Windows Server 2022 Active Directory
Length: 5 Days

About this Course

This comprehensive courseware covers the fundamental and advanced aspects of Active Directory, including the installation, configuration, and management of domain controllers, user and group management, and the implementation of Group Policy. You will also delve into advanced topics such as Active Directory Federation Services (AD FS), Certificate Services, and Rights Management Services (RMS), providing a holistic understanding of identity and access management.

Course outline

Module 1: Install and Configure Active Directory Domain Services

- Install and Configure Domain Controllers
- Create and Manage Active Directory Users and Computers
- Create and Manage Active Directory Groups and Organizational Units (OUs)

Module 2: Managing Active Directory Objects

- Automate Account Creation and Bulk AD Operations
- Configuring and Managing User Accounts
- Object Creation and Customization Using Templates
- Manage Logon Times and Other User Properties

Module 3: Manage and Maintain AD DS

- Configure Service Authentication and Account Policies
- Maintain Active Directory
- Configure Active Directory in a Complex Enterprise Environment
- Metadata Configuration/AD Object Recovery

Module 4: Create and Manage Group Policy

- Create and Manage Group Policy Objects
- Configure Group Policy Processing
- Configure Group Policy Settings and Preferences
- Client-Side Extensions and GPO Forced Updates

Module 5: Group Policy Settings

- Software Installations and Group Policy Scripting
- Templates
- Folder Redirection
- GP Client Firewall and Security Settings

Module 6: Implement Active Directory Certificate Services

- Digital Certificates
- Manage Certificates
- Certificates and Group Policy
- Certificate Revocation

Module 7: Implement Identity Federation and Access Solutions

- Implement Identity Federation and Access Solutions
- Implement Web Application Proxy (WAP)
- Active Directory Rights Management Services (AD RMS)
- Authentication

Module 8: Configure Service Authentication and Account Policies

- Configuring Services and Group Managed Service Accounts
- Managing Service Principal Names, Virtual Account Management, and Kerberos

Module 9: Active Directory in the Enterprise

- Multi-Master Domains
- AD Domain and Forest Functional Levels