

Implementing Server 2012 Virtualization with Hyper-V

Questo corso è pensato per le persone che vogliono implementare le nuove funzionalità di Windows Server 2012 relativamente alla virtualizzazione con Hyper-V.

Le tecnologie prese in considerazione comprendono: Failover Clustering e Hyper-V in Failover Cluster.ration Services.

Obiettivi

- Installare e configurare i server Windows Server 2012 Hyper-V
- Monitorare e gestire i server Windows Server 2012.
- Utilizzare Windows PowerShell 3.0 per la gestione di Windows Server 2012.
- Configurare la memorizzazione su Windows Server 2012.
- Garantire una disponibilità elevata per i servizi di rete e le applicazioni mediante l'attuazione di failover clustering.
- Distribuire e configurare macchine virtuali su Hyper-V .
- Distribuire e gestire macchine virtuali Hyper-V in un failover cluster.



Durata 2 Giorni € 280,00 + iva
ExamPrep not Including

La formula **ExamPrep** consiste nella preparazione in aula utilizzando un simulatore di esame sotto la guida di un Trainer. Il Trainer valuterà le conoscenze del candidato al fine di prepararlo per conseguire la certificazione

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Module: Implementing Server Virtualization with Hyper-V
- Overview of Virtualization Technologies
- Implementing Hyper-V
- Managing Virtual Machine Storage
- Managing Virtual Networks

Lab : Implementing Server Virtualization with Hyper-V
- Installing the Hyper V Role onto a Server
- Configuring Virtual Networking
- Creating and Configuring a Virtual Machine
- Using Virtual Machine Snapshots

Module: Implementing Failover Clustering with Hyper-V
- Overview of Integrating Hyper-V with Failover Clustering
- Implementing Hyper-V Virtual Machines on Failover Clusters
- Implementing Hyper-V Virtual Machine Movement
- Managing Hyper-V Virtual Environments by Using VMM

Lab : Implementing Failover Clustering with Hyper-V
- Configuring Hyper-V Replicas
- Configuring a Failover Cluster for Hyper-V
- Configuring a Highly Available Virtual Machine

Module: Planning and Implementing Networks and Storage for Virtualization
- Planning a Storage Infrastructure for Virtualization
- Implementing a Storage Infrastructure for Virtualization
- Planning and Implementing a Network Infrastructure for Virtualization

Lab : Planning and Implementing Virtualization Networks and Storage
- Planning a Storage Infrastructure for Virtualization
- Planning a Network Infrastructure for Virtualization
- Implementing a Storage Infrastructure for Virtualization
- Implementing a Network Infrastructure for Virtualization

Module: Planning and Deploying Virtual Machines
- Planning Virtual Machine Configuration
- Preparing for Virtual Machine Deployments with VMM
- Deploying Virtual Machines

Lab : Planning and Implementing a Virtual Machine Deployment and Management Strategy
- Planning Physical to Virtual Server Conversions
- Planning Virtual Machine and Service Templates
- Configuring VMM Profiles and Templates

Module: Planning and Implementing High Availability for File Services and Applications
- Planning and Implementing Storage Spaces
- Planning and Implementing DFS
- Planning and Implementing Network Load Balancing

Lab : Planning and Implementing High Availability for File Services and Applications
- Planning a High Availability Strategy for File Services
- Planning a High Availability Strategy for Web Applications
- Implementing a High Availability Solution for File Storage
- Implementing a High Availability Solution Using Network Load Balancing

Module: Planning and Implementing a Highly Available Infrastructure Using Failover Clustering
- Planning a Failover Clustering Infrastructure
- Implementing Failover Clustering
- Integrating Failover Clustering with Server Virtualization
- Planning a Multi-Site Failover Cluster

Lab : Planning and Implementing a Highly Available Infrastructure Using Failover Clustering
- Designing Highly Available Server Roles
- Implement Hyper-V Replica
- Deploy a Failover Cluster
- Implement a Scale-Out File Server
- Implement Highly Available Virtual Machines
- Implement Operations Manager and VMM Integration

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