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Citrix Cloud Government

FedRAMP Moderate VS High: What You Need to Know

Citrix Cloud Government

Citrix Cloud Government (CCG) has achieved FedRAMP Moderate Ready status for the Citrix Virtual Apps and Desktops (CVAD) Service. Is FedRAMP Moderate adequate for most agencies? Yes, and here's why.

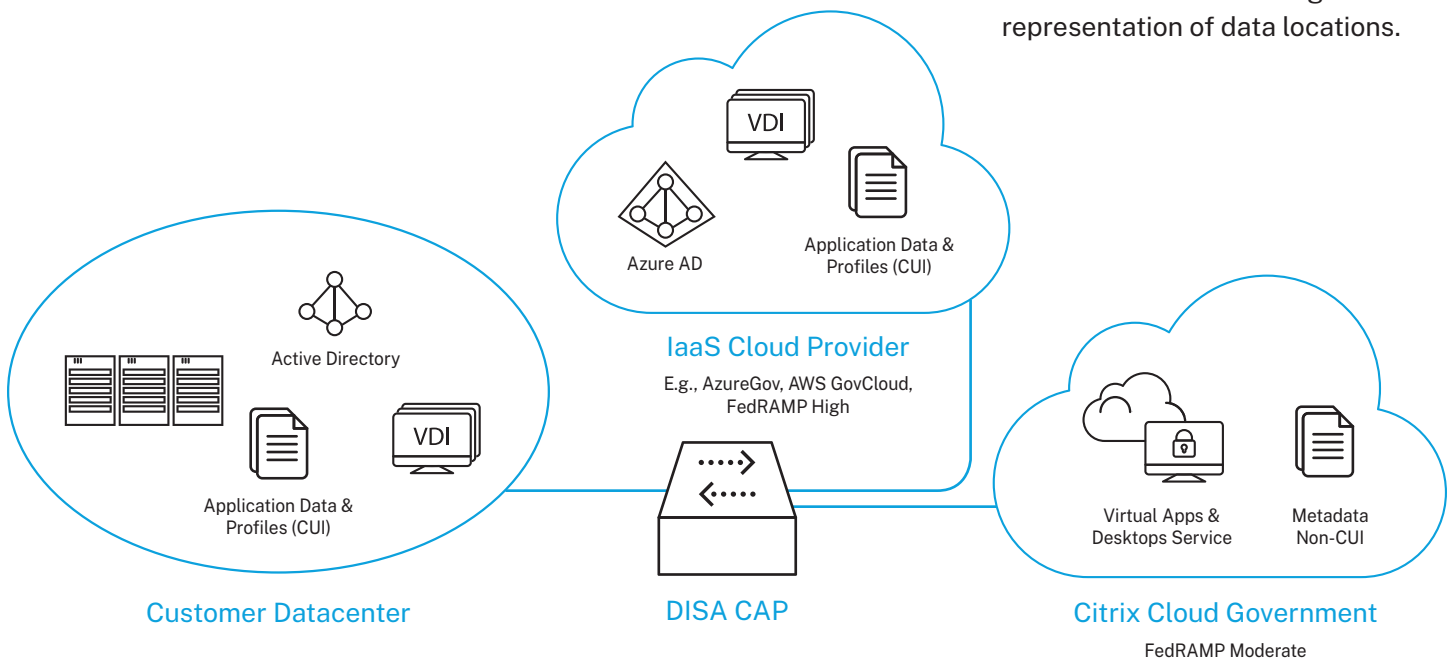## CCG CVAD Service attained FedRAMP Moderate based on the following criteria:

- The locations in which data is stored

- The security controls required for CUI vs. non-CUI information

Data Location

Certain data does require higher than FedRAMP Moderate; therefore, it is important to clarify where data resides when determining Moderate vs High.

CCG CVAD contains what is referred to as metadata. Metadata allows CVAD to understand user access for various published resources, which Citrix policies are to be applied, logging for troubleshooting, and other information specific to resource availability and location. CCG CVAD is a management plane service and does not host published resources or application/user data—and for that reason, the FedRAMP Moderate status is sufficient.

Data requiring FedRAMP High, like published resources or application/user data, can reside in a customer datacenter or another FedRAMP High cloud service. Below is a high level representation of data locations.

VDI

Azure AD

Application Data & Profiles (CUI)

Active Directory

Application Data & Profiles (CUI)

VDI

IaaS Cloud Provider
E.g., AzureGov, AWS GovCloud, FedRAMP High

Virtual Apps & Desktops Service

Metadata Non-CUI

Customer Datacenter

DISA CAP

Citrix Cloud Government
FedRAMP Moderate

Data Type Categorization

Data types are categorized using the information types in NIST SP 800-60 and documented as the FIPS 199 impact (Low, Moderate, or High) in the FedRAMP System Security Plan (SSP). The SSP describes the controls required for each impact level. Data types specific to DoD that fall outside FIPS 199 and NIST SP 800-60 fall under Controlled Unclassified Information (CUI). The table below breaks down how these types of data fall into FedRAMP Moderate and DoD Impact Levels (IL) 2 through 6. Note that FedRAMP Moderate is equivalent to IL2.

Impact Level Comparison

IMPACT LEVEL	INFORMATION SENSITIVITY	SECURITY CONTROLS	LOCATION	OFF-PREMISES CONNECTIVITY	SEPARATION	PERSONNEL REQUIREMENTS
2	Public or Non-critical Mission Information	FedRAMP v2 Moderate	US / US outlying areas or DoD on-premises	Internet	Virtual / Logical Public Community	National Agency Check and Inquiries (NACI)
4	CUI or Non-CUI Non-Critical Mission Information Non-National Security Systems	Level 2 + CUI-Specific Tailored Set	US / US outlying areas or DoD on-premises	NIPRNet via CAP	Virtual / Logical Limited "Public" Community Strong Virtual Separation Between Tenant Systems & Information	US Persons ADP-1 Single Scope Background Investigation (SSBI)
5	Higher Sensitivity CUI Mission Critical Information National Security Systems	Level 4 + NSS & CUI-Specific Tailored Set	US / US outlying areas or DoD on-premises	NIPRNet via CAP	Virtual / Logical Federal Government Community Dedicated Multi-Tenant Infrastructure Physically Separate from Non-Federal Systems Strong Virtual Separation Between Tenant Systems & Information	ADP-2 National Agency Check with Law and Credit (NACLC) Non-Disclosure Agreement (NDA)
6	Classified Secret National Security Systems	Level 5 + Classified Overlay	US / US outlying areas or DoD on-premises Cleared / Classified Facilities	SIPRNet DIRECT with DoD SIPRNet Enclave Connection Approval	**Virtual / Logical Federal Government Community** Dedicated Multi-Tenant Infrastructure Physically Separate from Non-Federal and Unclassified Systems Strong Virtual Separation Between Tenant Systems & Information	US Citizens with Favorbly Adjudicated SSBI & Secret Clearance NDA

Notes: See Section 5.2.1, *Jurisdiction / Location Requirements* for the explanation of "US / US outlying areas." | ADP-1 and ADP-2 Personnel Requirements apply to both impact levels 4 and 5. See 5.6.2, .1, .2, .3. | Level 4 / 5 off-premises CSO connectivity will be via a BCAP on any DISN network (e.g., DREN) it serves.

Citrix used the guidance in FIPS 199/NIST SP 800-60 and CUI when categorizing the data types stored within the CCG CVAD Service. It was determined that none of the data being stored was categorized as CUI. This determination was also confirmed by the Third Party Assessment Organization (3PAO) contracted by Citrix. Therefore, CCG CVAD was accredited at the FedRAMP Moderate level.

If there are additional questions about the data types stored within Citrix Cloud Government's FedRAMP boundary, your Citrix account team can set up a NDA conversation with your organization's security team. Please reach out to your Citrix account team with any questions.

Why Citrix Cloud Government?

Simplicity

Our streamlined management console expedites your deployment of Citrix Virtual App and Desktop solutions. You can build or bring your master profile to Citrix Cloud Government for instant delivery to thousands of users.

Scalability

With a simple, web-based UI management console, you can scale up or spin down virtual applications and desktops quickly for temporary use cases such as disaster recovery.

Security

Citrix Virtual Apps and Desktops on Citrix Cloud Government enable secure access from anywhere without exposing your agency network. Screen updates, mouse clicks, and keystrokes — but not data — traverse the remote connection, keeping application data safe from hackers and protecting your network from unmanaged devices

Anywhere, any device

Deliver seamless access to apps and desktops to improve efficiency and productivity. Our real-time network and performance-optimization technologies provide a fast, reliable, and high-quality experience regardless of location, device, or network connection.

Always up to date

Citrix Cloud Government continuously provides the latest management technology to ensure your deployment management is seamless, simple and secure.

What's included:

Citrix Cloud Government provides access to a suite of workspace virtualization solutions:

- Citrix Virtual Apps
- Citrix Virtual Desktops
- Citrix Workspace Service
- Citrix Workspace App
- Citrix Studio
- Citrix Director
- Citrix Cloud Connectors
- Virtual Delivery Agents for Windows Server
- Virtual Delivery Agents for Windows 10
- Virtual Delivery Agents for Red Hat Linux
- Virtual Delivery Agents for CentOS Linux
- Virtual Delivery Agents for SUSE Enterprise Linux
- Virtual Delivery Agents for Ubuntu Linux

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