



Microsoft | Virtualization

End-to-end virtualization is now a reality

The Microsoft and Hitachi Data Systems Partnership

Hitachi Data Systems collaborates with Microsoft in developing Hitachi storage solutions that help customers take full advantage of Microsoft Windows environments and reduce cost and complexity.

As a Microsoft Gold Certified Partner, Hitachi Data Systems has helped customers deploy thousands of Windows Server environments with storage solutions that solve real world IT problems. Hitachi continues to invest in the Microsoft Partner Solutions and Enterprise Engineering Centers to jointly demonstrate some of the world's most demanding workloads in a secure scalable environment. Today, Hitachi storage solutions are embedded in many Microsoft development labs.

Hitachi Data Systems is an active partner in: Microsoft Exchange Solutions Reviewed program, Microsoft SQL Always On Technology program, SQL CAT Lab program, Microsoft Failover Cluster Configuration program and Microsoft System Center Alliance program. The Microsoft TAP programs lets Hitachi tightly integrate with new code releases long before they are released to market.

With more than 4,000 employees Hitachi Data Systems delivers storage infrastructure platforms, storage management software and storage consulting services through direct and indirect channels in over 170 countries and regions. Please visit www.hds.com.

A new Microsoft/Hitachi Data Systems Solution: Hitachi Storage Cluster for Hyper-V

Going to the next level of a successful partnership, Hitachi Data Systems delivers Microsoft Hyper-V and Hitachi Storage Cluster solutions that are 1) tightly integrated with the Microsoft Hyper-V framework, and 2) completely transparent to enable replication management inside the Microsoft console.

Product/Service Description:

Hitachi Storage Cluster for Hyper-V is a powerful new business continuity and disaster recovery solution for medium, large and enterprise scale Microsoft virtualized environments.

The solution, available through Hitachi Data Systems Global Solutions Services, combines Microsoft virtualization and clustering software with proven Hitachi hardware and software, enabling true automated failover and automatic data resynchronization of Hyper-V virtual machines and their associated data locally for business continuity purposes or across geographically dispersed sites for fail safe disaster recovery.

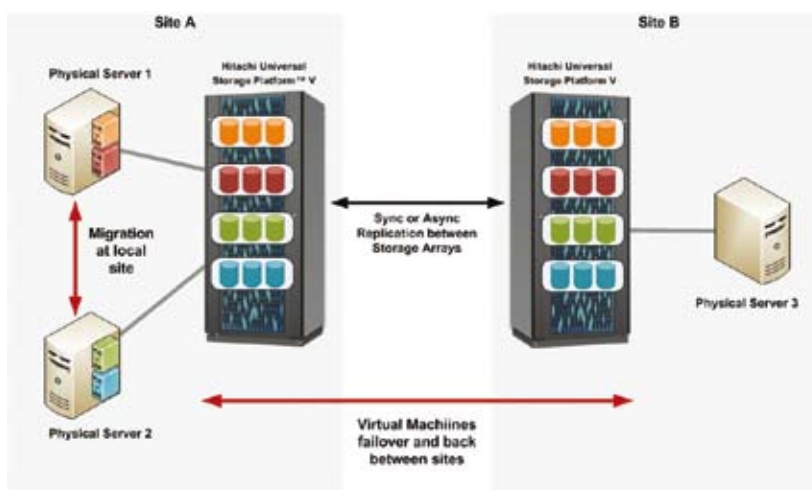
This flexibility allows organizations to tailor Hitachi Storage Cluster for Hyper-V to specific IT and business objectives and, ultimately extend the reach of their business continuity and disaster recovery efforts to additional applications and business locations for maximum availability and protection.

The Hitachi Storage Cluster for Hyper-V solution consists of Microsoft Windows Server 2008 Enterprise or Datacenter with Hyper-V technology, Hitachi Storage Cluster (HSC) software, and Hitachi TrueCopy® or Hitachi Universal Replicator software.

- Windows Server 2008 Enterprise or Datacenter with Hyper-V technology: Windows Server 2008 is the heart of the solution. It leverages key services and roles to enable a highly available and reliable virtual infrastructure, including:
 - **Hyper-V:** Microsoft's hypervisor-based server virtualization technology.
 - **Failover Clustering:** Microsoft Failover Clustering is the cornerstone of Quick Migration and is the critical failover component for the virtual server infrastructure.
 - **Server Core support:** Server Core is a minimal server installation option for computers running on the Windows Server 2008 operating system and is the preferred platform for deploying production Hyper-V environments.
- **Hitachi Storage Cluster software:** Hitachi Storage Cluster solution integrates the Quick Migration solution available with Hyper-V with Hitachi replication technologies. This integration enables simple and reliable remote replication with automated failover and automatic data resynchronization capabilities within a Hyper-V virtual environment.
- **Hitachi TrueCopy and Hitachi Universal Replicator:** The Hitachi storage system-based replication software is used by the Hitachi Storage Cluster to transport data between local or geographically dispersed sites.

How Hitachi Storage Cluster for Hyper-V Works

From a high level, Hitachi Storage Cluster for Hyper-V extends Microsoft Quick Migration functionality to remote sites, allowing users to replicate virtual machines and their associated data across metropolitan and geographically separate sites. The solution enables automated failover and automatic data resynchronization, a current – and important - differentiator in the market and supports Windows Server Core natively, which streamlines deployment in Microsoft environments.



Want to know more?

For more information on Hitachi Storage Cluster for Microsoft Hyper-V, go to:

www.hds.com/go/HyperV

or send an email to:

HyperV@hds.com

or contact your local HDS Sales Office or Authorized HDS Reseller at:

www.hds.com/contact-sales.html

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