Dedicated Region Cloud@Customer

At A Glance
Oracle Dedicated Region Cloud at Customer

Oracle Dedicated Region Cloud@Customer provides all Oracle Cloud Infrastructure (OCI) public cloud services (IaaS/PaaS/SaaS) in a physical location of the customer’s choosing. Customers can start small and build fast, while retaining full control of their data and services to meet the highest security, regulatory, and data residency requirements. With OCI Dedicated Region, enterprises and governments avoid the challenges of building a cloud by using Oracle to install, manage, and support a cloud region. OCI Dedicated Region combines the elasticity and utility of the public cloud with the granular control, security, and predictability of on-premises infrastructure to deliver high-performance and cost-effective infrastructure services.

Benefits of Oracle Dedicated Region Cloud@Customer:
- Bring all 100+ of Oracle’s public cloud services and Autonomous Database on-premises to reduce the risk and cost of innovation
- Pay only for the services consumed
- Build a truly consistent development experience for all IaaS and PaaS by using the exact same tools, APIs, and SLAs available in Oracle’s public cloud
- Retain full control of all data to meet the most demanding data privacy and latency requirements
- Deploy seamlessly between on-premises and public cloud without any compromises on functionality or development experience
- Consolidate workloads on a single cloud platform with Oracle-managed operations, so that customers can focus on business priorities
- Reduce the costs of running on-premises workloads with Oracle Cloud Infrastructure’s industry-leading price-performance and highest levels of security
- Access single-vendor cloud accountability and management for all cloud platform, database, and infrastructure

Superior performance

OCI Dedicated Region leverages the latest CPUs, GPUs, off-box networking, and NVMe SSD based storage services. For example, bare-metal instances provide industry-leading 51.2 TB of NVMe solid-state storage capable of millions of read and write transactions per second. Unlike most cloud providers, Oracle’s cloud networking services are not over-subscribed, so each tenant gets predictable high-performance and low latency with OCI
Dedicated Region. Based on third party testing, Oracle’s compute and storage offer 2-5 times the I/O performance of comparable on-premises or AWS products, with consistent low latency, low jitter and higher bandwidth.

**Superior Economics**

OCI Dedicated Region inherits OCI’s unique pricing model, which is ideal for global companies that want to expand without pricing constraints. Customers can limit resource access, control budget, reduce underused resources, and forecast spending accurately with OCI’s built-in efficiencies. Oracle’s block storage and database storage is consistently less expensive than other cloud providers when performance is required. Oracle does not charge for outbound bandwidth for up to 10TB per month, and beyond that charges less compared to other cloud providers. Overall, Oracle’s lower product costs translate into 20-60% lower TCO across a range of workloads versus comparable on-premises or other cloud providers’ infrastructure. All OCI services are billed on an hourly basis, so customers can scale up or down and only pay for the resources they consume.

**Security First**

OCI Dedicated Region enables customers to meet their regulatory, data privacy, latency, and internal security requirements with OCI’s security-first approach. OCI Dedicated Region brings hardened physical and perimeter network security while enhancing the security of the platform, data, and applications with Oracle security controls and services. OCI Dedicated Region follows the same defense-in-depth architecture and provides security controls at all layers of the stack, including:

- Data center physical security
- Infrastructure security
- Application protection
- Data at rest and in motion encryption
- Security monitoring and reporting

OCI Dedicated Region regions operate in the same way as all other OCI regions by using the same tools, policies, and procedures. Because these dedicated regions are deployed in customer-controlled data centers, they aren’t formally included in the scope of any third-party audits. However, they can be more easily certified because of existing OCI certifications.

**Customer Use Cases for Oracle Dedicated Region**

**Data Residency**

Business, government entity

Regulatory, Policy

Dedicated Region provides a cloud at a location chosen by the customer so that data is stored in a geographical location of their choice.

**Low latency applications**

Telecommunication, Financial

Low Latency Anomaly detection

Dedicated Region provides a complete on-premise cloud with AI/ML workloads, with no requirement to connect to the public cloud.

**Modernization of infrastructure & apps**

Banks, Retail

Legacy Apps

Modern Apps

Dedicated Region allows a ‘lift & shift’ of existing applications to an on-premise cloud. Expansion is easy with flexible building blocks.