Configuring Advanced Windows Server 2012 Services

Varighed: 5 Days   Kursus Kode: M20412   Leveringsmetode: Elearning (Self-paced)

Beskrivelse:

This version of this course 20412A utilizes pre-release software in the virtual machines for the labs.
The Microsoft On-Demand course is part three, of a series of three courses, which provides the skills and knowledge necessary to implement a core Windows Server 2012 Infrastructure in an existing enterprise environment. The three courses in total will collectively cover implementing, managing, maintaining and provisioning services and infrastructure in a Windows Server 2012 environment.
While there is some cross-over inskillset and tasks across the three courses, this GK Digital Learning course will primarily cover advanced configuration and services tasks necessary to deploy,manage and maintain a Windows Server 2012 infrastructure, such as identity management and identity federation, network load balancing, business continuity and disaster recovery, fault tolerance and rights management.
This MOC-OD course is also preparation material, and maps directly to, Exam 70-412: Configuring Advanced Windows Server 2012 Services.
EXCLUSIVE! This course is also available as part of our Microsoft Total Access collection subscription which includes access to all available Microsoft Official Course On-Demand titles for 12 months. Learn more about the MicrosoftTotal Access collection on http://emea.gkondemand.com/ or call your Training Advisor for details.

Målgruppe:

This course is intended for IT Professionals who are experienced implementing, managing and maintaining a Windows Server 2008, Windows Server 2008 R2 or Windows Server 2012 infrastructure in an existing Enterprise environment, and wish to acquire the skills and knowledge necessary to carry out advanced management and provisioning of services within that Windows Server 2012 environment. Students would typically be very experienced System Administrators and should have hands on experience working in a Windows Server 2008, Windows Server 2008 R2 or Windows Server 2012 environment.
A secondary audience for this course will be candidates looking to take Exam 70-412: Configuring Advanced Windows Server 2012 Services, or are aspiring to acquire the Microsoft Certified Solutions Associate (MCSA) credential, either in its own right, or in order to proceed in acquiring the Microsoft Certified Solutions Expert (MCSE) credentials, for which the MCSA credential is a pre-requisite.

Agenda:

- After completing this course, students will be able to:

- Implement Advanced Network Services

- Implement Advanced File Services

- Implement Dynamic Access Control

- Implement Network Load Balancing

- Implement Failover Clustering

- Implement Failover Clustering with Hyper-V

- Implement Disaster Recovery

- Implement Distributed AD DS Deployments

- Implement AD DS Sites and Replication

- Implement AD CS

- Implement AD RMS

- Implement AD FS

Forudsætninger:

Before attending this course, students must have:

- Real world, hands on experience working in a Windows Server 2008, Windows Server 2008 R2 or Windows Server 2012 Enterprise environment.
- Real world experience Implementing, Managing and Configuring Active Directory and Networking infrastructure
- Knowledge equivalent to the learning's covered in "20410A: Installing and Configuring Windows Server 2012" and "20411A: Administering Windows Server 2012" courses, as this course will build upon that knowledge

Indhold:

Module 1: Implementing Advanced Network Services

- Configuring Advanced DHCP Features
- Configuring Advanced DNS Settings
- Implementing IP Address Management

Module 2: Implementing Advanced File Services

- Configuring iSCSI Storage
- Configuring Branch Cache
- Optimizing Storage Usage

Module 3: Implementing Dynamic Access Control

- Overview of Dynamic Access Control
- Planning for a Dynamic Access Control Implementation
- Configuring Dynamic Access Control

Module 4: Implementing Network Load Balancing

- Network Load Balancing Overview
- Configuring a Network Load Balancing Cluster
- Planning a Network Load Balancing Implementation

Module 5: Implementing Failover Clustering

- Overview of Failover Clustering
- Implementing a Failover Cluster
- Configuring Highly-Available Applications and Services on a Failover Cluster
- Maintaining a Failover Cluster
- Implementing a Multi-Site Failover Cluster

Module 6: Implementing Failover Clustering with Hyper-V

- Overview of the Integration of 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 System Center Virtual Machine Manager

Module 7: Implementing Disaster Recovery

- Disaster Recovery Overview
- Implementing Windows Server Backup
- Implementing Server and Data Recovery

Module 8: Implementing Distributed AD DS Deployments

- Overview of Distributed AD DS Deployments
- Implementing a Distributed AD DS Deployment
- Configuring AD DS Trusts

Module 9: Implementing AD DS Sites and Replication

- Overview of AD DS Replication
- Configuring AD DS Sites
- Configuring and Monitoring AD DS Replication

Module 10: Implementing AD CS

- Public Key Infrastructure Overview
- Deploying Certification Authorities
- Deploying and Managing Certificate Templates
- Implementing Certificate Distribution and Revocation
- Managing Certificate Recovery

Module 11: Implementing AD RMS

- Active Directory Rights Management Overview
- Deploying and Managing an AD RMS Infrastructure
- Configuring AD RMS Content Protection
- Configuring External Access to AD RMS

Module 12: Implementing AD FS

- Overview of Active Directory Federation Services
- Deploying Active Directory Federation Services
- Implementing AD FS for a Single Organization

Deploying AD FS in a Business to Business Federation Scenario

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Flere Informationer:

For yderligere informationer eller booking af kursus, kontakt os på tlf.nr.: 44 88 18 00

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