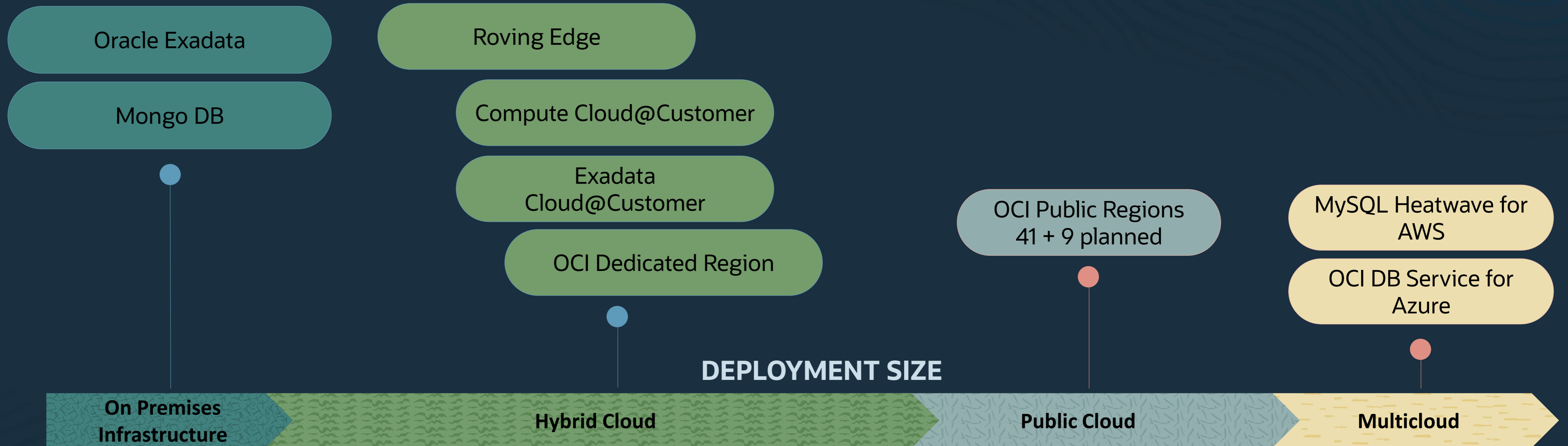
Access OCI cloud services from 41 global regions

**Hyperscale cloud regions** in 41 worldwide locations

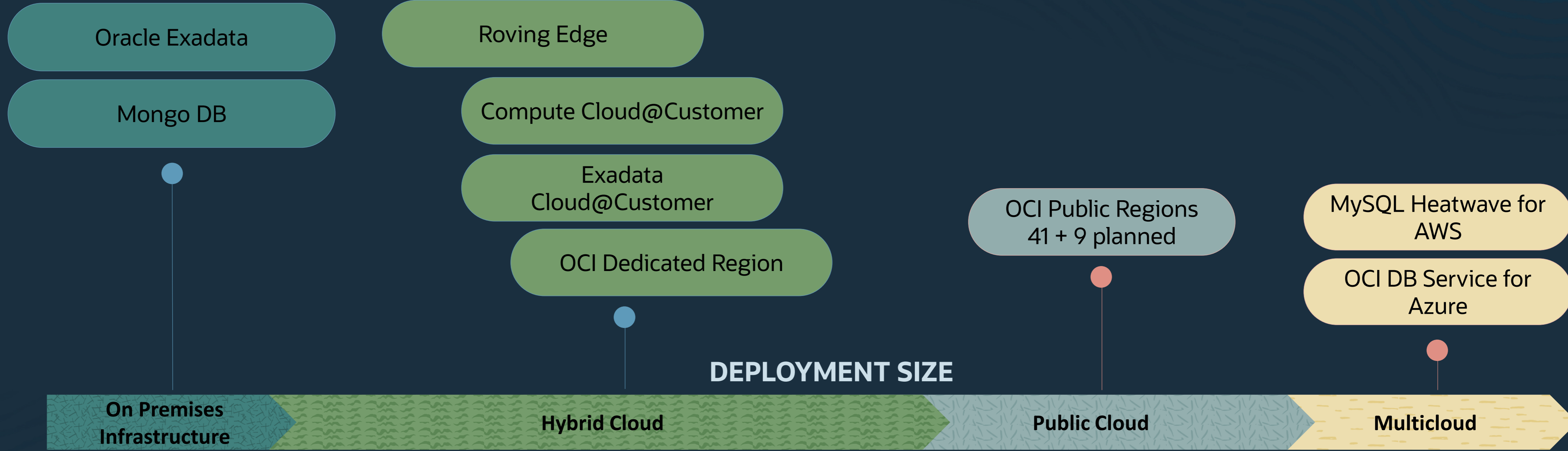




# OCI's Distributed Cloud Spectrum



# OCI's Distributed Cloud Spectrum



	Oracle Exadata	Roving Edge	Compute Cloud @ Customer	Exadata Cloud @ Customer	OCI Dedicated Region	Commercial Region	AWS Cloud Azure Cloud
<b>Services Supported</b>	Database	Compute / Network / Storage	Compute / Network / Storage	Database	Full Services	Full Services	Database, OLTP, OLAP, ML
<b>Data Residence</b>	On Premises	Remote Edge	On Premises	On Premises	On Premises	Regional	Regional



# OCI's Distributed Cloud Spectrum



**DEPLOYMENT SIZE**

On Premises Infrastructure      Hybrid Cloud      Public Cloud      Multicloud

A collection of logos for various partner companies and organizations, including:

- Indus Towers
- acute Informatics Pvt. Ltd. (CMMI(DEV) V1.3 ML3)
- Inspiring Innovations
- Career Launcher
- HDFC BANK
- PINNACLE (LET'S REACH OUT)
- PUDA
- MERA (ARTIFICIAL INTELLIGENCE)
- NERL (NCDEX Group Company)
- cognizant
- IFFCO
- 6D Technologies (Smart Ideas, Delivered)
- THE HINDU
- FOCUS EDMATICS (ACCELERATING TRANSFORMATION)
- Kanpur Electricity Supply Company Limited (A GOVERNMENT OF U.P. UNDERTAKING)
- HDFC Life (Sar uttha, ho jaye)
- wipro



# Analysts: OCI for cost, performance and scale

## Gartner®

(Oracle is) **out-innovating the market.**

Strong focus on lift & shift, **hybrid & multi cloud & HPC**

## OMDIA

Oracle should **appear on your shortlist** if you need a competitive price-performance CSP with proven, enterprise-grade reliability credentials.

## IDC

Oracle IaaS (OCI) receives the **highest customer satisfaction.**

## RedMonk

**Lower average base IaaS prices** than AWS, Microsoft, Google, Alibaba, and IBM since 2018.

# To help global enterprises every day



A robust  
cloud

Where you  
need it

That works  
well with others

That's the future of cloud