

Course Code

ET 201

Course Title

Microsoft Exchange Server 2003

Overview:

Exchange Server 2003 is the latest version of Microsoft's premier messaging application. It offers tight integration with Microsoft's latest operating system, Windows Server 2003. Today, Exchange is the most popular messaging server for organizations. In this hands-on course, you'll learn to install and manage an Exchange 2003 network of servers and the critical new features from a real-world perspective. You will learn to manage multiple Exchange servers in a front-end/back-end architecture. You will also learn to integrate Exchange 2003 into an existing Exchange 5.5 or Exchange 2000 environment and develop a seamless upgrade or migration path.

Course Level

Professional

Who should attend?

This course will benefit newcomers to Exchange as well as managers and administrators who have worked with Exchange for a number of years. If you plan to upgrade/migrate from Exchange 5.5/Exchange 2000 to Exchange Server 2003 or if you learn best from a hands-on approach, this class is for you!

Pre-requisites**Course Objectives**

- Install and manage Exchange Server 2003
- Deploy Service Pack 2 (SP2) and learn the enhanced functionality it provides
- Use the Exchange Deployment Tools to upgrade or migrate
- Deploy front-end servers
- Fight spam, viruses, and hacks
- Optimize Exchange Server performance
- Plan for and recover from disasters

Course Duration

5 Days

Course Outline

1. Installing Exchange 2003

- .NET Trustworthy Computing Effect
- What is In and What is Out
- Hardware Requirements
- Greenfield Deployments
- Installing SP2
- Installing Management Tools

2. Upgrading, Migrating, and Coexisting

- Developing a Roadmap
- Upgrading to Exchange 2003
- Deployment Tools with SP2 Enhancements
- Migrating to Exchange 2003

- Migration Tools

3. Rightsizing Exchange Server 2003

- Exchange Server 2003 Functions
- Exchange Data Storage Concepts
- Server Sizing Tools
- Exchange Server 2003 Clusters

4. Mail-Enabled Objects

- Users and Contacts
- Groups
- Group Membership and Nesting
- Recipient Administration
- E-mail Addresses
- Bulk Changes
- Advanced Settings

5. Outlook 2003 and OWA 2003

- Deploying Outlook 2003
- Configuring Clients
- Outlook 2003 Security and Performance
- New Outlook 2003 Features
- Outlook Web Access 2003

6. Foundation for Administration

- Administrative Models
- Administration Delegation
- Administrative Groups and Delegation
- Exchange Delegation
- System Policies

7. Customizing the Organization

- Changing Mode of Operation
- Configuring Outbound Mail Formats
- Advanced Recipient Policy Configurations
- Subsequent Server Installations and Removals
- E-mail Hosting

8. Query Groups and Address Lists

- Query-Based Groups
- Built-in Address Lists
- Building Custom Address Lists
- Controlling Access

9. Message Routing

- Message Flow
- Routing Groups
- Mail Connectors
- Link State Routing
- Simple Mail Transfer Protocol
- Administering Mail Flow

10. Public Folders

- Public Folder Trees
- Administering Public Folders
- Public Folder Store Security
- Public Folder Replication and Referrals
- Collaborating with Public Folders

11. Deploying Front-end Servers

- Front-end/Back-end Server Architecture
- Front-end Strategies
- Securing Front-end Servers
- Load Balancing Front-end Servers
- Remote Procedure Call over HTTP
- Exchange Server 2003 Mobility Features

12. Fighting Spam, Viruses, and Hacks

- Unsolicited Commercial E-mail
- IMF and Sender ID Filters
- Securing SMTP Virtual Servers
- Antivirus Solutions
- Encrypting and Digitally Signing Messages

13. Maintaining Exchange Server 2003

- Define a Strategy
- Daily Operations
- Status and Notifications
- Optimizing Hardware Resources
- Maintenance Tools
- Exchange Best Practice Analyzer

14. Disaster Recovery Planning

- Develop a Backup Strategy
- Advanced Backup Solutions
- Recovering Exchange Server 2003
- Recovering Individual Mailboxes
- Service Pack Enhancements for RSG