ACTIVE DIRECTORY SERVICES WITH WINDOWS SERVER (M10969)

Course Code: 6501


In this course, you will learn how to better manage and protect data access and information, simplify deployment and management of your identity infrastructure, and provide more secure access to data. You will learn how to configure some of the key features in Active Directory such as Active Directory Domain Services (AD DS), Group Policy, Dynamic Access Control (DAC), Work Folders, Work Place Join, Certificate Services, and Rights Management Services (RMS).

This course incorporates materials from the Official Microsoft Learning Product 10969: Active Directory Services with Windows Server.

This course is also available in the On-Demand delivery format with digital Microsoft Official Courseware (dMOC). Click here to purchase.

What You’ll Learn

• Deploy and administer AD DS in Windows Server 2012
• Secure AD DS deployment
• Implement AD DS sites, configure and manage replication
• Implement and manage Group Policy
• Manage user settings with Group Policy
• Implement certification authority (CA) hierarchy with AD CS and how to manage CAs
• Implement, deploy and manage certificates
• Implement and manage AD RMS
• Implement and administer AD FS
• Secure and provision data access using technologies such as DAC, Work Folders and Workplace Join
• Monitor, troubleshoot, and establish business continuity for AD DS services
• Implement and administer Active Directory Lightweight Directory Services (AD LDS)

Who Needs to Attend

Experienced Information Technology (IT) professionals with AD DS experience that
are looking to further develop knowledge and in Windows Server 2012 and Windows Server 2012 R2

Prerequisites

• Experience working with AD DS
• Experience working in a Windows Server infrastructure enterprise environment
• Experience working with and troubleshooting core networking infrastructure technologies such as name resolution, IP
• Addressing, Domain Name System (DNS), and Dynamic Host Configuration Protocol (DHCP)
• Experience working with Hyper-V and server virtualization concepts
• An understanding of general security best practices
• Experience working hands on with Windows client operating systems such as Windows Vista, Windows 7, or Windows 8
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VIRTUAL CLASSROOM LIVE $2,995 USD 5 days

Virtual Classroom Live Outline

1. Overview of Access and Information Protection
   - Introduction to Access and Information Protection Solutions in Business
   - Overview of AIP Solutions in Windows Server 2012
   - Overview of FIM 2010 R2

2. Advanced Deployment and Administration of AD DS
   - Deploying AD DS
   - Deploying and Cloning Virtual Domain Controllers
   - Deploying Domain Controllers in Windows Azure
   - Administering AD DS

3. Securing AD DS
   - Securing Domain Controllers
   - Implementing Account Security
   - Implementing Audit Authentication

4. Implementing and Administering AD DS Sites and Replication
   - Overview of AD DS Replication
   - Configuring AD DS Sites
   - Configuring and Monitoring AD DS Replication

5. Implementing Group Policy
   - Introducing Group Policy
   - Implementing and Administering GPOs
   - Group Policy Scope and Group Policy Processing
   - Troubleshooting the Application of GPOs

6. Managing User Settings with Group Policy
   - Implementing Administrative Templates
   - Configuring Folder Redirection and Scripts
7. Deploying and Managing AD CS
   • Deploying CAs
   • Administering CAs
   • Troubleshooting, Maintaining, and Monitoring CAs

8. Deploying and Managing Certificates
   • Using Certificates in a Business Environment
   • Deploying and Managing Certificate Templates
   • Managing Certificates Deployment, Revocation, and Recovery
   • Implementing and Managing Smart Cards

9. Implementing and Administering AD RMS
   • Overview of AD RMS
   • Deploying and Managing an AD RMS Infrastructure
   • Configuring AD RMS Content Protection
   • Configuring External Access to AD RMS

10. 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

11. Implementing Secure Shared File Access
    • Overview of Dynamic Access Control
    • Implementing DAC Components
    • Implementing DAC for Access Control
    • Implementing Access Denied Assistance
    • Implementing and Managing Work Folders
    • Implementing Workplace Join

12. Monitoring, Managing, and Recovering AD DS
    • Monitoring AD DS
    • Managing the AD DS Database
    • AD DS Backup and Recovery Options for AD DS and Other Identity and Access Solutions

13. Implementing Windows Azure Active Directory
    • Overview of Windows Azure AD
    • Managing Windows Azure AD Accounts

14. Implementing and Administering AD LDS
    • Overview of AD LDS
    • Deploying AD LDS
    • Configuring AD LDS Instances and Partitions
    • Configuring AD LDS Replication
- Integrating AD LDS with AD DS

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