



CONFIGURING ADVANCED WINDOWS SERVER 2012 SERVICES – EXAM 70-412

This hands-on course provides students with knowledge and develops their skills to get experience necessary to Configure Advanced Windows Server 2012 R2 Services.

This course focuses on advanced configuration of services, such as advanced networking services, Active Directory Domain Services (AD DS), Active Directory Rights Management Services (AD RMS), Active Directory Federation Services (AD FS), Network Load Balancing, Failover Clustering, business continuity and disaster recovery services as well as access and information provisioning and protection technologies such as Dynamic Access Control (DAC), and Web Application Proxy integration with AD FS and Workplace Join.

This course is part three of three towards your MCSA: Windows Server 2012 credential.

COURSE OUTLINE

Implementing Advanced Network Services

- Configuring Advanced DHCP Features
- Configuring Advanced DNS Settings
- Implementing IPAM
- Managing IP Address Spaces with IPAM

Implementing Advanced File Services

- Configuring iSCSI Storage
- Configuring BranchCache
- Optimizing Storage Usage

Implementing Dynamic Access Control

- Overview of DAC
- Implementing DAC Components



- Implementing DAC for Access Control
- Implementing Access Denied Assistance
- Implementing and Managing Work Folders Managing Computer Accounts
Delegating Administration

Implementing Distributed Active Directory Domain Services Deployments

- Overview of Distributed AD DS Deployments
- Deploying a Distributed AD DS Environment
- Configuring AD DS Trusts

Implementing Active Directory Domain Services Sites and Replication

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

Implementing AD CS

- Using Certificates in a Business Environment
- PKI Overview
- Deploying CAs
- Deploying and Managing Certificate Templates
- Implementing Certificate Distribution and Revocation
- Managing Certificate Recovery

Implementing Active Directory Rights Management Services

- AD RMS Overview
- Deploying and Managing an AD RMS Infrastructure
- Configuring AD RMS Content Protection
- Configuring External Access to AD RMS



Implementing and Administering AD FS

- Overview of AD FS
- Deploying AD FS
- Implementing AD FS for a Single Organization
- Deploying AD FS in a Business-to-Business Federation Scenario
- Extending AD FS to External Clients

Implementing Network Load Balancing

- Overview of NLB
- Configuring an Managing NLB Cluster
Planning an NLB Implementation

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

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

Implementing Business Continuity and Disaster Recovery