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CENTER FOR PROFESSIONAL DEVELOPMENT

MICROSOFT CERTIFIED SYSTEM ADMINISTRATOR (MCSA) 2003

440 Hours/18 Months/Instructor-Facilitated
Course Code: **CPD087** || Course Cost: **$2495**

OVERVIEW

The Microsoft Certified Systems Administrator (MCSA) online training program provides you with expert instruction on the Microsoft Windows Server 2003 family, making it easier for you to deploy, manage, and use. Achieving the MCSA credential on Microsoft Windows 2003 demonstrates that you have the technical proficiency and expertise to successfully manage and maintain the typically complex computing environment of medium- to large-sized companies operating on the Microsoft Windows Server 2003 system.

OBJECTIVES

Upon successful completion of this program, you will:

- Identify the tasks involved in supporting Windows 2003 networks
- Understand how networking concepts are implemented in Windows 2003
- Configure Microsoft Windows 2003 Professional on stand-alone computers and on client computers that are part of a workgroup or domain
- Install and configure Windows 2003 Server
- Install, configure, manage, and support a network infrastructure that uses Microsoft Windows 2003 server
- Gain skills needed to create a networking services infrastructure design that supports the required network applications
- Learn network solution technologies including DHCP, IP, OSPF, RIP, and IGMP
- Gain the knowledge and skills needed to design a security framework for small, medium, and enterprise networks by using Microsoft Windows 2003 technologies

You'll also be prepared to take these Microsoft certification exams :

- 70-290: Managing and Maintaining a Microsoft Windows Server 2003 Environment
- 70-291: Implementing, Managing, and Maintaining a Microsoft Windows Server 2003 Network Infrastructure
- 70-270: Installing, Configuring, and Administering Microsoft Windows XP Professional
- 70-680: Windows 7, Configuration

OUTLINE

Microsoft Windows XP Professional Administration and Maintenance (NGMS2272)

1. Windows XP Installation
2. Windows XP Installation Automated
3. Hardware Configuration

4. Disk Management
5. File System Configuration and Management
6. Troubleshooting and Disaster Recovery
7. Desktop Configuration
8. TCP/IP Addressing Configuration and Name Resolution
9. Windows XP Configuration in Microsoft Network
10. Remote User Management
11. Mobile Computer Management
12. System Resource and Performance Monitoring

Microsoft Windows Server 2003 Environment Management and Maintenance (NGMS2273)

1. An Overview of Account and Resource Administration
2. User and Computer Account Management
3. Group Management
4. Resource Access Management
5. Printer Implementation
6. Printer Management
7. Object Access Management
8. Group Policy Implementation
9. Group Policy Management
10. Administrative Templates and Audit Policy Implementation
11. Server Administration Preparation
12. Server Performance Monitoring Preparation
13. Server Performance
14. Device Driver
15. Disk Management
16. Data Storage Management
17. Disaster Recovery
18. Software Maintenance Using the Software Update Service

Microsoft Windows Server 2003 Network Services Management (NGMS2276-7)

1. Introducing the TCP/IP Protocol
2. Assigning IP Addresses in a Multiple Subnet
3. Configuring a Client IP Address
4. Configuring a Client for Name Resolution
5. Isolating Common Connectivity Issues
6. Using Routing and Remote Access to Configure Routing
7. Using Dynamic Host configuration Protocol to Allocate IP Addresses
8. Managing and Monitoring Dynamic Host Configuration Protocol (DHCP)
9. Name Resolution
10. Host Name Resolution Using Domain Name System (DNS)
11. Domain Name System (DNS) Management and Monitoring
12. NetBIOS Name Resolution Using Windows Internet Name Service (WINS)
13. Using IPSec and Certificates to Secure Network Traffic
14. Network Access Configuration
15. Network Access Management and Monitoring

Microsoft Windows 7 Configuration (SSMS680)

1. Installing, Upgrading, and Migrating to Windows 7
2. Deploying Windows 7

3. Configuring Hardware and Application in Windows 7
4. Configuring Network Connectivity in Windows 7
5. Configuring Access to Resources in Windows 7
6. Configuring Mobil Computing in Wondows 7
7. Monitoring, Backing Up, and Restoring Windows 7

COMPUTER REQUIREMENTS

This program must be taken on a PC running Windows XP/Vista/7 and IE 7 or later browsers. You will need Adobe Flash Player and Adobe Acrobat Reader, as well as Windows Media Player and WinZip.

INSTRUCTOR BIO

Chris Lobban has industry experience with an extensive range of hardware and software solutions. Before working as an instructor, he worked both in a help desk environment and as a quality assurance analyst. He received his formal training as a computer networking and technical support specialist at Seneca College. Chris has earned CompTIA A+, Network+, Server+, and Security+ credentials, as well as Microsoft MCSE (Windows Server 2003), MCSA (Windows Server 2003), MCDST (Windows XP), and MCITP Enterprise Desktop Support Technician (Windows 7) credentials. He is a Microsoft Certified Trainer (MCT).