

Course Outline: 6425 _ Configuring Windows Server 2008 Active Directory Domain Services

Learning Method: Instructor-led Classroom Learning

Duration: 5.00 Day(s)/ 40 hrs

Overview:

This five day instructor led course provides to teach Active Directory Technology Specialists with the knowledge and the skills to policies perform back-up and restore monitor and troubleshoot Active Directory related issues a distributed environment implement group.

Who Should Attend:This course is intended for individuals who are employed as a PC Technician, Systems Administrator, Systems Engineer and IT Manager

At Course Completion:

After completing this course, students will be able to implement and configure Active Directory Domain Services in an enterprise environment.

- Describe Active Directory Domain Services and DNS Integration
- Configure Active Directory Integrated Zones
- Configure Read Only DNS
- Configure Active Directory Objects.
- Describe strategies for using Groups
- Describe AD DS replication
- Configure and monitor AD DS replication Describe Group Policies
- Manage Group Policy objects
- Configure Group Policy settings
- Deploy software using Group Policy
- Configure security settings
- Restrict group membership and access to software
- Monitor Active Directory Domain Services using Event Viewer.
- Monitor Active Directory Domain servers using Reliability and Performance monitor
- Troubleshoot Active Directory Domain Services
- Describe Group Policy troubleshooting

Outline:

Module 1-1: Configuring DNS for AD

Lessons

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- Overview of Active Directory Domain Services and DNS Integration
- Configuring Active Directory Integrated Zones
- Configuring Read Only DNS

Lab: Configuring DNS for AD DS

Module 1-2: Installing Active Directory Domain Services

Lessons

- Installing Active Directory Domain Services
- Verifying the AD DS Installation
- Deploying Read-Only Domain Controllers
- Configuring AD DS Domain Controller Roles

Lab: Installing Active Directory Domain Services

Module 2-1: Configuring Active Directory Objects and Trusts

Lessons

- Configuring Active Directory Objects
- Strategies for Using Groups
- Automating AD DS Object Management
- Delegating Administrative Access to AD DS Objects
- Configuring AD DS Trusts

Lab2-1: Configuring Active Directory Objects and Trusts

Module 2-2: Configuring Active Directory Sites and Replication

Lessons

- Overview of Active Directory Domain Services Replication
- Overview of AD DS Sites and Replication
- Configuring and Monitoring AD DS Replication

Lab: Configuring Active Directory Sites and Replication

Module 3-1: Creating and Configuring Group Policy

Lessons

- Overview of Group Policies
- Configuring the Scope of Group Policy Objects
- Evaluating the Application of Group Policy Objects
- Managing Group Policy Objects
- Delegating Administrative Control of Group Policies

Lab: Creating and Configuring Group Policies

Module 3-1: Managing User Environments with Group Policy

Lessons:

- Configuring Group Policy Settings
- Configuring Scripts and Folder Redirection Using Group Policy
- Configuring Preferences
- Configuring Administrative Templates
- Deploying Software Using Group Policy

Lab3-2: Configuring User Environments Using Group Policies

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Module 4-1: Implementing Security Using Group Policies

Lessons:

- Configuring Security Policies
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- Implementing Fine-Grained Password Policies
- Restricting Group Membership and Access to Software
- Managing Security Using Security Templates

Lab: Implementing Security Using Group Policies

Module 4-2: Implementing an Active Directory Domain Services Monitoring and Maintenance Plan

Lessons:

- Monitoring Active Directory Domain Services
- Configuring Active Directory Domain Services Auditing
- Maintaining the AD DS Domain Controllers
- Backing Up and Restoring Active Directory Domain Services

Lab4-2: Implementing an Active Directory Domain Services Maintenance Plan

Module 5-1: Troubleshooting Active Directory, DNS, and Replication Issues

Lessons:

- Troubleshooting Active Directory Domain Services
- Troubleshooting DNS Integration with AD DS
- Troubleshooting AD DS Replication

Lab5-1: Troubleshooting Active Directory, DNS and Replication Issues

Module 5-2: Troubleshooting Group Policy Issues

Lessons:

- Introduction to Group Policy Troubleshooting
- Troubleshooting Group Policy Application
- Troubleshooting Group Policy Settings

Lab5-2: Troubleshooting Group Policy Issues

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