

# Oracle Cloud's US National Security Regions

## The Next-Generation Classified Cloud

Oracle Cloud's US National Security Regions (ONSR) are Oracle Gen 2 Cloud regions secured to the highest US Government classification standards. Identical to full-scale and full-service commercial Oracle Cloud regions, ONSRs are built in highly secured facilities. These regions are supported by government-cleared US Citizens, and only connected to secure US Government networks.

Dedicated to serving the US Defense and Intelligence communities, these National Security Regions support Secret, Top Secret, SCI, and SAP workloads, with security controls meeting or exceeding the regulatory and compliance requirements for Department of Defense Impact Level 6 (IL6) and Intelligence Community Directive (ICD 503) accreditation\*.

All National Security Region operations are performed from securely managed dedicated customer operation centers by US Government-cleared engineers.

### A Complete Cloud for Secure, Mission-Critical Applications

Leverage the full suite of Oracle's Gen 2 Cloud Infrastructure, Platform, and Software-as-a-Service (IaaS, PaaS, and SaaS) and Marketplace service offerings, available in all National Security Regions.

With no CapEx investment, organizations have complete flexibility in scaling, design, and operational controls.

### 24/7 Operations and Support Managed by Cleared US Personnel

Supported and managed from dedicated, secure operations centers, ONSRs are staffed around the clock by Oracle employees with the highest levels of US Government security clearance.

Upholding Oracle's industry-leading enterprise SLAs, the operation centers operate and maintain the cloud and provide 24/7 customer support to resolve issues. Dedicated ticketing systems on the classified networks ensures secure incident management.

### Fast and Secure Network Connectivity

Completely isolated from both the internet and internal Oracle networks, ONSRs are only connected to government-specified, isolated networks (e.g. SIPRNet and JWICS).

Cross-domain one-way "network diodes" are used to transfer data, such as software updates, from lower to higher-classification networks. No data may leave the classified enclave without customer authorization and sanitization.

### Trusted Security-First Design and Compliance

Security-first design principles include isolated network virtualization and pristine physical host deployment, which provide superior customer isolation and reduced risk from advanced persistent threats.

Built to meet the highest level of US Government regulatory and compliance requirements, including the highest forms of independent assurance available with respect to internal control, data protection, and regulatory compliance.

All ONSR services are built, implemented, and audited to meet FedRAMP High, DoD Impact Level 6, and Intelligence Community Directive 503 requirements.

\*Oracle National Security Regions are pending accreditation. Contact your account manager to get started.



## PRODUCTS AND SERVICES

### Modernizing the Mission

Protect the world's most sensitive data without the burden of installing and managing underlying infrastructure. Leverage the transformative power of Oracle Cloud to drive innovation for mission critical applications.

**Fast and Scalable Compute Resources:** From single-core virtual machines (VMs) all the way up to 64-core bare metal instances in large-scale clusters, Oracle Cloud Infrastructure's compute service offers massive scale for both traditional and cloud-native applications.

**Integrated Governance and Control:** Oracle Cloud Infrastructure Identity and Access Management (IAM) lets you control who has access to your cloud resources. Control what type of access a group of users have and to which specific resources.

**Autonomous Database and Exadata Cloud:** Easily build, scale, and secure Oracle databases with license-included or bring your own license (BYOL) pricing. Create databases on VM, bare-metal, or Exadata instances. With OCI Database service, use existing tools, RMAN, and the database command line interface to manage databases in the cloud the same way you manage them on-premises.

**Networking Across Physical and Virtual Environments:** Extend your IT infrastructure with highly customizable and secure VCNs and connectivity services that offer predictable and consistent performance, isolation, and high availability.

### Oracle Cloud Infrastructure for Government

#### A Comprehensive Compliant Cloud Solution Making Innovation Accessible to Governments Across the Globe

Oracle Cloud's US Government regions provide a highly secure, enterprise-scale Government Community Cloud, built to support mission-critical Government workloads.

Agencies in Federal, State, and Local government are using Oracle's US government regions to accelerate the migration of on-premises workloads, modernize business processes with cloud applications, and safely drive technology innovation in the cloud.

#### Four US Government Realms and Nine US Government Regions



Oracle has a long history of working closely with customers to secure highly sensitive and classified data workloads; the National Security Regions present the opportunity to translate this core competency into the cloud for customers who place security above all. Oracle's security approach is based on seven core pillars. Each pillar has multiple solutions designed to maximize the security and compliance of the platform.

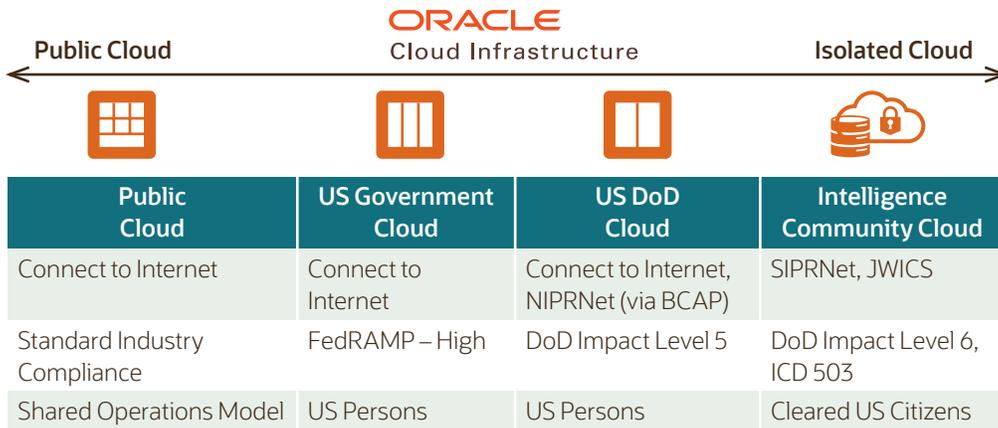
- Ensuring full **Customer Isolation**
- Conformed to FIPs 140-2 standards for **Data Encryptions**
- Comprehensive **Security Management**
- Complete **Visibility** with log data and security analytics
- **Hybrid Cloud Security** adoptive to third-party security solutions
- Fault-independent data centers enabling **High-Availability**, scale-out architectures; and resilient against network attacks
- Third-party audited, certified and attested **Verifiable Secure Infrastructure**



## Spectrum of Oracle Cloud isolation options

Oracle Cloud is designed to provide US government agencies with security, rock-solid reliability, and powerful management capabilities for large and complex deployments—all while beating industry performance and pricing standards, backed by Oracle's industry-leading Enterprise SLAs. Recognizing the importance of isolation even within a public cloud environment, Oracle Cloud is the first to offer isolated network virtualization, which takes network and I/O virtualization out of the hypervisor and encapsulates it in its own hardened hardware and software layer. The result is truly elastic, self-service network service with a fully software-defined, non-blocking topology for maximum network performance and security. This empowers customers to run bare metal servers, side-by-side with virtual machines (VMs) and engineered systems.

On top of our industry-leading tenant and workload isolation, Oracle offers a spectrum of cloud isolation models to our customers, enabling customers to choose deployment models that fit their security and compliance requirements.



## Compliance for US government agencies and contractors

as private sector contractor customers requiring additional compliance standards set by the US government. With highly secure, dedicated cloud regions isolated from commercial customers, Oracle's US government cloud meets these rigorous security standards:



DoD DISA  
IL5, 4, 2



FedRAMP – High



FIPS 140-2 for  
cryptographic  
modules



VPAT section 508  
standards for  
accessibility

## Connect with us

Call +1.800.ORACLE1 or visit [oracle.com](https://www.oracle.com).  
Outside North America, find your local office at [oracle.com/contact](https://www.oracle.com/contact).

[blogs.oracle.com/oracle](https://blogs.oracle.com/oracle) [facebook.com/oracle](https://facebook.com/oracle) [twitter.com/oracle](https://twitter.com/oracle)

## Integrated Cloud Applications & Platform and Services

Copyright © 2020, Oracle and/or its affiliates. All rights reserved. Oracle and Java are registered trademarks of Oracle and/or its affiliates. Other names may be trademarks of their respective owners.

### Learn more at:

[www.oracle.com/industries/public-sector/national-security/](https://www.oracle.com/industries/public-sector/national-security/)

[www.oracle.com/industries/public-sector/federal/](https://www.oracle.com/industries/public-sector/federal/)

[www.oracle.com/a/ocom/docs/industries/public-sector/ps-cloud-infrastructure-us-solution-br.pdf](https://www.oracle.com/a/ocom/docs/industries/public-sector/ps-cloud-infrastructure-us-solution-br.pdf)

[www.oracle.com/industries/public-sector/federal/national-security-regions/](https://www.oracle.com/industries/public-sector/federal/national-security-regions/)

