

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 Systems Center Virtual Machine Manager 2008 (SCVMM) based Proof of Concept 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. Taking an estimated three to five days, 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

- Expert guidance based on "field expertise" and Dell's hardware and software solutions expertise.
- A workshop approach to enable rapid knowledge transfer of design, implementation and operational concepts as well as best practice
- Implementation of a Proof of Concept (POC) by your technical team under the guidance of a Dell Consultant.
- Demonstrations of key product functionality, such as quick migration in your lab environment.
- A feature rich POC including WS2008, Hyper-V, Failover Clustering and SCVMM 2008 (Workgroup version).
- 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

DELL HIGH AVAILABILITY CLUSTERING SUPPORT MATRICES:

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

DELL HYPER-V REFERENCE SOLUTIONS:

<http://www.Dell.com/Virtualization>

** 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.*

SERVICE HIGHLIGHT

KEY SERVICE STEPS

Planning:

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

Delivery (estimated 3 – 5 days):

- **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 Workgroup 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-inch15K RPM drives)

(1) Microsoft Systems Center with Virtual Machine Manager 2008 WGE or Enterprise

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 Workgroup 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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