ORACLE

Oracle Cloud Infrastructure for Department of Defense

Delivering Unmatched Clould Security, Performance, and Scale

Built to meet the mission-critical needs for the United States Federal, Intelligence Community (IC) and the Department of Defense (DoD), Oracle's Generation 2 Cloud delivers unmatched security, performance, and scale with a comprehensive portfolio of infrastructure, platform, and application cloud services. With FedRAMP High and DISA authorizations up to the IL5 level, Oracle is continuing to invest heavily to bring cloud computing to all public sector agencies and shortly launching regions to support Secret and Top Secret workloads.

In December 2019, Oracle announced three new government regions targeted for the DoD workloads which achieved DISA Impact Level 5 (IL5 PATO): Ashburn, Virginia; Phoenix, Arizona; and Chicago, Illinois. This is in addition to the existing Government regions with a FedRAMP High authorization: Ashburn, Virginia; Phoenix Arizona. These (5) regions provide a cloud environment where US. Dept of Defense and other Federal and State and local customers with FedRamp requirements can harness the power of the Oracle Cloud to unlock innovation, improve mission performance, and enhance service delivery with predictable cost and service levels. Oracle has a DoD Sponsor and has built additional Oracle Cloud regions that are in accreditation process for DoD IL6, Secret, and Top Secret/SCI Cloud Regions.

Press Releases:

SEPTEMBER 2019: Oracle Achieves FedRAMP Authorization for Oracle Cloud Infrastructure

OCTOBER 2019: Oracle Achieves DISA Impact Level 5 Provisional Authorization for Oracle Cloud Infrastructure



ORACLE CLOUD INFRASTRUCTURE (OCI) SERVICES FOR DOD

Oracle Cloud Infrastructure (OCI) DoD Regions (Ashburn, Phoenix, Chicago) attained DoD IL5 PATO and DISA Cloud Authority to Connect.

Listed below are currently available Oracle OCI DoD IL5 Cloud services. Additional OCI DoD IL Cloud will become available over time based on FEDRAMP and DOD IL5 audit and accreditation processes.

Bare Metal Compute

- Virtual Machine Compute
- Object Storage
- Block Storage
- Key Mgmt. Service (KMS)
- Network Virtual Cloud Network (VCN) services
- Load balancer
- Identity Cloud Service Foundation
- FastConnect Connection to DISA NIPRNet BCAP IL5 Regions.
- DBAAS(DBVM/DBCS) Oracle Database Oracle Database which can utilize features only found in the Oracle Cloud such as Real Application Clusters (RAC) for High Availability, Data Guard for Disaster Recovery, and In-Memory Database for hyper fast analytics and reporting. In addition, leverage Oracle Database Security features and options.

Exadata Cloud Service - high-performance scale-out database servers and scale-out intelligent storage servers, connected by an ultrafast, low-latency network.

VERIFY ORACLE CLOUD INFRASTRUCTURE ON DISA SERVICE CATALOG LIST: DoD Regions have received a DISA Provisional Authorization for IL-4/IL-5 workloads

DISA	EVENCE INFORMATION SYSTE In If Control Sugarit Agency	DAS AGENCY	Search	•		
About DISA	Nows and Events	Services and Capabilities +	DOD CIO Portfolios +	DISA.mil Hom	ipage	_
Key Resources:	Cloud	Service Supp	port			
	Stand	ard Offering		view more 💟		
	Oracle	0	Iracle Cloud Infrastructure & OCI-GovCloud)	Government Clou	d laa5	PaaS

Please click on Standard Offerings and scroll down on Page: <u>DISA Storefront</u> and find Oracle IaaS and PaaS listed on DoD Cloud Catalog for authorized services with impact level 4 and 5.

To see the comprehensive list of services please visit <u>Oracle's Cloud Service Data</u> <u>Regions page</u>.

CSP	CSO	Service Model 1	Service Model 2	Impact Level
Oracle	Oracle Cloud Infrastructure Government Cloud (OCI-GovCloud)	laaS		2
Oracle	Oracle Service Cloud	SaaS		4
Oracle	Fusion	SaaS		4
Oracle	Oracle Cloud Infrastructure Government Cloud (OCI-GovCloud)	laaS	PaaS	4/5

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ORACLE CLOUD INFRASTRUCTURE (OCI) DOD RECEIVED DISA CLOUD AUTHORITY TO CONNECT (CATC)

	DEFENSE INFORMATION SYSTEMS AGEN P.O. BOX 549 FORT MEADE, MARYLAND 20755-0549	NCY
IN REPLY REFER TO:	Connection Approval Office within DISA RE41	October 10, 2019
MEMORAN	DUM FOR CLOUD SERVICE PROVIDER (CSP)	
SUBJECT:	Cloud Authority to Connect (CATC) for Oracle Cloud Infrastructure – Government Cloud by Oracle America Inc, Community Cloud Platform as a Service (PaaS), OCI- GovCloud, Impact Level 5	
References:	 a. Connect Request submitted under SNAP Request ID No 25240 b. DoD Cloud Computing Security Requirements Guide (SRG), Ver March 2017 c. DISA Authorization Memorandum DoD Provisional Authorization for PaaS Level 5 signed (05 October 2019) 	sion 1, Release 3, 18 OCI- GovCloud,

COMPLIANCE FOR ALL DATA CLASSIFICATIONS (US)

OCI FedRAMP and DoD Impact Level Accreditations

Compliance for All Data Classifications

Federal Program	Status
FedRAMP Moderate	Complete
FedRAMP High – Agency ATO	2 Agencies ATO Complete
FedRAMP High – JAB ATO	Selected, Audit Package under review

DoD Program	Status	
DoD IL2	Complete	
DoD IL4	Complete	
DoD IL5	Complete	
DoD IL6	Sponsored and in accreditation	

Intelligence Program	Status
Secret	Sponsored and in accreditation
Top Secret / SCI	Sponsored and in accreditation



FedRAMP

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REVIEWS AND EVALUATIONS OF ORACLE CLOUD INFRASTRUCTURE:

PIQUE SOLUTIONS WHITEPAPER (ORACLE COMMISSIONED):

Migrating Enterprise Workloads to the Cloud Customer Experiences with Oracle Cloud: The report evaluates CSPs on cost, performance, ease of migration and manageability. Read More: <u>Migrating Enterprise</u> <u>Workloads to Cloud</u>

"For our applications running on a Microsoft stack, we found a roughly 40% performance improvement running on Oracle Cloud vs. AWS. That difference increased to 55% when factoring in price because Oracle Cloud is less expensive than AWS."

- CTO, Supply Chain Software ISV

STORAGE REVIEW:

Oracle Cloud Infrastructure Compute Bare Metal instances are shown in independent testing by Storage Review to have a 2X-5X performance advantage with comparable or dramatically lower pricing, compared to similar configurations from Amazon Web Services (AWS) across a wide range of workloads.

LEARN MORE: Oracle tests better in performance than amazon web services LEARN MORE: Oracle cloud infrastructure compute bare metal instances review

CISCO TETRATION USES ORACLE CLOUD INFRASTRUCTURE:



Forbes: cisco tetration tries a new approach

Security begets security at cisco tetration

Navidra Yadav, founder Cisco Tetration, described the fact that the cost structure with their previous cloud vendor was very high due to the fact that they could not control the placement of their VMs.

Migrating their software to Oracle (OCI), however, they were pleasantly surprised to see that their utilization increased by 75% and their performance improved by 60x. Because of the increased performance and utilization, they were able to expand these offerings to new businesses as well.

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