

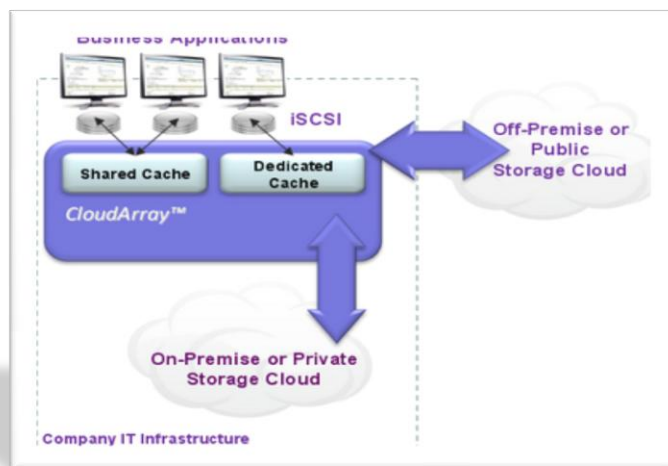
CloudArray® Virtual Appliance

CloudArray virtual appliance is a software solution that provides simple, reliable and affordable offsite data protection for companies seeking to optimize the benefits of cloud storage. The CloudArray provides iSCSI access to cloud storage from a choice of public and private cloud providers, integrating with existing business applications. There is no requirement to change existing infrastructure or to program applications to cloud storage APIs. CloudArray can also be deployed directly in the cloud for Compute Anywhere™ application and data access in the event of a primary site disaster. The CloudArray virtual appliance enables companies to further leverage the capabilities of virtual environments such as high availability and fault tolerance features already integrated into various virtualization platforms.

CloudArray virtual appliance addresses the drawbacks of the fragmented tape-based approach and built specifically to handle the urgency of your business continuity needs:

- Automated backups stored locally and in the cloud for rapid recovery
- Reduce onsite capex/opex with zero offsite investment
- Flexibly expand capacity as you grow while you pay as you go
- Maintain access control to your data in the cloud, trust it will be available when needed
- Realize immediate second site for DR without the infrastructure
- Eliminate the need to load, track, manage, and ship tapes

Compared to traditionally delivered software, CloudArray eliminates problems with unwieldy installation and configurations and can help reduce capex/opex and improve overall TCO. Administrators can simply download a single CloudArray virtual appliance that they can run on VMware, XenServer, or HyperV technology.



CloudArray Virtual Appliance

- Enables an offsite D2C (cloud) architecture
- iSCSI-attached storage
- Thin provisioning to 384TB / volume
- Policy-based dynamic caching
- Uses any local storage (SAN/NAS/DAS)
- Multiple caches with dynamic re-sizing
- Runs on VMware, XenServer, HyperV
- Runs in the cloud (EC2, VMware)
- Qualified with VMware HA
- Optional appliance in the cloud for instant DR

CloudArray Virtual Appliance Highlights

- **Zero Time Restore:** Reliable data protection technology for instant access to data eliminating long RTO's
- **Instant Disaster Recovery:** Multi-site disaster protection with replication support using single or multiple simultaneous cloud providers
- **Policy-Driven Dynamic Cache:** Flexibly assign cache resources across different applications without creating cache contention
- **Flexible Cache Configuration:** Easily create dedicated or shared cache configurations to meet performance and recovery objectives (RTO/RPO)
- **Self-Provision/On-Demand Capacity:** Easily provision capacity as needed using a pay-as-you-go model without business disruption
- **Cloud Storage Interoperability:** Integrated cloud storage support allowing choice of cloud provider without the need for API programming
- **Snapshots in the Cloud:** Built-in snapshot capability allows for scheduled or ad hoc zero foot print volume snapshots taken in the cloud
- **Encryption:** Provides the highest levels of security with AES encryption for data rest and encrypted over-the-wire transmission
- **Compression:** Data is compressed in real-time allowing for maximum network performance to and from the cloud storage provider

CloudArray Virtual Appliance Specifications

CloudArray Solutions

- CloudArray for Offsite Archive
- CloudArray for Offsite Backup
- CloudArray for Disaster Recovery

CloudArray Virtual Appliance System Requirements:

- 64-bit server running VMware ESX or ESXi Server v3.5 or higher, Citrix XenServer v5.5 or higher, Microsoft Hyper-V, Amazon EC2
- 50 GB free disk space min
- 1GHz 64-bit x86-based CPU min (2 CPUs recommended)
- 1GB RAM (2 GB recommended)
- 1Gb Ethernet network

CloudArray Control system requirements:

- PC or Mac with 1GHz or faster processor
- 512 MB of RAM or higher
- Adobe AIR 1.0.1 or higher (free download)

CloudArray Interfaces

- Host interface: iSCSI
- Hosts supported: Windows, Linux, Mac OS X, HP-UX, VMware ESX/ESXi, Solaris
- Cache storage interfaces: SAN, NAS, internal, SSD

CloudArray Control management software requirements:

- PC or Mac with 1GHz or faster processor
- Windows, Mac OS X, or Linux (Fedora, Ubuntu, OpenSUSE)
- 512 MB of RAM or higher
- Adobe AIR 1.0.1 or higher

