



Cloud Storage

Program Overview

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Program Overview

Cloud storage is a portfolio of two cloud based storage offerings

- milDrive
- Storage as a Service

milDrive – a personal file store with collaboration and flexibility in mind. Allows synchronization of files between local drive and cloud, allowing users to share files, leverages security controls to provide least privilege.

Storage as a Service (STaaS) – provides bulk storage for applications, backups, or system images. Organizations interested in backing up images of their virtual machines, would have the ability to manage their own backup and restore of systems using this solution.



milDrive OV-1

Mission Statement and Endstate

Warfighter has continuous, reliable access to files without regard to device or location

Desired Effects:

- Increased accessibility
- Increase collaboration
- Mobility

to help achieve



Access Anywhere



Capabilities

- CAC-enabled access
- Multiple device support
- File sharing
- Reliability
- Redundancy



provides ability to



Service Description

“File Synch and Share – Anytime! Anywhere!”

- **Provides access to data based on “traditional look and feel”**
 - Mapped Drives (milDrive desktop app)
 - Web portal
- **Provides additional access methods**
 - Mobile devices (smart phones and tablets)
- **Provides ability to share data**
 - File synch and share
 - Collaboration

Storage Capacity	Recommended for user type
20 GB	Individual User
1 TB	VIPs/Team Folder



milDrive Key Benefits

- More productive end users – access data anywhere, anytime, from any approved device
- Mobile application built for Android and IOS devices
- Securely share files and folders using links
- Reduces the cost of IT resources & admin costs – eliminate NAS devices
- Save space in your mail server by replacing attachments in your inbox with links
- Eliminate the need to backup files on client devices- Store files in the cloud
- Full data protection and self-recovery of files
- Offline access to data and optimizes network bandwidth usage
- Set data policy by restricting file types



How to order milDrive

Rates: *Pending Approval*

- **Onboarding (*One Time Fee*): \$47.84**
- **20GB: \$7.29**
- **1TB: \$9.86**

To Get Started:

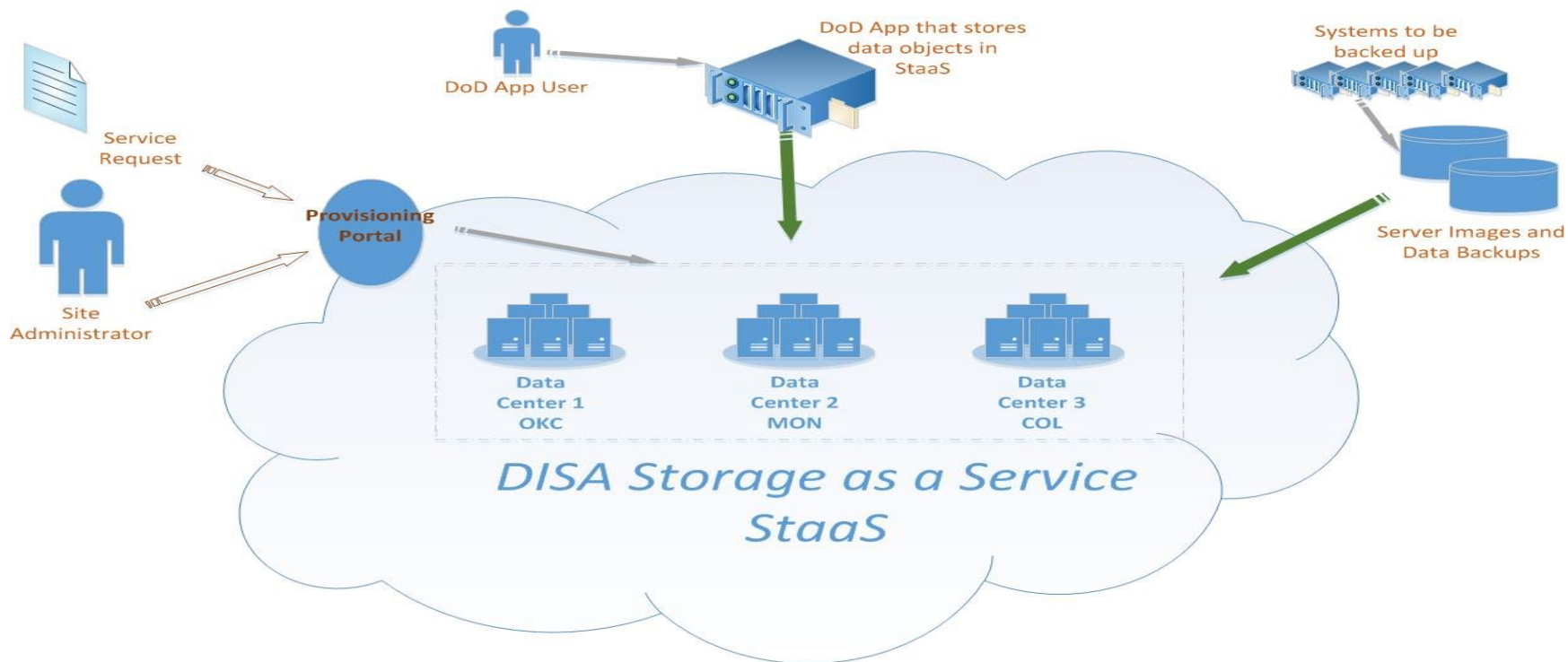
- Go to the DISA Mission Partner Engagement Portal
- Submit Service Request Form(SRF) to request licenses for your organization
- Attend Kickoff Meeting to finalize account requirements
- Assign a Site Manger & Entitlement Manager
- Sign and submit the Letter Estimate
- Access DEPO to create user accounts for license holders
- Go to <https://disa.deps.mil/service/milDrive> to download the current milDrive Desktop Client for your organization



What is Storage as a Service (STaaS)?

- **Storage as a Service (STaaS) is a storage platform based on object (File) technology that stores and transfers data using machine to machine interfaces**
 - **STaaS fragments, encodes and distributes object (Files) to 3 Data Centers**
 - **STaaS utilizes Amazon S3 API to interface with applications**
- **Primary Use Cases:**
 - **Archival and back-up data repository for bulk data transfers**
 - **Backend storage platform for Web applications with a large unstructured data profile (Documents, Images)**
 - **Hot remote site for data failover in the event of a primary site failure (i.e. COOP)**
 - **Alternative data recovery option from legacy tapes and removable storage devices**
 - **Eliminates the need for full site to site replication(Cost savings in IT Resources)**

Storage as a Service OV-1





STaaS Key Features & Mission Partners



Key Features:

- *Highly scalable cloud storage service, designed for high durability, resiliency and security*
- *Cost effective for archive and backend storage requirements*
- *Data encrypted at rest and in transit*
- *Low chance of data corruption*
- *No downtime during software upgrades, hardware refreshes and site failures*
- *Reduce Total Cost of Ownership*

Current Mission Partners

- *Air Force Life Cycle Management Center(AFLCMC) **5TB***
- *Defense Collaboration Service(DCS) **10TB***
- *NAVAIR **45.1TB***
- *DISA Splunk **20TB***
- *DISA NetBackup **12TB***



Data Center Columbus



Data Center Montgomery



Data Center Oklahoma City



How to Order STaaS

Rate: \$.30 GB per month

- **No cost per transaction**

To Get Started:

- **Setup a S3 compatible data application**
- **Submit Service Request Form(SRF)**
 - Primary POC Information (Name, Email, Phone Number) of the Storage Vault Owner
 - Vault Size (Ex. 20 TB Storage Vault)
 - The IP Addresses of the connecting servers
 - Versioning Enablement
- **Sign and submit the Letter Estimate**
- **Link your front end application with your vault**
- **Upload/Migrate your data from the application to your STaaS vault**



Questions?

For additional information please contact the:

DISA Mission Partner Engagement Office (MPEO):
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Cloud Storage PMO:
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More Information on STaaS is available at:
<https://disa.mil/Computing/Cloud-Services/Storage-as-a-Service>

milDrive Service Catalog: *Coming Soon*



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