

# Upgrade Your Classic Services to Oracle Cloud Infrastructure

## Next-Gen Infrastructure


 **COST**
 **PERFORMANCE**

 **SECURITY**


Upgrade **easily**.  
Pay **less**. Get **more**.


Oracle Cloud is a rich portfolio of infrastructure, platform, and application services running in public cloud data centers across the globe. Many of these data centers are built on our next-gen infrastructure (called Oracle Cloud Infrastructure), which offers better performance and more features at the same or lower cost than the older Classic regions. Several additional Oracle Cloud Infrastructure regions are planned, including in North America, Europe, and Asia.


If you use services in any of the Classic regions, here's your opportunity to move your workloads easily to Oracle Cloud Infrastructure. To support you through the upgrade process, Oracle provides a comprehensive set of easy-to-use tools and guides.

Read on to learn more about the benefits of upgrading to Oracle Cloud Infrastructure.


 Next-Gen  
Infrastructure



 Enterprise-  
Ready


 Maximum  
Availability


 Key  
Differentiators


 Consistent  
Performance


 Superior  
Economics


 Core-to-Edge  
Security


 Cloud-Native  
Platform


 End-to-End  
SLAs


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## Enterprise-Ready

# Enterprise cloud. Uncompromised.

Oracle Cloud Infrastructure is designed to provide the performance predictability, core-to-edge security, and governance that you expect today for enterprise workloads.

**Compute:** Select from a carefully designed range of VM, bare metal, and GPU instances that give you the flexibility to deploy applications with varying infrastructure requirements.

**Networking:** Run your workloads on low-latency, highly available networks. Define your own virtual networks to isolate your cloud resources.

**Storage:** Take advantage of high-performance local, block, file, object, and archive storage, optimized for use cases like enterprise applications, databases, big data, and HPC. All your data is encrypted at rest.

**Governance:** Easily organize your cloud resources in logical groups, and implement policies for fine-grained access control.

**Compliance:** Oracle Cloud has ISO 27001, SOC 1 Type 2, SOC 2 Type 2, and SOC 3 certifications, and enables you to build HIPAA and PCI-DSS compliant applications. More compliance certifications are in the pipeline.

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## Maximum Availability



## Access your **workloads** any time, any where.

Enable high availability (HA) and business continuity for all your important applications in Oracle Cloud data center regions around the world.

Each Oracle Cloud region provides the fault isolation necessary to guard against hardware, power, and network failures. Many Oracle Cloud regions offer multiple availability domains, which provide additional HA deployment options, particularly for scale-out applications. Oracle Cloud data center regions are all interconnected by a dedicated, Oracle-managed backbone to enable protection against data center failure and regional disasters.



## Key Differentiators



### Consistent Performance

We've designed Oracle Cloud Infrastructure to offer the consistent performance that mission-critical enterprise applications and databases require (as well as cloud-native and HPC workloads).

Enjoy peace of mind with an SLA that covers not only availability and manageability, but also performance.



### Superior Economics

Besides low pricing and an easy-to-understand discount structure, Oracle Cloud Infrastructure delivers the best price for performance.

Your workloads require fewer infrastructure resources to deliver the same or better performance than in the Classic regions. This translates to lower cost to you.



### Security

Oracle Cloud Infrastructure provides superior tenant isolation, protection against internet threats, customer data protection, and automated threat detection and remediation.

Get high-speed and direct connectivity from your data center to Oracle Cloud, bypassing the public internet, using FastConnect.

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## Consistent Performance

# Industry-leading price/performance.

By not oversubscribing compute, network, and storage resources, we offer better performance and consistency across enterprise, cloud-native, and HPC workloads. Customers are seeing significant improvements in reporting and query times.



## Bare Metal Servers

Oracle Cloud offers compute instances with Intel XEON and AMD EPYC processors and the latest generation NVMe SSDs that provide millions of IOPS and very low latency. Our infrastructure is ideal for your I/O-intensive web applications, the most demanding big data workloads, and Oracle Database.

## Low-Latency Networking

Our high-speed, non-blocking networks enable consistent, low-latency connectivity between hosts in the cloud.

RDMA Clustered Networking enables extremely low latency between bare-metal servers, for tightly-coupled HPC workloads such as CFD, crash simulations, and DNA sequencing.

## Low-Latency Block Storage

Oracle Cloud Infrastructure offers highly available, persistent, network-attached storage volumes that are optimized to deliver low latency and high IOPS.

Volumes can be backed up to highly durable, highly available object storage, and can even be restored to new volumes.

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## Superior Economics

# Get the **most value** out of your **cloud investment.**

The Universal Credits and Bring Your Own License (BYOL) programs, coupled with the pay-as-you-go or monthly subscription options, enable you to target your spending toward the infrastructure and platform resources that are essential to your business. Oracle Cloud Infrastructure delivers the best value for serious workloads. You spend less time worrying about the IT budget and get time to focus on your business goals.

*"We needed the best price-performance available. We saw performance double vs. our prior solution, which translates directly into cost savings. Dollar-for-dollar, you just get more compute with Oracle Cloud Infrastructure."*

- Anton Venema, CTO, Frozen Mountain



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## Core-to-Edge Security



## Powerful, pervasive, reliable **security**.

**Network isolation:** A dedicated, private Layer 3 software-defined overlay network isolates and fully encapsulates your traffic as soon as it enters Oracle Cloud. No other tenant in our cloud can see your traffic.

**Resource isolation:** Organize your cloud resources in logical compartments and sub-compartments, and control access to the resources using fine-grained policies.

**Isolation between vendor and customer:** No Oracle software runs on your compute and storage hosts. Oracle has no access to the contents of your servers and cannot see your data. Your data remains private in Oracle Cloud.

**Data security:** All your data is encrypted at rest by default. You can choose to manage the keys used to encrypt the data. Organize your cloud resources and control access to them using logical compartments.

**Edge security:** DDoS protection and a web application firewall (WAF) service defend against internet-based threats. Automated threat monitoring and analytics are available across your cloud footprint: IaaS, PaaS, and SaaS.

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## Cloud-Native Platform

## Efficiently **develop** and **deploy** apps to the cloud.

Develop **microservices**-based apps, push the images to our **registry**, and deploy them as Docker containers running in **Kubernetes** clusters.

Write **serverless functions** without worrying about the infrastructure. Pay only for the compute time you use.

Enable real-time processing of large amounts of data generated by IoT, security, and supply chain apps, by using our **streaming** service.

*"... We are also working to take advantage of Oracle Cloud Infrastructure and its Kubernetes offering to replace our disaster recovery solution for our databases and WebLogic"*

*-Antonio Nappi, DevOps Engineer, CERN*



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## End-to-End SLAs

# The industry's **only end-to-end cloud warranty.**

Oracle Cloud Infrastructure is built not merely for scale and availability, but for dependable, consistent performance and manageability of services. We provide the industry's only performance and manageability SLAs, giving you peace of mind. Each SLA has a stated uptime target, and enables you to apply for service credits should we not meet the targets.



## Availability

Your cloud workloads are in continuous operation with Oracle's commitments to uptime and connectivity.



## Manageability

Our manageability SLAs enable you to manage, monitor, and modify your resources all the time.



## Performance

Oracle is the only major cloud vendor to guarantee performance. Run your enterprise applications reliably in the cloud.



## Global Footprint



## Run your cloud workloads in a **geography of your choice.**

Oracle Cloud is hosted in regions across the globe, enabling you to move your Classic workload to a geography that suits your business, technical, and legal requirements.

Oracle Cloud Infrastructure regions are available now in the US, Canada, Germany, and the UK. New regions are planned for several key locations, including in the US, Europe, Brazil, India, South Korea, Japan, and Australia.

Take advantage of the growing Oracle Cloud footprint to meet the IT needs of your global business.





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## Learn more, connect, and visit us online!

Find out more about our products, solutions, pricing and how to get started on the [Oracle Cloud](#) website.



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## Safe Harbor

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ORACLE®

# Integrated Cloud

## Applications & Platform Services

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