



MS20414 - Implementing an Advanced Server Infrastructure

Microsoft - Windows Server 2012 - Sistemistica

Durata:

5 Giorni

Lingue:

Italiano

Certificazione:

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Descrizione del corso

Get hands-on instruction and practice planning, designing and deploying a physical and logical Windows Server® 2012 R2 enterprise infrastructure in this 5-day Microsoft Official course. This course is part two in a series of two courses that provides the skills and knowledge necessary to design and implement a Windows Server 2012 R2 infrastructure in an enterprise environment. The two courses collectively cover designing, planning, deploying, securing, monitoring, automating, and virtualizing an enterprise server infrastructure. This course covers the knowledge and skills to plan and implement a highly available, secure infrastructure with focus on Active Directory® Federation Service (AD FS), public key infrastructure (PKI), and Active Directory Rights Management Services (AD RMS). You will also learn the skills needed to plan and deploy virtual machines including self-service and automation of virtual machine deployments as well as planning and implementing a monitoring strategy that includes Microsoft® System Center 2012 R2-Operations Manager. This course maps directly to and is the preferred choice for hands-on preparation for Microsoft Certified Solutions Expert (MCSE): Exam 414: Implementing an Advanced Server Infrastructure, which is the fifth of five exams required for MCSE: Server Infrastructure certification.

Programma

1. Overview of Management in an Enterprise Data Center
 - Overview of the Enterprise Data Center
 - Overview of the Microsoft System Center 2012 Components
 - Considerations for Implementing an Enterprise Data Center
2. Planning and Implementing a Server Virtualization Strategy

ITCore Group

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- Planning a VMM Deployment
- Planning and Implementing a Server Virtualization Host Environment
- Planning and Implementing a Network Infrastructure for Virtualization
- 3. 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
- 4. Planning and Deploying Virtual Machines
 - Planning Virtual Machine Configuration
 - Preparing for Virtual Machine Deployments with VMM
 - Deploying Virtual Machines
- 5. Module 5: Planning and Implementing a Virtualization Administration Solution
 - Planning and Implementing Automation with System Center 2012
 - Planning and Implementing System Center 2012 Administration
 - Planning and Implementing Self-Service Options in System Center 2012
- 6. Module 6: Planning and Implementing a Server Monitoring Strategy
 - Planning Monitoring in Windows Server 2012
 - Overview of System Center Operations Manager
 - Planning and Configuring Management Packs
 - Planning and Configuration Notifications and Reporting
 - Configuring Integration with VMM
- 7. Module 7: Planning and Implementing High availability for File Services and Applications
 - Planning and Implementing Storage Spaces
 - Planning and Implementing Distributed File System (DFS)
 - Planning and Implementing Network Load Balancing (NLB)
- 8. Module 8: Planning and Implementing a High-availability Infrastructure Using Failover Clustering
 - Planning an Infrastructure for Failover Clustering
 - Implementing Failover Clustering
 - Integrating Failover Clustering with Server Virtualization
 - Planning a Multisite Failover Cluster

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9. Module 9: Planning and Implementing Server Update Infrastructure
 - Planning and Implementing a WSUS Deployment
 - Planning Software Updates with System Center 2012 Configuration Manager
 - Planning and Implementing Updates in a Server Virtualization Infrastructure
 - Planning and Implementing Virtual Machine Backup and Recovery
10. Module 10: Planning and Implementing a Business Continuity Strategy
 - Overview of Business Continuity Planning
 - Planning and Implementing Backup Strategies
 - Planning and Implementing Recovery
 - Planning and Implementing Backup and Recovery of Virtual Machines
11. Module 11: Planning and Implementing an Public Key Infrastructure
 - Planning and Implementing Deployment of a Certification Authority
 - Planning and Implementing Certificate Templates
 - Planning and Implementing Certificate Distribution and Revocation
 - Planning and Implementing Key Archival and Recovery
12. Module 12: Planning and Implementing an identity Federation Infrastructure
 - Planning and Implementing an Active Directory Federation Services (AD FS) Server Infrastructure
 - Planning and Implementing AD FS Claims Providers and Relying Parties
 - Planning and Implementing AD FS Claims and Claim Rules
13. Module 13: Planning and Implementing an Information Rights Management Infrastructure
 - Planning and Implementing an AD RMS Cluster
 - Planning and Implementing AD RMS Templates and Policies
 - Planning and Implementing External Access to AD RMS Services
 - Planning and Implementing AD RMS Integration with Dynamic Access Control (DAC)

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