

Top 5 Reasons for Cloud-Based Disaster Recovery

USE CASES

Avoid Building Secondary Disaster Recovery Site

Cloud-based disaster recovery allows you to protect your production environment without the expense and management burden of replicating it to a secondary site operated by core IT staff. It's a great way to improve upon existing disaster recovery plans—or get a new plan off the drawing board and into operation—with minimal cost and resources.

Replace or Enhance Traditional Disaster Recovery Solution

With cloud-based disaster recovery you can replace or enhance a traditional in-house or secondary site disaster recovery solution with newer functionality without capital investment, with elastic scaling and flexible subscription terms.

Deliver Disaster Recovery Solution for Remote Offices

Cloud-based disaster recovery makes it possible to protect remote office sites without additional CapEx investments and with lower OpEx. You can extend your current disaster recovery plan to include satellite offices with no additional recruiting, hiring, and training expenses.

There is no question that every business wants to protect their operations from downtime and loss of data. But many companies don't have the internal expertise or budget to implement the disaster recovery plan they need. Traditional disaster recovery solutions typically cost too much; they're too complex; and they are not always reliable.

VMware vCloud® Air™ Disaster Recovery introduces native cloud-based disaster recovery capabilities for VMware vSphere® virtual environments. Built on VMware's hypervisor-based replication engine, vSphere Replication, and integration support with vCloud Air, it provides simple and secure asynchronous replication, failover, and failback. Consider these top five reasons why you should look to the cloud for your disaster recovery needs.

1. Ease of Getting Started

Deploying and managing a traditional disaster recovery plan can be complex and require time, budget, and staff that you may not have. Disaster Recovery provides an easy way to get started with an effective disaster recovery plan—without investing in any hardware, without hiring and training new specialists, and without having to invest in a secondary site. The service provides a simple, secure, automated process for replicating and recovering applications and data in the case of a local disaster or disruptive event.

2. Flexible, Lower Cost Alternative

The costs of traditional disaster recovery solutions can force you to make tradeoffs on what you can afford to protect versus what you need to protect. This can leave your organization vulnerable to having inadequate protection. Disaster Recovery addresses variable capacity requirements needed to support common DR use cases, such as replication, failover, and failback, at a significantly reduced price point over traditional in-house disaster recovery solutions or managed service alternatives. You have the scalability to accommodate shifting requirements, you pay only for what you need, and you have flexible subscription options.

3. Simplified Environment

Creating a comprehensive disaster recovery plan can be complex, whether you are trying to do it yourself or are choosing a managed service provider. Disaster Recovery is built on vSphere Replication and vCloud Air, providing a common hybrid platform from your on premises data center to the cloud. This means you can leverage the same tools, skill sets, and processes that you already use. And you'll have the confidence that you will get the same reliability, security, and support you know and trust from VMware.

4. Management Consistency

The ongoing maintenance and monitoring of a disaster recovery solution can require new training and skills, and introduce time-consuming manual processes. Disaster Recovery provides a single interface and common management with your onsite VMware environment. You'll get up and running faster as your admins can use the UI that they are most familiar and comfortable with to manage your disaster recovery environment. Workflow execution and task management are available from both vSphere Replication and the vCloud Air Console to ensure access to your disaster recovery environment at all times.

“We needed a strategic disaster recovery plan consistent with our on-premises infrastructure, and VMware vCloud Air Disaster Recovery provides that seamless connection and dependable recovery, increasing business resiliency with minimal investment.”

Murray Bognovitz, Director of Information Technology, San Francisco Ballet

5. Self-Service Protection

With disaster recovery solutions, the caliber of the support available and the ability to test recovery procedures often can make a difference in the degree of confidence you have in recovering your systems. Disaster Recovery provides failover and failback workflows with vSphere Replication, and supports planned migrations and live recovery per virtual machine. You have control over what to protect and when. You can set custom Recovery Point Objectives (RPO) per virtual machine for fine-grained control over replication frequency based on business application priorities. You have the option to retain multiple recovery point snapshots, so you can recover a virtual machine to a previous known state based on your RPO settings. You also have best-in-class customer service and testing support with a single vendor to call—VMware.

Summary

With a cloud-based disaster recovery solution, you benefit from lower price points, flexible contract terms, and the scalability to grow as your needs change. vCloud Air Disaster Recovery allows you to increase business resiliency while protecting applications, with minimal investment.

To learn more about vCloud Air Disaster Recovery, visit <http://www.vmware.com/go/protectyourapps>.

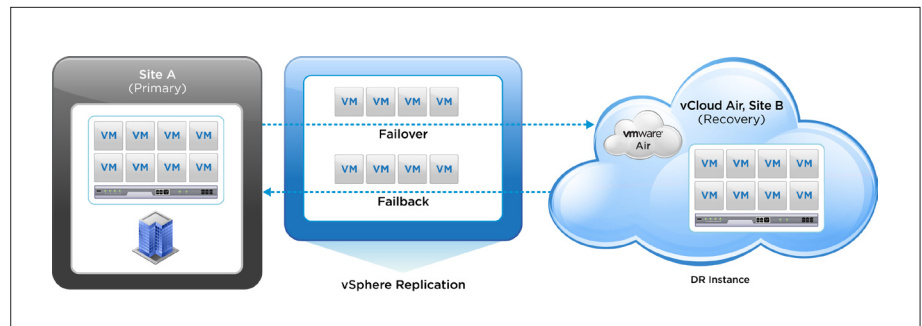


Figure 1. Cloud-based disaster recovery for VMware vSphere environments