

Managing Exchange 2003

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Course description: Implementing and Managing Exchange Server 2003 course will give you the knowledge and skills necessary to prepare to pass Microsoft exam 70-284. This course is intended for individuals pursuing the MCSA or MCSE on Windows Server 2003 certification.

Course outline:

Install Exchange Server 2003

- Introduction
- Hardware Requirements
- Versions of Exchange Server
- Non-Supported Features
- Environment Requirements
- Installing Exchange 2003
- Run Forest Prep
- Run Domain Prep
- Exchange Installation Wizard
- Post Installation Steps
- Forest Prep Explained
- Domain Prep Explained
- Required Services
- Verify Services Installation
- Verify Exchange Installation
- Check for Exchange Services
- Start AV Software
- Create New Exchange Mailbox
- Create a New User
- View System Manager
- Create an Email Account
- Test Sending Attachments
- Unattended Installation
- Create an Unattended File
- Summary

Administering Exchange 2003

- Introduction
- Exchange Administration
- Platforms Used to Administer
- Permissions

- Tools and Utilities
- Install Tools/Admin Pack
- Add/Remove Snap-Ins
- Raise Functional Levels
- ADSI Edit
- DNS Snap-In
- AD Schema Snap-In
- AD Users and Computers
- LDP Utility
- Exchange Support Tools
- Windows Support Tools
- Summary

Exchange Clustering

- Introduction
- Exchange Clustering Explained
- Requirements
- Active/Active Cluster Type
- Active/Passive Cluster Type
- Recommendations
- Permissions
- Summary

Configuration/Management

- Introduction
- Exchange Policy
- Exchange Policies Locations
- Create New System Policies
- Apply Policy to Mailbox Store
- Create New Recipient Policies
- Storage Groups and Stores
- Create Storage Groups/Stores
- Change Exchange Mode
- Mailbox/Public Store Properties

- Email Notification
- Performance Counters
- Message Tracking
- Turn On/Set Perf. Counters
- Enable Message Tracking
- Test/View Message Tracking
- Test Mailbox Limits Policy
- First Install of Outlook
- Results of the Mailbox Policy
- Protocol Logging
- Enable SMTP Protocol Logging
- Test/View SMTP Logs
- Virtual Servers
- Create an SMTP Virtual Server
- Removing Exchange Servers
- Best Practices
- Summary

Securing Exchange

- Introduction
- Threats to Exchange
- Install an SP to Exchange
- Viruses
- Virus Cleaning Policies
- Message Filtering
- Connection Filtering Demo
- Junk Email on the Client
- Securing Mailboxes
- Email Filtering
- Server-Side Email Filtering
- Cleaning Email Viruses
- Digital Signatures/Encryption

- Getting a Digital Signature
- Firewalls
- Ports
- Administrative Groups
- Display Administrative Groups
- Create a New Admin Group
- Using ADSI Edit
- Delegate Control
- Exchange Services
- Using WMI Script for Security
- Exchange Services (cont)
- Where Exchange Services Are
- Other Exchange Services
- Summary

Configuring Connectors

- Introduction
- Migration to Exchange 2003
- Migration Wizard
- Setup a New Connector
- Summary

Recipient Management

- Introduction
- User Types
- Create a User/Mailbox
- Create a Group/Add Users
- Test Email to the New Group
- Create a Contact
- Mailbox Administration
- Create/Move Mailboxes
- Delete/Hide Mailboxes
- On Behalf Of
- Forward Mail

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- Set Storage Limits
- Send Email On Behalf Of
- Bulk Import/Export
- CSVDE Utility
- LDIFDE Utility
- Group Types
- Query Based Dist. Group
- Security/Distribution Groups
- Group Scopes
- Summary

Public Folders

- Introduction
- Public Folders
- Permissions
- Create a Public Folder
- Send Email to a Public Folder
- Access from Outlook
- Public Folder Permissions
- Trees
- Replication
- Replication Demo
- Full-Text Indexing
- Create Full-Text Indexing
- Incremental/Full Population
- Summary

Address Lists

- Introduction
- Address Lists
- Characteristics
- Types
- Create Address Lists
- Customize Address Lists
- Customize Display of a Name
- Recipient Update Service
- RUS Demo
- Summary

Client Access

- Introduction
- Client Access Protocols
- Using OWA with IE
- Exchange Server Topologies
- Securing Exchange Servers
- Create a Front-End Server
- Firewalls Supporting Servers
- DSAccess
- Configure a Secure Server
- SSL Communication
- Install a Certificate Server
- Secure a Default Web Site
- Verify Secure Communication
- Summary

Routing Management

- Introduction

- Routing Groups
- Routing Group Demo
- Move a Group
- Create a Connector
- Connector Properties
- SMTP Connection
- SMTP Connection Demo
- MX Records
- Creating an MX Record
- Verifying an MX Record
- Internet Connectivity
- Create/Configure SMTP Conn.
- Securing SMTP Traffic
- Accept/Reject SMTP Msgs.
- SMTP Relays
- Open Relays
- SMTP Relays Demo
- Summary

Data Management

- Introduction
- Exchange Storage Technology
- Storage Groups and Stores
- Storage Process
- Transaction Logs
- Storage Locations
- Create/Delete Stores
- Create Storage Group
- Circular Logging
- Store Management
- Enable Circular Logging
- Move Trans. / Storage Data
- Mount/Dismount Stores
- Set Limits on a Mailbox
- Backup Strategy
- Backup Demo
- Try to Remount Stores
- Restore from Backup
- Daily Maintenance Tasks
- Other Maintenance Tasks
- ESEUtil Utility Demo
- Check/Fix DB Integrity
- ISINTEG Tool Demo
- Summary

Migrating from Exchange 5.5

- Introduction
- Migrating from 5.5
- Install ADMT
- Create Trust w/ NT4 and Win2K3
- Create a Share on NT4 Server
- Test the NT4 Share
- Create a Share on 2003 Serv.

- Test the Win2K3 Share
- Use ADMT to Migrate Users
- Migrate Exchange Directory
- Exchange Migration Wizard
- View App. Log for Details
- Summary