

Oracle Cloud Infrastructure

A comprehensive cloud solution making innovation accessible to governments across the globe



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Oracle cloud regions built for government

Oracle Cloud Infrastructure government regions provide a highly secure, enterprise-scale cloud ecosystem that is separated from commercial customers and built to support regulatory compliance mission-critical public sector workloads.

Oracle customers — in federal civilian and defense, state, province and local government, higher education, as well as commercial contractors — use Oracle Cloud Government Regions to accelerate the migration of on-premises workloads, modernize business processes with cloud applications, and safely drive technology innovation in the cloud.

The journey for government cloud innovation starts with the right cloud infrastructure.



Oracle Government

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

Oracle delivers a single-vendor support experience that spans across an agency' 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 Cloud Infrastructure is the optimal cloud environment for Oracle database and applications, offering the best options for performance, availability, and scale.

Oracle supports a wide range of third-party workloads with a focus on data — and performance-intensive applications. Oracle supports open standards enabling agencies to deploy hybrid and multicloud strategies to best support each customer's unique workload, without the fear of vendor lock-in or the migration challenges associated with proprietary solutions.

From the most powerful cloud databases, products and applications like Oracle E-Business Suite and PeopleSoft, Oracle's Generation 2 cloud infrastructure is helping agencies globally to meet the challenges of a citizen-centered and data-enabled government.

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

Compliance for government agencies and contractors

Using a multi-layered security strategy, Oracle government cloud is designed for government departments and agencies as well as private sector contractor customers requiring additional compliance standards set by regional, national, and local legislations. With highly secure, dedicated cloud regions separated and in some cases isolated from commercial customers, Oracle government cloud meets these rigorous security standards:



DoD DISA SRG IL2



27001: 27017: 27018



Self-Assessment



U.S. Privacy Shield



G-Cloud 11 – UK



DoD DISA SRG IL2



FedRAMP – High



VPAT – Section 508



ITAR – U.S. ARMS



GDPR-EU



My Number – Japan



FISC – Japan



PIPEDA – Canada



Cloud Security Principles – UK



Cyber Essentials Plus – UK

Oracle Cloud for government

Key features at a glance:

- FedRAMP High & DISA Impact Level 2, 4 and 5 for US government
- Multiple dedicated and disconnected government cloud regions across continents
- Enterprise and classified workload-ready
- Superior and consistent performance
- Security-first architecture
- Industry-leading total cost of ownership (TCO)
- Enterprise-grade availability



Security-First Design

Oracle Cloud Infrastructure is a second-generation infrastructure-as-a-service (IaaS) offering architected on “security-first” design principles. These principles include isolated network virtualization and pristine physical host deployment, which provide superior customer isolation compared to earlier public cloud designs and reduced risk from advanced persistent threats.

Oracle Cloud Infrastructure benefits from tiered defenses and highly secure operations that span from the physical hardware in our data centers to the web layer, in addition to the protections and controls available in our cloud. Many of these protections also work with third-party clouds and on-premises solutions to help secure modern enterprise workloads and data wherever they reside.

Oracle Cloud Infrastructure meets the security requirements of enterprises and customers who run critical and sensitive workloads. Oracle’s security approach is based on seven core pillars:

- 1 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.
- 2 Data encryption:** Conformed to FIPs 140-2 standards, protect customer data at rest and in transit, enabling customers to meet security and compliance requirements for cryptographic algorithms and key management.
- 3 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.
- 4 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.
- 5 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.
- 6 High availability:** Supports fault-independent data centers that enable high-availability, scale-out architectures; and these data centers are resilient against network attacks, ensuring SLA backed uptime in the face of disasters and cybersecurity attacks.
- 7 Verifiably secure infrastructure:** Follows rigorous processes and uses effective security controls in all phases of cloud service development and operation that demonstrate adherence to strict security standards through third-party audits, certifications, attestations. And provide a complete compliance readiness walkthrough for organizations’ security and compliance teams, as well as their customers, auditors, and regulators.

Oracle Cloud Infrastructure has achieved certifications for key security standards and compliance mandates in the U.S. and many countries across the globe.



Oracle Cloud Infrastructure isolation spectrum

Oracle Cloud Infrastructure for government is conceptualized, designed, and built to meet world-class security, protection, and compliance requirements for mission-critical data and operations. Oracle cloud for governments is built to ensure protection of data and classified workloads. Depending on specific needs and classification requirements, Oracle offers a spectrum of cloud isolation options to choose from.

While Oracle government regions provide community cloud options with specific certifications and is internet connected, Oracle dedicated regions offer a single client tenancy. Further, Oracle National Security regions are mission-built to maximize data sovereignty to protect secret and top secret classified workloads.

ORACLE Cloud Infrastructure			
Public Cloud			Isolated Cloud
Public Cloud	Government Regions	Dedicated Regions	National Security Regions
Internet-connected	Internet-connected	Internet-connected	Disconnected/ isolated
Multi-tenant	Multi-tenant	Single-tenant	Single-tenant or customer-controlled multi-tenant
Commercial	Government	Commercial or government	Government, defense, intelligence
Standard industry certifications	Specific government certifications	Customer defined	Customer defined
Shared ops teams	Ops teams that meet certain government requirements	Shared ops teams	Dedicated ops teams with clearance by customer
Highly secure software delivery	Highly secure software delivery that meets government requirements	Highly secure software delivery	Customer pre- approved, highly secure software delivery process

Summary

Oracle Cloud Infrastructure offers a modern, secure, and cost-effective platform to deliver e-government services with confidence. Oracle's technology platform is unique in its comprehensive cloud computing portfolio, from application development, business analytics, data management, integration, security, and emerging technologies like AI and blockchain.

Oracle Government Cloud service offerings

- **Compute** — From single-core VMs to 52-core Bare Metal Instances
- **Networking** — Enterprise-grade VCNs
- **Storage** — NVMeSSDs, File, Block, Object, Archive
- **Database** — RAC reliability, data security, granular controls; deploy in VMs, Bare Metal, or Oracle Exadata
- **Governance** — Identity and access management, tagging, audit capabilities





“Making cloud innovation more accessible to governments and enterprises with superior security, infrastructure, performance, reliability, and data management.”

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Integrated Cloud Applications & Platform and Services

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