



# Cloud Infrastructure

## Oracle Cloud Infrastructure Government Regions

Oracle Cloud Infrastructure Government Regions provide a highly secure, enterprise-scale cloud ecosystem that's isolated from commercial customers and built to support regulatory compliance and mission-critical public sector workloads.

Oracle customers in federal, state, and local government, and regulated education and commercial contractors, use Oracle Cloud Infrastructure Government Regions to accelerate the migration of on-premises workloads, modernize business processes with new applications, and safely drive technology innovation in the cloud.

Oracle Cloud Infrastructure is built from the ground up to meet enterprise requirements for consistent, superior performance, compatibility with key existing technologies and processes, low, predictable costs, and advanced security and compliance features.

Oracle Cloud Infrastructure is the optimal cloud environment for Oracle database and applications, offering the best options for performance, availability, and scale. Oracle delivers a single-vendor support experience that spans customers' IT environments. And Oracle is the only cloud vendor that offers Real Application Clusters (RAC), Exadata, Active Data Guard, and granular database administrator controls.

Oracle supports a wide range of third-party workloads with a focus on data- and performance-intensive applications. Oracle supports open standards, enabling customers to deploy hybrid and multicloud strategies that make sense for them, without the fear of lock-in or the migration challenges associated with proprietary solutions. From the most powerful cloud databases to clustered, high-performance computing (HPC) deployments and critical applications like Oracle E-Business Suite and PeopleSoft, Oracle Cloud Infrastructure supports all the workloads that power public sector organizations.

Oracle uses the latest technology components, coupled with advanced cloud management controls, to deliver reliable and effective results. Oracle provides speedy networking with minimal latency, allowing synchronous replication and constant uptime, as well as predictable bandwidth and performance.

### Oracle Cloud Infrastructure Key Features at a Glance

- FedRAMP Moderate
- Impact Level 2 (IL2)
- Two regions (East and West)
- Enterprise workload-ready
- Superior and consistent performance
- Security-first architecture
- Industry-leading total cost of ownership (TCO)
- Enterprise-grade availability

**Getting Started:**[cloud.oracle.com/cloud-infrastructure](https://cloud.oracle.com/cloud-infrastructure)**Training:**[cloud.oracle.com/en\\_US/iaas/training](https://cloud.oracle.com/en_US/iaas/training)**Documentation:**[docs.cloud.oracle.com/iaas](https://docs.cloud.oracle.com/iaas)

## ORACLE® Cloud Infrastructure

Oracle Cloud Infrastructure is an enterprise infrastructure-as-a-service (IaaS) platform. Companies of all sizes rely on Oracle Cloud to run enterprise and cloud-native applications with mission-critical performance and core-to-edge security. By running both traditional and new workloads on a comprehensive cloud that includes compute, storage, networking, database, and containers, Oracle Cloud Infrastructure can dramatically increase operational efficiency and lower total cost of ownership. For more information, visit: [cloud.oracle.com/iaas](https://cloud.oracle.com/iaas).

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## Unmatched Security

Oracle Cloud Infrastructure's security approach is based on seven core pillars:

- **Customer Isolation:** Allows customers to deploy their application and data assets in an environment that ensures full isolation from other tenants and Oracle's staff.
- **Data Encryption:** Protects customer data at rest and in transit, enabling customers to meet security and compliance requirements for cryptographic algorithms and key management.
- **Security Controls:** Provides customers with effective and easy-to-use security management solutions that allow them to constrain access to their services and segregate operational responsibilities to reduce the risk associated with malicious and accidental user actions.
- **Visibility:** Offers customers comprehensive log data and security analytics that can be used to audit and monitor actions on their resources, enabling customers to meet audit requirements and reduce security and operational risk.
- **Secure Hybrid Cloud:** Enables customers to use existing security assets, such as user accounts and policies, as well as third-party security solutions, when accessing cloud resources and securing data and applications in the cloud.
- **High Availability:** Supports fault-independent data centers that enable high-availability, scale-out architectures; and these data centers are resilient against network attacks, ensuring constant uptime in the face of disasters and cybersecurity attacks.
- **Verifiably Secure Infrastructure:** Follows rigorous processes and uses effective security controls in all phases of cloud service development and operation; demonstrates adherence to strict security standards through third-party audits, certifications, and attestations; and demonstrate compliance readiness to organizations' security and compliance teams, as well as their customers, auditors, and regulators.

## Available Services

- **Compute:** Oracle offers fast and scalable compute resources, from single-core VMs up to 52-core bare metal compute instances with options for GPU and RDMA HPC clustering.
- **Networking:** Oracle's enterprise-grade virtual cloud networks (VCN) are designed from the ground up to deliver flexibility, security, availability, and superior bandwidth. Oracle Cloud Infrastructure lets users control all details of their network, with low latency and rock-solid security.
- **Storage:** From locally attached NVMe SSDs (nonvolatile memory express solid-state drives) to file, block, object, and archive storage, Oracle Cloud Infrastructure has cost-effective options for every storage use case, backed by the industry's only storage performance SLA.
- **Database:** Oracle Cloud Infrastructure allows quick and easy deployment of Oracle databases in a high-availability cloud environment. Customers benefit from industry-leading scale and performance, proven RAC reliability, data security, and granular controls—and they can quickly deploy databases that run on virtual machines, bare metal, or Oracle's powerful Exadata platform.
- **Containers:** Oracle Cloud Infrastructure delivers a complete and integrated set of services, based on open source technologies such as Docker and Kubernetes, that enable orchestration, scheduling, management, operations, and analytics.
- **FastConnect:** FastConnect provides an easy, elastic, and economical way to create a dedicated and private connection from the customer's network to Oracle's cloud. FastConnect provides higher-bandwidth options and a more reliable and consistent networking experience compared to internet-only connections.
- **Governance:** Oracle enables cloud resource control and security at scale, with audit visibility across all public API activities, enterprise-scale identity and access management, and tagging to organize, manage, and control cloud resources.