



MS55021 - Configuring and Administering Hyper-V in Windows Server 2012

Microsoft - Microsoft Cloud - Virtualizzazione e Cloud

Durata:

3 Giorni

Lingue:

Italiano

Certificazione:

-

Descrizione del corso

This three-day instructor-led course provides students with the knowledge and skills to configure and administer Hyper-V in Windows Server 2012. Students will learn the history of Virtualization as it pertains to Microsoft technologies. Students will learn the new features of Hyper-V in Windows Server 2012. After completing this course students will be able to install, configure, and administer Hyper-V in Windows Server 2012. Students will also be able to describe the High Availability features built into Hyper-V in Windows Server 2012.

Programma

1. Module 1: Planning for Virtualization
 - Overview of Microsoft Virtualization
 - Assessment of Virtualization Candidates
 - Planning for Virtualization
 - Lab : Assessing the Environment for Virtualization
 - Planning for the Hyper-V Server Role
 - Assess the environment by using the Microsoft Assessment and Planning (MAP) Toolkit
2. Module 2: Implementing Server Virtualization with Hyper-V
 - Implementing Hyper-V
 - Managing Virtual Machine Storage
 - Managing Virtual Networks
 - Lab : Installing and Configuring the Hyper-V Server Role
 - Installing the Hyper-V Server Role

ITCore Group

Via Balestra, 12
6900 Lugano (CH)
+41.091.9760019
www.itcoregroup.com

Via Lanino, 36
21047 Saronno (VA)
+39.02.84108669
www.itcoregroup.com

- Plan for Virtual Switch Configuration
- Configuring Virtual Networking
- 3. Module 3: Creating and Configuring Virtual Hard Disks and Virtual Machines
 - Creating and Configuring Virtual Hard Disks
 - Creating and Configuring Virtual Machines
 - Managing Virtual Machine Snapshots
 - Virtual Machine Import
 - Lab : Creating Virtual Hard Disks and Virtual Machines
 - Creating Virtual Hard Disks
 - Creating New Virtual Machines
 - Modifying Virtual Machine Settings
 - Creating and Modifying Virtual Machine Snapshots
 - Import Virtual Machines into Hyper-V
- 4. Module 4: Configure Networking in Hyper-V
 - Advanced features of Virtual Network Adapters
 - Hyper-V Network Virtualization
 - Hyper-V Extensible Switch
 - Lab : Configuring Network Settings
 - Configure NIC Teaming
 - Configure Advanced Network Settings
- 5. Module 5: Scale-up Virtual Machines
 - Overview of Scale-up options in Windows Server 2012
 - Non-uniform memory access (NUMA)
 - Hyper-v Scale Comparison
 - Lab : Configuring NUMA
 - Planning for Hyper-V Scale
 - Configuring NUMA
- 6. Module 6: Hyper-V Replica and Disaster Recovery
 - Overview of Hyper-V Replica
 - Configuring Hyper-V Replica
 - Hyper-V Replica Failover Operations
 - Hyper-V Backup
 - Lab : Configuring Hyper-V Replica and Backups
 - Configure Hyper-V Replica
 - Configure Hyper-V Backup and Recovery
- 7. Module 7: Hyper-V Migration

ITCore Group

Via Balestra, 12
6900 Lugano (CH)
+41.091.9760019
www.itcoregroup.com

Via Lanino, 36
21047 Saronno (VA)
+39.02.84108669
www.itcoregroup.com

- Live Migration Overview
- Storage Migration Overview
- Live Migration Security
- Live Migration using SMB
- Lab : Implementing Migration in Hyper-V
 - Configure a Failover Cluster for Hyper-V
 - Configure a Highly Available Virtual Machine
 - Configure Live Migration using SMB

ITCore Group

Via Balestra, 12
6900 Lugano (CH)
+41.091.9760019
www.itcoregroup.com

Via Lanino, 36
21047 Saronno (VA)
+39.02.84108669
www.itcoregroup.com