

Planning, Implementing, and Maintaining a Microsoft Windows Server 2003 Active Directory Infrastructure

Course 2279 – Five Days – Instructor-Led

Introduction

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.

This is the sixth course in the Windows Server 2003 Systems Engineer curriculum.

Audience

This course is appropriate for individuals employed or seeking a position as a systems engineer. This course is also appropriate for individuals who currently support a competitive platform who want to enhance their skills using Windows Server 2003 Active Directory.

Professionals who take this course should meet the following entry criteria:

- New to implementing Windows Server 2003 Active Directory.
- Preparing for MCP exam 70-294: Planning, Implementing, and Maintaining a Microsoft Windows Server 2003 Active Directory Infrastructure, a core requirement for the MCSE certification.

At Course Completion

After completing this course, students will be able to:

- Describe the logical and physical components of Active Directory.
- Create and configure a forest and domain structure by using an Active Directory infrastructure design.
- Plan and implement an organizational unit structure.
- Plan and implement Active Directory user, group, and computer accounts.
- Plan and implement a Group Policy strategy to centrally manage users and computers in an enterprise.
- Deploy, manage, and troubleshoot software that is deployed using Group Policy.

- Implement sites to manage and monitor Active Directory replication.
- Plan and implement the placement of domain controllers, global catalog servers, and DNS servers that are integrated with Active Directory.
- Plan and manage operations masters.
- Back up, restore, and maintain Active Directory.
- Plan and implement an Active Directory infrastructure that is based on a directory service design that an enterprise architect provides.

Prerequisites

Before attending this course, students must have completed:

- Course 2278: Planning and Maintaining a Windows Server 2003 Network Infrastructure, or have the equivalent knowledge and skills.

Microsoft Certified Professional Exams

Exam 70 – 294: Planning, Implementing, and Maintaining a Microsoft Windows Server 2003 Active Directory Infrastructure. Exams are available to sit at SureSkills. Please book exams with your account manager. Please also inform your instructor of your intention to sit an exam while attending training.

Course Materials

The student kit includes a comprehensive workbook and other necessary materials for this class.

Course Outline

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 Placement of Domain Controllers

Module 9: Managing Operations Masters

Module 10: Maintaining Active Directory Availability

Module 11: Planning and Implementing an Active Directory Infrastructure