

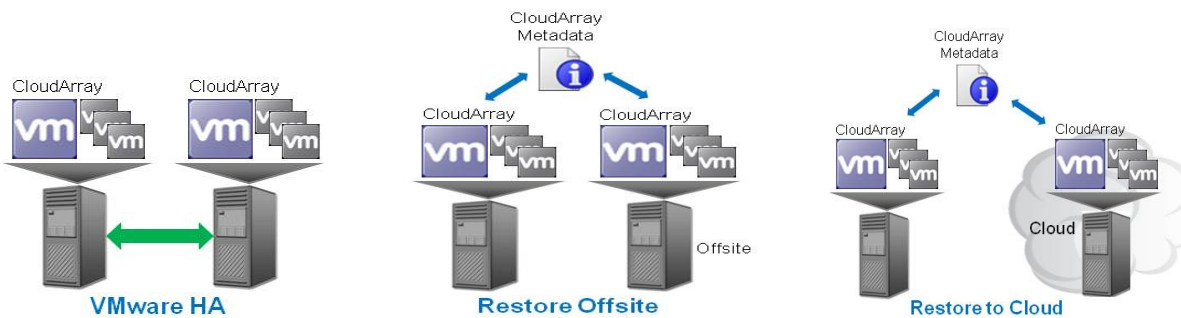
CloudArray® for Disaster Recovery

Overview

Downtime and data loss are the biggest risks and costs that a business faces. If your business can't function, then everything stops. Few companies can sustain long periods of unplanned downtime resulting from power outages, system failures, fires/floods, network attacks or even human error. Unplanned downtime can easily wreak havoc on your IT infrastructure rendering systems and communications inoperable and data inaccessible. The question is not "if" unplanned downtime will happen but "when." According to the Wall Street Journal, 92 percent of small businesses that experience significant data loss due to a major disaster go out of business within five years. With data growth exploding in the small to midsized enterprise (SME) market, companies who adopt strategies that include integrated solutions enabling them to restore data and entire systems quickly and get them back into the production cycle as soon as possible will have the best chance of survival. Minutes matter.

Solution

TwinStrata CloudArray for Disaster Recovery enables IT to effectively create and deploy a continuously available cloud-based storage infrastructure that ensures business continuity at a cost efficient price. CloudArray ensures DR flexibility while maximizing the company's existing infrastructure investment for revenue generating activities. CloudArray implements open APIs to efficiently write data directly to a number of different cloud storage platforms. With CloudArray software, you can easily maximize IT budgets by paying only for the capacity you use rather than continually building out complex, expensive, and error-prone tape-based DR strategies. Using CloudArray, your DR storage becomes virtually infinitely scalable and there is no initial hardware infrastructure cost. This means that it's essentially a "set and forget" deployment. Once CloudArray is set up, data replication to the cloud is performed automatically. You can also put CloudArray in the cloud with your servers providing a second site for DR. Just stand up your applications and connect to CloudArray for fast data restore and access. The CloudArray policy-driven solution always gives you control of your cloud-based data for recovery and disaster testing purpose.



CloudArray is VMware qualified and provides businesses the flexibility to deploy different recovery schemes to meet their needs and provides an open interface architecture enabling applications to use CloudArray as a storage target

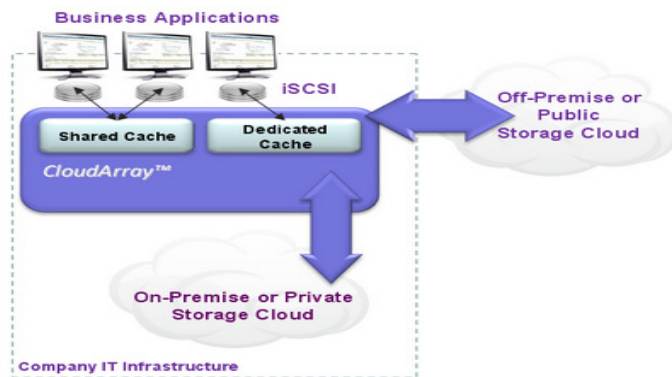


CloudArray for Disaster Recovery Benefits

CloudArray for Disaster Recovery meets business recovery objectives by automating backup and recovery and data replication across physical and virtual environments. With CloudArray, businesses can improve the effectiveness of their disaster recovery plan and failover testing and validate disaster recovery scenarios without business disruption.

CloudArray is the industry's most cost-effective, scalable disaster recovery solution that allows companies to affordably enjoy enterprise class disaster recovery while using their choice of cloud storage provider. CloudArray helps businesses of all sizes mitigate risks associated with unplanned downtime, reduce capex and opex, and lessen management complexity. CloudArray for Disaster Recovery benefits also include:

- Limiting data, financial, and reputation loss
- Ensuring services and production continue
- Coexisting with CloudArray for Offsite Backup
- Reducing the cost of DR testing
- Reducing onsite and zero off-site capex/opex
- Speeding up application recovery and data access with automation
- Meeting regulatory and due diligence requirements
- Reducing need for trained staff to handle recovery



CloudArray Virtual Appliance

- Enables a cost effective tapeless second DR site
- Delivers an automated data recovery process
- Provides better security than tape (encryption at rest and in-flight)
- Compresses data for improved performance
- Deployed as a virtual or physical appliance on VMware, Hyper-V, XenServer, or Amazon EC2

CloudArray for Disaster Recovery Highlights

- **Zero Time Restore:** Reliable data protection technology for instant access to data eliminating long RTO's
- **Instant DR:** 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 the data access objectives (RTO/RPO)
- **Self-Provision/On-Demand Capacity:** Easily provision capacity as needed using a pay-as-you-go model without business disruption
- **Open Cloud Storage:** 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 copy-on-write snapshots to restore data
- **Encryption:** Provides the highest levels of security with AES encryption for over-the-wire transmission and data at rest
- **Performance:** Data is compressed in real-time along with QoS WAN throttling allowing for maximum network performance to and from the cloud storage provider