

## M2279 - Planning, Implementing, and Maintaining a Microsoft Windows Server 2003 Active Directory Infrastructure – 5 day course

### Course Overview

This five-day instructor-led course includes self-paced and instructor-facilitated components. It provides students with the knowledge and skills to successfully plan, implement, and troubleshoot a Microsoft Windows® Server 2003 Active Directory® directory service infrastructure. The course focuses on a Windows Server 2003 directory service environment, including forest and domain structure, Domain Name System (DNS), site topology and replication, organizational unit structure and delegation of administration, Group Policy, and user, group, and computer account strategies.

### Course Prerequisites

Before attending this course, students must have completed Course 2278- Planning and Maintaining a Microsoft Windows Server 2003 Network Infrastructure, or have equivalent knowledge and skills

### Delegates will learn how to:

- Describe the logical and physical components of Active Directory and explain the purpose of Active Directory
- Describe the Domain Name System (DNS) requirements for Active Directory and explain how DNS supports Active Directory
- Plan and implement an organisational unit structure
- Plan and implement Active Directory user, group, and computer account strategies
- Plan and implement a Group Policy strategy to centrally manage users, computers, and services in the enterprise
- Deploy, manage, and troubleshoot software that is deployed using Group Policy
- Plan and implement the placement of domain controllers, global catalog servers, and Active Directory integrated DNS servers
- Plan and manage operations masters
- Backup, restore, and maintain Active Directory
- Design, create, and configure a forest and domain structure based on a given Active Directory infrastructure
- Plan and implement sites to manage and monitor Active Directory replication

### Course Content

Module 1: Introduction to Active Directory Infrastructure  
Module 2: Implementing an Active Directory Forest and Domain Structure  
Module 3: Implementing an Organizational Unit Structure  
Module 4: Implementing User, Group, and Computer Accounts  
Module 5: Implementing Group Policy  
Module 6: Deploying and Managing Software by Using Group Policy  
Module 7: Implementing Sites to Manage Active Directory Replication  
Module 8: Implementing the Placement of Domain Controllers  
Module 9: Managing Operations Masters  
Module 10: Maintaining Active Directory Availability  
Module 11: Planning and Implementing an Active Directory Infrastructure

### Leading to Exam

70-294 – Planning Implementing and Maintaining a Microsoft Windows Server 2003 Active Directory Infrastructure

