

WHY ORACLE CLOUD INFRASTRUCTURE?

Oracle Cloud Infrastructure combines the elasticity and utility of the public cloud with the granular control, security, and predictable performance of traditional on-premises infrastructure.

Here are four ways you can use Oracle Cloud Infrastructure



1 WEB APPLICATION HOSTING

Challenges:

- **Low utilization** of on-prem hardware and data center resources
- Right-sizing infrastructure for the lifecycle of the purchase
- Unpredictable traffic patterns for web apps

How Oracle Cloud Infrastructure can help

Move all the tiers of multi-tier applications, including the database, to the cloud without re-architecting networking and storage. Improve availability and reliability with simple multi-site and multi-region options. Operate your full existing stack, including your most demanding applications, alongside new cloud-native apps on a cost-effective cloud designed for the enterprise.



2 HIGH-PERFORMANCE COMPUTING IN THE CLOUD

Challenge: Multi-tenant public clouds aren't designed for HPC workloads and don't deliver adequate performance.

How Oracle Cloud Infrastructure can help

We're the only cloud that's available in a single-tenant model with no hypervisor overhead and no **noisy neighbors**. Spin up bare metal compute instances in minutes and scale-out efficiently over our 25 Gbps network on the cloud with the highest per-instance core count.



3 BIG DATA WORKLOADS

Challenge: **Exponential growth** in the volume, velocity, variety, and complexity of data.

How Oracle Cloud Infrastructure can help

Scale your infrastructure to build any Big Data application, integrate with popular frameworks like Apache Spark, and support any volume of data – up to hundreds of thousands of transactions per second. You can also scale your compute and storage independently to lower costs.



4 TRADITIONAL DATABASE APPLICATIONS

Challenge: Many enterprise applications require Oracle Database as part of their critical infrastructure. But maximizing the performance, security, and availability of these key databases **requires specialized expertise**.

How Oracle Cloud Infrastructure can help

At Oracle, we have that expertise. We use hardware that offers millions of operations a second, support best-practice processes to optimize your database workloads, and offer unique capabilities, including Real Application Cluster (RAC), for true enterprise-level high availability.



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