

WINDOWS SERVER® 2008 Hyper-V Technology Introduction



OVERVIEW

Dell's Hyper-V Technology Introduction for Windows Server® 2008 is a rapid approach to the deployment and configuration of a Hyper-V and SystemCenter Virtual Machine Manager 2008 (SCVMM) based Proof of Concept (POC) into your pre-production test lab. The solution may consist of either a single-node implementation or dual-node *highly available (HA) host-based cluster configuration. An estimated five day engagement, the Dell Consultant will assist your team by providing hands-on instruction, configuration best practice as well as usage guidance.

YOU MAY WANT TO CONSIDER OUR HYPER-V TECHNOLOGY INTRODUCTION IF...

- You need expert guidance to rapidly explore WS2008/Hyper-V/SCVMM 2008 features and functionality in a proof of concept environment at your site prior to full implementation

POTENTIAL BENEFITS

- A feature rich POC including WS2008, Hyper-V, Failover Clustering and SCVMM 2008.
- A workshop approach to enable rapid knowledge transfer of design, implementation and operational concepts as well as best practice
- Demonstrations of key product functionality, such as quick migration in your lab environment.
- Expert guidance based on "field expertise" and Dell's hardware and software solutions expertise.
- Hands-on knowledge transfer to your technical team.
- A project planning session to help identify the next steps needed to adopt Hyper-V into the enterprise.
- We can help you utilize the Microsoft Core Infrastructure Optimization framework to Simplify IT.



PRICING

- Contact your Dell account representative details

ABOUT DELL GLOBAL SERVICES

Dell Global Services simplify the management of your IT environment so you get up and running quickly, with lower deployment costs, fewer hassles and less time spent on non-strategic tasks. You pay only for the services you need, gain instant access to the latest innovations without additional infrastructure investment and take your business from maintenance to momentum.

SIMPLIFY YOUR IT MANAGEMENT AT DELL.COM/SIMPLIFY

DELL HIGH AVAILABILITY CLUSTERING SUPPORT MATRICES:

<http://www.dell.com/HA>

DELL HYPER-V REFERENCE SOLUTIONS:

<http://www.dell.com/Hyper-v>

** WS2008 Failover Clustering with Hyper-V requires compliant storage and other dependant technologies such as Active Directory ® which must be provisioned in advance and be fully functioning prior to commencement of this service.*

**SHIFT YOUR IT
RESOURCES
FROM
MAINTENANCE
TO MOMENTUM**

SERVICE HIGHLIGHT

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KEY SERVICE STEPS

Planning:

- Pre-kickoff planning to introduce key participants and confirm site readiness.

Delivery (up to 5 days on site):

- **Workshop Session**– A Dell led session used to identify common considerations, risks and other key issues needed for a successful implementation.
- **Proof of Concept Session**– Installation of Hyper-V and SCVMM in your existing lab with key functionality demonstrations.
- The installation and configuration of Hyper-V (and associated dependencies) based on Dell best practice with the guidance of a Dell Consultant.
- “Hands-on” introductory knowledge transfer of the most common features and components used.

Project Planning Session - A Dell led, session used to define the approach and next steps needed to adopt Hyper-V (with associated dependencies)

Closeout:

- Management debrief and next steps.

SAMPLE BILL OF MATERIALS

Hyper-V Failover Clustering Solution

Hardware and Software

(2+) WS2008 Enterprise or Datacenter, Dell PowerEdge R805 with up to 64GB RAM, 2 Quad-Core AMD Opteron™ Processors

(2+) Intel PRO 1000PT Dual-Port 1GbE NICs

(2) Dell PowerConnect 5424 GigE/iSCSI Switches for backbone network access

(2) Dell PowerConnect 5424 GigE/iSCSI Switches for dedicated iSCSI network

(1) Dell PowerVault MD3000i Array with Dual Storage Processors, Dual controllers (with 300GB 3.5-inch 5k SAS drives)

(1) Dell PowerVault™ MD1000 DAS Storage (with 3.5-inch 15K RPM drives)

(1) Microsoft SystemCenter with Virtual Machine Manager 2008

Services Enablement

Installation of the Dell PowerVault storage

Hyper-V Technology Introduction

CUSTOMER RESPONSIBILITIES

- Provide and be responsible for, all hardware and software needed to support this service, including up to two Dell PowerEdge WS2008/Hyper-V compliant servers and *existing provisioned* storage (if applicable) and other dependencies such as Active Directory.
- **Note:** Microsoft provides a trial version of SCVMM at no cost on Microsoft.com.
- Identify a single point of contact to make decisions and provide representation in all matters related to the success of the Technology Introduction service.
- Ensure attendance by key contacts at meetings and deliverable presentations.

Not Included with this Service

- Any guarantee as to application or solution viability, performance or fidelity.
- An engineered (aka “Production”) solution with any or all design considerations or risks identified and or remediated. This service is only intended to provide a hands-on introduction to Hyper-V (and associated dependencies) in a test lab environment.
- Any software required such as Microsoft Windows Server 2008 Enterprise Edition (Dell recommended) , SCVMM 2008, etc, must be provided to the Dell Consultant prior to commencement of the Validation Phase.
- Implementation phase activities or any activities other than those specifically noted in this service description

DELL HAS NO LIABILITY FOR LOSS OR RECOVERY OF DATA OR PROGRAMS

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