

Business Continuity and Disaster Recovery Solutions from VMware

Protecting Desktops with VMware View 4

VMware View™ 4 optimizes the user's desktop experience by providing secure, instant access to all applications, data and settings to thin clients and laptops, whether the user is in the office or on the road.

Business Continuity Challenges

Business continuity and disaster recovery (BCDR) plans are key initiatives for IT organizations today. Downtime of important applications is costly, and extended downtime can often cause irreparable damage.

But effective BCDR can be expensive. Ensuring the fastest and most reliable recovery with traditional solutions requires costly exact duplication of production infrastructure to avoid failures resulting from hardware dependencies. Traditional recovery plans also require complex, time-consuming processes that are prone to error.

While most organizations recognize the importance of BCDR plans for important applications that reside in the corporate datacenter, many have yet to deliver similar protection plans for corporate desktops. Protecting desktops is often more difficult than protecting servers for a variety of reasons. Challenges include:

- **Inadequate protection of all desktop systems.**

With hundreds or even thousands of desktops in use across the enterprise, providing BCDR across all systems can be time-consuming and daunting task. Organizations are often unable to adequately protect more than a few privileged datacenter systems, particularly within their desktop server environment.

- **Excessive costs.**

BCDR solutions become more expensive as availability requirements increase. Many solutions require significant investments in additional hardware, software and services for every desktop device. Many BCDR plans require the purchase of identical infrastructure for all systems, further driving up costs, especially in distributed environments.

- **High complexity.**

Traditional BCDR solutions are complex to implement, manage and execute. Managing the recovery infrastructure, maintaining up-to-date documentation of complex and manual recovery procedures, and comprehensive testing plans for desktops all contribute to significant complexity.

- **Unreliable solutions.**

Testing complex business continuity solutions often requires significant equipment and human resources. The complexity of traditional BCDR solutions makes them difficult to maintain.

All of these challenges have made it difficult for organizations to implement an effective BCDR plan that spans from the datacenter to the desktop. As a result, many key IT applications and services are at risk because they lack the protection they require.

Ensuring Availability with VMware View

VMware View transforms complex device-centric desktop infrastructures into flexible user-centric environments. Virtualization decouples desktops from the underlying PC hardware, so that desktop operating systems, applications and data can be managed independently of each other in the datacenter. Virtualization simplifies desktop management through centralization, reducing costs and increasing business agility.

VMware View optimizes the user's desktop experience by providing instant access to all applications, data and settings to thin clients and laptops, whether the user is in the office or on the road. VMware View extends the reliability, automated backup, data protection and disaster recovery abilities traditionally reserved for server applications to the desktop, reducing both planned and unplanned downtime for tremendous availability gains.

Get Full Data Protection for IT Infrastructure

VMware virtualization solutions simplify backup and recovery of all data and systems. Easily recover important data within tight recovery time objectives using existing backup tools and methodologies.

Eliminate Planned and Unplanned Downtime

VMware ensures all applications have the highest level of availability with built-in service levels that are easier and more cost-effective than traditional solutions. Live migration of virtual machines eliminates the need for planned downtime, so maintenance on physical servers can be performed anytime, without user or service disruption. Advanced capabilities like the VMware Fault Tolerance (FT) feature, protects against physical failures such as network card failures or storage path failures.

Build Reliable, Efficient DR Plans

Eliminate the costs and unpredictability of traditional BCDR solutions by testing recovery plans without disrupting business continuity—eliminating the possibility of failures due to hardware differences between the primary and backup datacenters.

Key Benefits

VMware View extends the BCDR benefits of VMware vSphere™ 4 to the desktop.

- **Reliable BCDR.**

VMware View is built on the industry-leading VMware vSphere platform, and automates desktop backup and recovery of a business process in the datacenter.

- **Streamlined management and control.**

VMware View lets IT manage all desktops centrally in the datacenter and provision desktops instantly to new users, departments or offices. Instant clones can be created from a central image, and dynamic pools of desktops can also be created for quick provisioning and rapid updating.

- **Lower management costs.**

VMware View reduces the overall cost of desktop computing by up to 50 percent by centralizing management, administration and resources, and removing IT infrastructure from remote offices.

- **Better security.**

Since all data is maintained within the corporate firewall, VMware View minimizes the risk of data loss. Built-in SSL encryption provides secure tunneling to virtual desktops from unmanaged devices.

- **Rapid recovery.**

VMware software eliminates many of the slow, manual steps in traditional recovery, helping organizations meet recovery targets. Virtualization provides true hardware independence, eliminating the need to reinstall software or go through traditional recovery processes.

- **Affordable recovery.**

VMware software makes it possible to deliver rapid and reliable disaster recovery without requiring a duplicate, idle datacenter or extra desktops. Virtual machines are

recoverable on any hardware, even hardware that has been retired or repurposed from production. VMware Infrastructure makes it possible to use recovery hardware without affecting recovery operations, and without requiring reconfiguration.

• **Reduced downtime.**

VMware View helps prevent common causes of planned and unplanned downtime and minimize downtime when outages do occur.

Summary

Customers of all types and sizes are using VMware virtualization software to reduce the cost and complexity of business continuity and disaster recovery, and VMware View enables companies to cost-effectively increase availability and extend disaster recovery beyond the datacenter to all desktops.

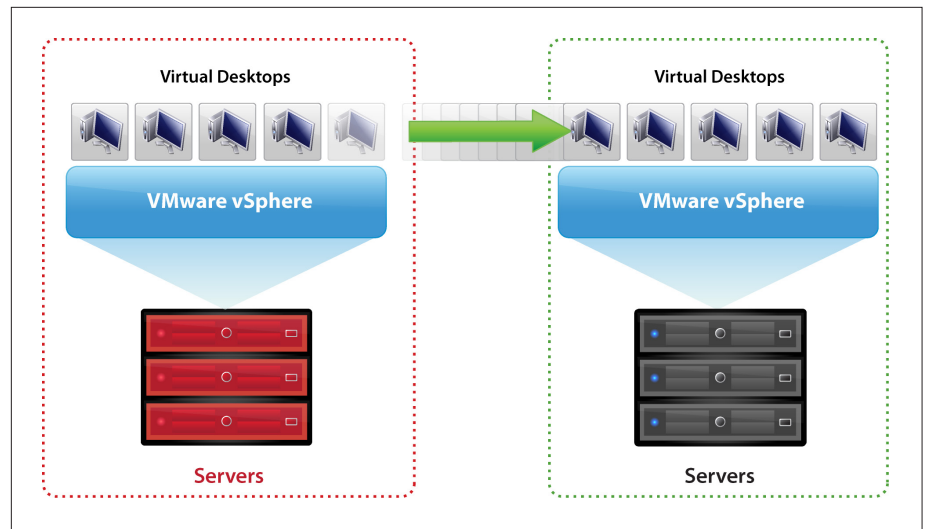
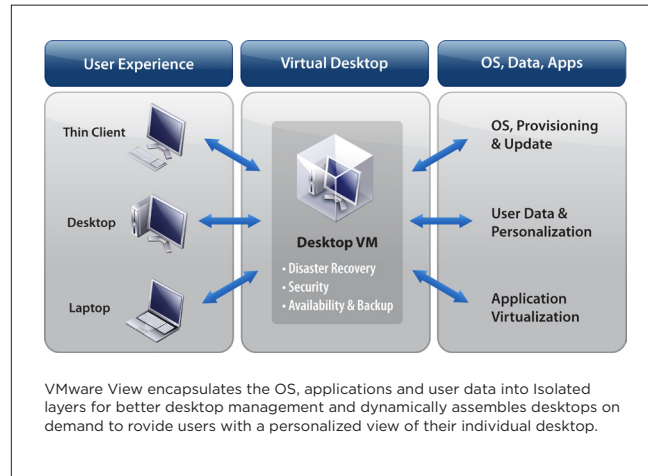


Fig 1. Give remote users a high-performance desktop experience with VMware View while protecting access to sensitive data.

