

## Hitachi Solutions Built on Microsoft® Hyper-V™ Cloud Fast Track

The strategic partnership of Hitachi Data Systems and Microsoft has produced several industry leading solutions that help you realize the full benefits of your Hitachi Data Systems and Microsoft investment. Soon, using Hitachi solutions built on Microsoft Hyper-V Cloud Fast Track, you will be able to quickly deploy private cloud infrastructures with predictable results.

### Create a Private Cloud with Predictable Performance and Flexibility

A joint effort of Hitachi Data Systems and Microsoft, Hitachi solutions built on Microsoft Hyper-V Cloud Fast Track allow you to gain predictable results and create an avenue for further automation and orchestration when you deploy private cloud infrastructures. The solutions will be available in early 2011 when reference architectures are published.

These Hitachi solutions provide validated blueprints for combining Hitachi computing and storage with network infrastructure and Microsoft Windows Server® 2008 R2 with Hyper-V and Microsoft System Center software. Each solution is tuned to different business needs, providing a comprehensive approach. They help you quickly build and leverage the benefits of private cloud solutions to improve agility, maximize efficiency and optimize control in your data center.

#### Predictable Performance and Flexibility

The Hitachi solutions built on Microsoft Hyper-V Cloud Fast Track enable you to create building blocks for private cloud infrastructures with predictable performance

and flexibility. Hitachi Data Systems offers pre-validated reference architectures, ensuring consistent, predictable results as you build a cloud environment that is reliable, scalable, multitenant and multitiered. Map key business requirements, such as performance and capacity, to a range of solution-based reference architectures that are validated for each configuration. These Hitachi solutions provide the flexibility to scale quickly, as needed, with known results. Each solution is based on high quality Hitachi storage and servers as well as industry leading network infrastructure.

#### Simplify Deployment and Optimize with Reduced Risk

With Hitachi Data Systems pre-validated reference architectures and bill of materials, you can simplify deployment and optimize your private cloud infrastructure with reduced risk. As a single source for ordering and support of these Hitachi solutions, Hitachi Data Systems makes it easier to obtain the required components and react quickly to your changing business needs. The Hitachi solutions built on Microsoft Hyper-V Cloud

Fast Track guide and clarify the creation of private cloud building blocks. They streamline implementation for an efficient and flexible operating environment with validated results. You can further optimize control over private cloud infrastructure with:

- Coordinated management leveraging Microsoft System Center Virtual Machine Manager
- Simplified storage management with the Hitachi Virtual Storage Platform and Hitachi Command Suite
- Automated, smart data location through intelligent tiering, providing more efficient performance

#### Quickly Implement for Today's Needs, Plan for Tomorrow's

Hitachi Data Systems has a unique approach to cloud solutions. We create one platform for all data, with an integrated yet modular set of solutions and services, so that businesses can move into the cloud at their own pace and protect existing IT investments. Part of this strategy is to provide converged data center offerings that

eliminate cloud deployment issues related to a lack of standards, integration and orchestration. Another part of the strategy is to offer significant advantages in deployment speed, performance, reliability and simplified management.

The Hitachi solutions built on Microsoft Hyper-V Cloud Fast Track are converged data center solutions. You can use them to quickly address current business needs to take advantage of the innovation and efficiency of cloud computing today. You can then leverage them as a foundation for future convergent data center solutions with increasing automation and orchestration. Other converged data center solutions such as the Hitachi Unified Compute Platform will integrate physical and virtual aspects of computing, storage and network as well as provide orchestrated management to create dynamic operating environments.

Each of these products and solutions will offer a different level and focus for data center integration that will align with different business and IT needs. We provide the tools for you to build a data center that is truly virtualized, automated, cloud ready and sustainable.

## For More Information

To learn more about how Hitachi Data Systems can help you with your cloud deployments, converged data center strategies, data architecture, storage system implementation, dynamic tiering and management for multiple Microsoft data-driven applications, visit [www.hds.com](http://www.hds.com) or contact your local sales representative. Explore an engagement that will result in the optimal solution for your data center needs.

## HITACHI SOLUTIONS ADVANTAGES: PREDICTABLE PERFORMANCE AND FLEXIBILITY WITH REDUCED RISK

- Predictable, repeatable, reliable results with pre-validated reference architectures
- Faster speed to deploy and increased ability to meet changing needs, with a single source for components and prescriptive guides
- Unsurpassed performance and flexibility with 3D scaling provided by the Hitachi Virtual Storage Platform with virtual storage pools and intelligent tiering
- Extreme reliability of the Hitachi Adaptable Modular Storage and its Hitachi Dynamic Load Balancing Controller (active-active)
- Massive throughput and unprecedented configuration flexibility of Hitachi blade computing
- Business continuity with Hitachi storage clusters for Hyper-V and live migration over distance
- Simplified and centralized storage management with the Hitachi Command Suite
- Flexibility to meet today's business needs quickly while laying the foundation for future automation and orchestration

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