

Active Directory for Support Professionals - AP03 Course, Class Outline (3 days)

Module 1: Introduction to Active Directory Infrastructure (2279 mod 1)

This module introduces students to the Active Directory infrastructure, its logical and physical structure, and its function as a directory service. The module also introduces the command-line tools and snap-ins that you can use to examine the components of Active Directory and the Active Directory design, planning, and implementing process.

Lessons

- The Architecture of Active Directory
- How Active Directory Works
- Examining Active Directory
- The Active Directory Design, Planning, and Implementation Processes

Module 2: Introduction to Administering Accounts and Resources (2274 mod 1)

This module explains how to administer accounts and resources on computers running Microsoft Windows Server 2003 software in a networked environment.

Lessons

- Multimedia: Introduction to Administering Accounts and Resources
- The Windows Server 2003 Environment
- Logging on to Windows Server 2003
- Using the Run As Feature for Administration
- Installing and Configuring Administrative Tools
- Creating an Organizational Unit

Lab: Creating Organizational Units

- Creating an Organizational Unit

Module 3: Managing User and Computer Accounts (2274 mod 2)

This module explains how to modify user and computer accounts on computers running Microsoft Windows Server 2003 in a networked environment.

Lessons

- Creating User Accounts
- Creating Computer Accounts
- Modifying User and Computer Account Properties
- Creating a User Account Template
- Managing User and Computer Accounts
- Using Queries to Locate User and Computer Accounts in Active Directory

Lab: Managing User and Computer Accounts

- Creating User Accounts
- Creating Computer Accounts
- Using Queries to Locate Objects
- Modifying User and Computer Properties

Module 4: Managing Groups (2274 mod 3)

This module explains how to perform various administrative functions using groups.

Lessons

- Creating groups.
- Managing group membership.
- Strategies for using groups.
- Using default groups.

Lab: Creating and Managing Groups

- Creating Global and Domain Local Groups
- Managing Group Membership
- Managing Default Groups

Module 5: Implementing Group Policy (2274 mod 8)

This module explains the purpose and function of Group Policy in a Microsoft Windows Server 2003 environment. It also explains how to implement Group Policy objects (GPOs) and manage GPOs.

Lessons

- Implementing Group Policy Objects
- Implementing GPOs on a Domain
- Managing the Deployment of Group Policy

Lab: Implementing a GPO

- Disabling and Deleting a GPO
- Creating and Linking Multiple GPOs
- Filtering the GPOs to Exempt Selected Users
- Backing Up and Importing GPO Settings

Module 6: Implementing Group Policy

This module explains how to plan and implement a Group Policy strategy to centrally manage users and computers in an enterprise.

Lessons

- Creating and Configuring Group Policy objects (GPOs)
- Configuring Group Policy Refresh Rates and Group Policy Settings
- Managing GPOs
- Verifying and Troubleshooting Group Policy
- Delegating Administrative Control of Group Policy
- Planning a Group Policy Strategy for the Enterprise

Lab A: Implementing Group Policy

Module 7: Deploying and Managing Software by Using Group Policy (2279 mod 6)

In this module, students learn how to deploy and manage software by using Group Policy. The module focuses on basic concepts of deploying, configuring, and maintaining software, troubleshooting deployed software, and planning software deployment.

Lessons

- Introduction to Managing Software Deployment
- Deploying Software
- Configuring Software Deployment
- Maintaining Deployed Software
- Troubleshooting Software Deployment
- Planning a Software Deployment Strategy

Lab A: Deploying and Managing Software Using Group Policy

Module 8: Implementing Sites to Manage Active Directory Replication (2279 mod 7)

This module explains how to implement sites to manage and monitor replication in Active Directory. The module presents basic concepts of replication and sites in Active Directory, specifically: creating, configuring, and managing sites; monitoring and troubleshooting replication failures; and planning a site strategy.

Lessons

- Introduction to Active Directory Replication
- Creating and Configuring Sites
- Managing Site Topology
- Troubleshooting Replication Failures
- Planning a Site

Lab A: Implementing Sites to Manage Active Directory Replication