

Cloud Archive for vCloud® Air™

Long-term data archiving for on-premises or hosted environments

“We searched for an archiving solution that was easy to use, yet provided us with a granular level of control so that we could control the archive process and also access what we wanted, when we wanted it. Cloud Archive met these, and many other, needs.”

— VP IT, US-based
Manufacturing Firm

VMware vCloud® Air™

is a secure, dedicated hybrid cloud service operated by VMware, built on the trusted foundation of VMware vSphere®.

The service supports existing workloads and third-party applications as well as new application development, giving IT a common platform for seamlessly extending its data center to the cloud.

Cloud Archive for

vCloud® Air™ is a highly scalable data archiving solution that provides virtually unlimited retention of your data from either on-premises or hosted servers, into vCloud® Air™ Object Storage.

Cloud Archive for vCloud® Air™ allows you to backup and archive data from on-premises or hosted environments directly to vCloud® Air™ Object Storage powered by Google.

Gain immediate benefits by securing your data through a cost-effective, feature-rich solution that does not involve capital budget allocations for items such as SANs, tapes, or software licenses.

Key features of Cloud Archive include: a **self-service DRaaS Cloud Management Platform interface** for secure file or volume-level recovery, **triple encryption of data at-rest**, and the ability to **restore back** to the original location directly from vCloud Air Object Storage managed from an online platform.

Problem: Management of Large Data Stores

As data volumes grow, businesses inevitably collect, and struggle to manage, massive offline and online data volumes. This data is seldom if ever used yet stored on failure prone, costly disks that in turn require their own backup, catalog, and management system. Restoring data often tends to be slow and can also be problematic if users are limited to the geographic location of the backups. Add to this overall industry concerns regarding security and it's no wonder that end users are turning to Cloud Archive.

Solution: Flexible, Accessible, Secure Archiving

Cloud Archive is a highly cost-effective and feature-rich solution replacing traditional tape backup and drive archiving, addressing each of the business problems outlined above:

- 1) Users with cold and cool data maintained solely for compliance requirements can achieve significant savings and flexibility by moving this data to vCloud Air Object Storage using Cloud Archive.
- 2) With the ability to retrieve huge data sets at blazing fast speeds, users of Cloud Archive can access data in a fraction of the time it would take to even find it via traditional backup methods, making industry users such as Manufacturing, Entertainment, and Media prime candidates for Cloud Archive.
- 3) Unique advantages of Cloud Archive include its globally deployed architecture and multi-user capability, powered by Google, that enable data retrieval to occur in a highly secure manner between separate geographical locations easily.



Differentiator: Manageability and Control

Management of the Cloud Archive service is achieved through a Management Portal interface offered as a vCloud Hybrid IaaS.

Unique to Cloud archive for vCloud Air, the Management Portal tool is used to facilitate the setup and management of Geminare DRaaS services integrated with vCloud Air Object Storage, and allows users to deploy and manage archived data, including the ability to quickly restore when needed.

How it Works

Cloud Archive for vCloud, integrated with Google Cloud Platform, is an on-line service that enables you to move data easily into vCloud Air Object Storage powered by Google, on a manual or automated schedule.

By using the Management Portal you will be able to:

- Configure Manual and Automatic archive schedules into vCloud Air Object Storage on a manual or automated schedule.
- Monitor the status of all your archive activities
- Search for data within the archived environment
- Restore data to your browser or server

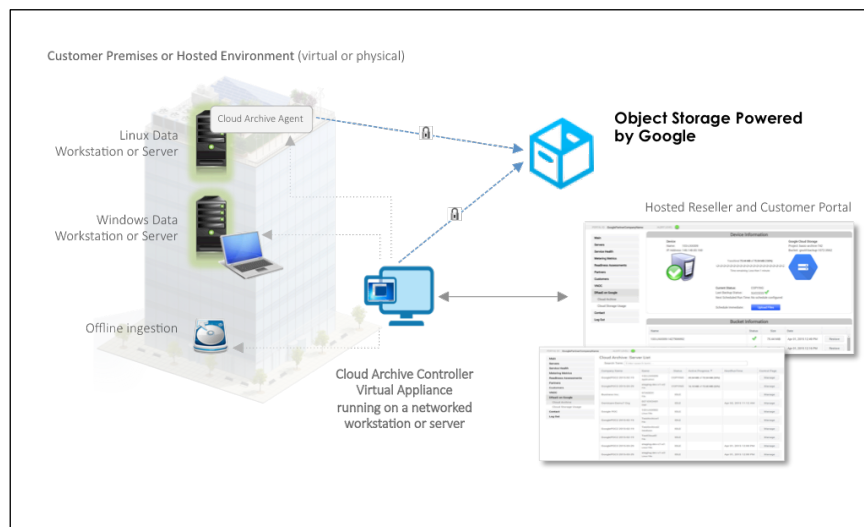
Use Case - Manufacturing

A mid-sized manufacturing company based in Minnesota, USA, and specializing in consumer goods, industrial and construction equipment leverages Cloud Archive to archive their historical sales record database and customer profile data.

As is typical of this industry, businesses such as this need to archive large volumes of detailed consumer data, yet be able to access specific information quickly.

Learn how Cloud Archive can help make your long-term storage both secure and accessible.

www.geminare.com/draasonvcloud



Service Components

- The Cloud Archive Controller Virtual Appliance is an application installed on a networked system and communicates simultaneously with all of the ingestion workstations, both local and remote. The Controller executes archive service commands, monitors the health of the backup, and reports usage and status to the Portal.
- The Portal interface provides visibility into the backups and allows for setup and control of the data archiving service. Progress and status on current and previous archived jobs are displayed in real time, and are available to

both customers and SP/Resellers. The Portal can manage multiple ingestion endpoints simultaneously, providing massive scalability from multiple sites if needed.

- All traffic flows over secured authenticated channels to vCloud Air Object Storage. The Controller communicates with the Portal without the need for a VPN connection.
- Linux workstations and servers require a Cloud Archive Software Agent to send data from the ingestion workstations into vCloud Air Object Storage directly. Windows workstations and servers archive data via the Controller and do not require an agent.
- Offline ingestion from tape or hard drives is available. Once archived, data can be viewed and managed through the Portal.

Pre-requisites

Cloud Archive works by archiving data into vCloud Air Object Storage and requires the configuration of endpoint devices and setup of the data archiving service. This includes downloading and installing the Controller that will be used to deploy archive tools, monitor, and manage the archive jobs.

An overview of the process to setup Cloud Archive is as follows:

1. Link the deployed Controller to the Management Portal.
2. Add devices to archive data from and the data locations.
3. Start a new archive job and watch the progress.
4. Test a restore of the archived data.

Supported Platforms

- Microsoft Windows Server 2003/2008/2012 (R and R2), Standard, Enterprise Edition, Web Server, DataCenter Editions, Windows Storage Server, Foundation
- Red Hat Enterprise Linux Server version 4 through 6.6
- SUSE Linux Enterprise Server 9 through 12
- CentOS version 4 through 7

Call to Action

Peace of mind and accessibility for your long-term storage needs.

To learn more about how Geminare and vCloud Hybrid Service can archive your long-term data from either on-premises or hosted environments, download a free trial at www.geminare.com/draasonvcloud or contact your Geminare or VMware partner or sales representative.