ORACLE

Oracle Cloud Isolated Region
## Disconnected Cloud for Global Defence & Intelligence Missions

Your challenge

As a defence or intelligence stakeholder, you face complex challenges while managing your missions. Legacy IT environments can no longer keep pace with today's mission demands, which have outgrown on-premises capacity and capabilities. You know a hyperscale cloud platform is the solution, but you are unsure if it will meet your requirements. So, how can you securely run your classified, mission-critical workloads in an air-gapped cloud while having access to the same services and innovation as public clouds?

Our solution

Committed to government missions globally, **Oracle Cloud Isolated Region** is a full-featured, air-gapped hyperscale cloud that offers the same services as our public regions, as depicted below.
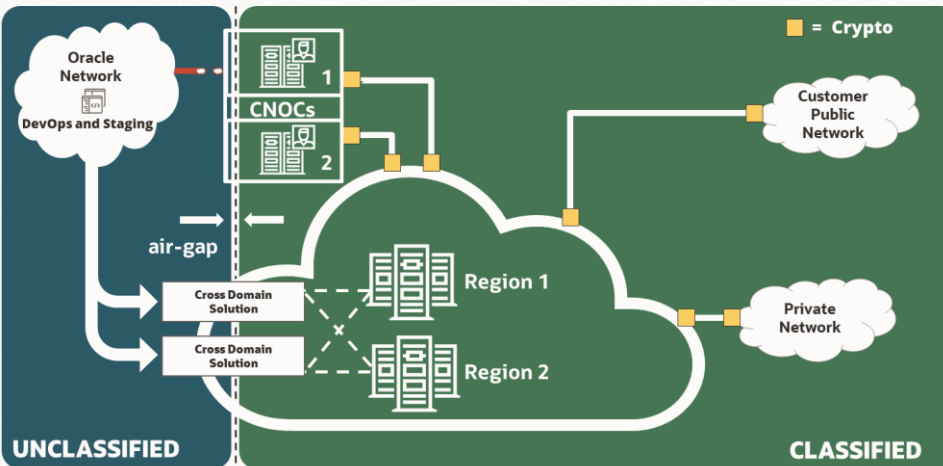
Oracle Cloud Isolated Regions are not connected to the internet, but they are connected via encryption devices to your classified networks. The regions can be located on-premises or in a co-located data centre that meets your compliance standards. Only authorised, onsite personnel can operate these regions from in-country Cloud Network Operations Centres (CNOCs).

Code is deployed securely across the air-gap, and Oracle's global teams have no knowledge of or access to data or workloads inside the region. The region is also designed to function without a persistent connection between the Oracle network and the Cross Domain Solution. Designed to securely and predictably run your classified, mission-critical workloads—Oracle Cloud Isolated Region is the hyperscale cloud solution for defence missions.

Oracle Cloud Isolated Region Highlights

Everything Everywhere
Offers the same services as public cloud and all the latest innovation—just disconnected

Security-first by design
Oracle cloud is engineered with security at the core, enabling zero trust architecture

Comprehensive solution for continuity of operations
Two regions provide high availability and disaster recovery for mission-critical workloads

Global expertise operating sovereign & disconnected environments
Proven 24/7 sovereign operations—live today in the US, UK, and EU

Fastest time to mission
Building Oracle Cloud Isolated Regions in as little as 12 months—from data centre whitespace-ready to region isolation

Best value proposition
The same transparent and globally consistent pricing as public cloud with no escalation for classified workloads

Small footprint
As small as 100m^2 means minimum financial commitments that are manageable for any country's budget—and the footprint can grow with your forecasted demand plan

Core-to-Edge mission capabilities
Oracle Cloud Isolated Region provides the air-gapped cloud core to deploy and manage your Roving Edge Infrastructure

Benefits of Oracle Cloud Isolated Region

Everything Everywhere
- Oracle is committed to offering the same IaaS/PaaS/SaaS services in all Oracle Cloud regions
- Experience the depth and breadth of Oracle's innovation in your fully dedicated and secure Oracle Cloud Isolated Region

Consistent pricing
- Oracle offers the same consumption pricing across all classification levels
- No need to face tradeoffs between security and affordability

Joint Operations Model
- Oracle offers joint operations models for your Oracle Cloud Isolated Region, whether between your organisation and Oracle, or even a systems integrator
- Save significant overall cost, upskill your workforce, and ensure mission continuity in times of crisis

Industry-leading SLAs
- Oracle guarantees our cloud services with Availability, Performance, and Manageability SLAs across all classification levels
- Forecast your mission workloads with predictable and consistent reliability

Two regions for resiliency
- Oracle's unique two region design provides the most resilience for mission-critical workloads
- Offers the best balance of high availability, disaster recovery, and cost

Core-to-Edge classified cloud
- Oracle Cloud Isolated Regions provide the core cloud infrastructure for Oracle Roving Edge Infrastructure, ranging in size from 24-foot shipping containers to devices that easily fit in a backpack
- Standardise your classified tactical data interoperability

Security by Design

Oracle's cloud is built on security-first principles for uncompromising cloud security. Oracle believes cloud security should be a default, built-in feature. Here are some examples:

Customer isolation: Oracle fully isolates networks with our custom-designed SmartNIC which prevents network traversal attacks, offering greater security and isolation at the infrastructure level.

Zero-trust security: Our security model employs a robust portfolio of easy-to-use, always-on security innovations. Data is encrypted by default, both at-rest and in-transit. Identity access is role-based, managed with deny-by-default policies.

Cloud Guard: Automatically monitor your tenancies against user misconfiguration, warning users and alerting administrators of potential risks. Cloud Guard can suggest improvements or even automatically implement corrective actions.

Data sovereignty: You have complete control of log and audit data, cross domain solution activity, and security analytics. Oracle Cloud Isolated Regions can operate with no automated data egress.

Secure supply chain: Oracle uniquely designs and tests our own hardware, maintains presence in supplier factories, and keeps verifiable chain of custody throughout our hardware lifecycle. Your classified cloud infrastructure is secured from the factory to your data centre.

Hardware Root of Trust: Reduce the risk of firmware-based attacks with Oracle's custom-built, hardware-based technology to wipe and reinstall firmware every time a server is provisioned or tenancy is created.

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