Looking at Training Differently……

Course Contents

Exchange 2000 Server: System Administration

Objectives: Students will learn how to install, configure, and manage a Microsoft Exchange 2000 Server environment. They will create and manage storage groups and stores, recipient objects, and public folders. They will also configure SMTP, message routing, Internet protocols, and instant messaging. In addition, students will use Outlook Web Access to send email messages.

Prerequisites: To ensure your success, we recommend you first take the following courses or have equivalent knowledge:
Windows 2000: Network and Operating System Basics
Windows 2000: Installation and Administration
Windows 2000: Administering the Active Directory
Windows 2000 for Windows NT Administrators

Duration: 5 days

Additional Information: Consultancy or Tailored courses are available upon request

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Identifying Microsoft Exchange 2000 Server Components, Features, and Capabilities	
Exchange 2000 Server Components and Features	Overview of Exchange 2000 Server Integration with Windows 2000
Analyzing Exchange 2000 Server Components	Defining Exchange 2000 Partitions in Active Directory
Analyzing the Client Types that are Supported by Exchange 2000 Server	Exchange 2000 Server Capabilities
Comparing Exchange 2000 Products	Analyzing Exchange 2000 Server Capabilities
Installing Microsoft Exchange 2000 Server	
Preparing for an Exchange 2000 Server Installation	Installing Exchange 2000 Server
Preparing the Windows 2000 Forest for an Exchange 2000 Installation	Examining Exchange System Manager
Preparing Domains for Exchange 2000 Server	Examining Folders Added by the Exchange 2000 Installation
Analyzing Administrative Groups and Routing Groups	Configuring the Microsoft Outlook Client and Sending an Email
Managing Microsoft Exchange 2000 Server	
Managing Security	Creating Recipient Objects and Managing Address Lists
Examining the Organization Object in Exchange System Manager	Viewing the Recipients Container in Exchange System Manager

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Enabling and Examining the Security Properties Page	Using the Exchange Tasks Wizard to Create a User Recipient
Examining Top Level Containers in the Organization Object	Creating a Contact Recipient
Observing Permissions in Exchange System Manager	Creating a Group Recipient
Using the Exchange Administration Delegation Wizard	Viewing Address Lists in Exchange System Manager
Verifying Permissions	Creating an Address List
Assigning an Administrative Role and Verifying Permissions	Configuring an Address List
Analyzing Permission Requirements	Changing the Recipient Name Display with ADSI Edit
Managing Administrative Groups	Configuring and Using the Recipient Update Service
Creating an Administrative Group	
Creating, Configuring, and Managing Storage Groups and Stores	
Defining and Creating Storage Groups and Stores	Analyzing File Types
Creating a Storage Group and a Mailbox Store	Enabling Circular Logging
Deleting a Mailbox Store	Storing Information in a Store Database and Backing Up Data
Examining the Extensible Storage Engine	Performing a Backup
Analyzing Extensible Storage Engine Terminology	
Configuring and Administering Recipient Objects	
Configuring Recipient Objects	Moving a User's Mailbox
Viewing Properties of a User Recipient	Managing Exchange 2000 Server through Policies
Viewing the Exchange General Properties Page	Creating Policies and Viewing Properties Pages
Viewing the Exchange Advanced Properties Page	Creating a Recipient Policy
Managing Recipient Objects	Applying a Server Policy
Adding Email Addresses for a User	Scripting Utilities
Viewing and Setting Permissions on a User's Mailbox	Using the LDIFDE Utility
Sending and Receiving Emails on Your Own Account and On Behalf of Another User	
Creating, Configuring, and Managing Public Folders	
Creating and Configuring Public Folders	Analyzing Public Folder Replicas

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Creating and Using Public Folders	Creating a Public Folder Replica
Posting Information to a Public Folder	Viewing Replication Status
Configuring Public Folders	Enabling Diagnostic Logging for Public Folder Replication
Creating an Additional Public Folder Hierarchy	Analyzing Public Folder Replica Connections and Referrals
Examining Public Store Sub-containers	Examining the Replication Process
Administering Public Folders	Analyzing the Replication Process
Configuring Permissions on Public Folders	Generating a Replication Conflict
Viewing Public Folder Permissions	Defining Configuration Settings with Policies
Using Roles to Set Permissions on Public Folders	Applying a Public Store Policy
Configuring Replication	
Configuring SMTP	
Defining SMTP and ESMTP Commands and Concepts	Exploring Secure Communications
Analyzing SMTP Commands and Reply Codes	Exploring Connection Control
Analyzing ESMTP Commands	Exploring Relay Restrictions
Viewing SMTP Folders	Exploring Messaging Limits and Bad mail
Creating Virtual Servers	Exploring Delivery Properties
Creating an SMTP Virtual Server	Examining Virtual Server Queues
Configuring Message Filters	Examining and Configuring an SMTP Connector
Exploring Authentication Methods	Configuring SMTP Connectors
Creating, Configuring, and Managing Message Routing	
Creating Routing Groups	Configuring an SMTP Connector for Triggered Delivery
Creating a Routing Group and Adding Members	Analyzing the X.400 Connector
Connecting Routing Groups	Examining Link State Processes and Functions and Route Determination
Creating Routing Group Connectors	Analyzing Link State Information and Route Selection
Message Flow, Link Connectivity, and Message Tracking	
Examining the Components and Functions of Message Flow Architecture	Analyzing Failed Links and Tracking Messages
Analyzing Message Flow	Tracking Messages
Integrating IIS and Configuring Email Protocols	
Integrating IIS with Exchange 2000 Server	Connecting to an IMAP4 Server using Outlook Express

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Examining IMAP4, POP3, and NNTP Virtual Servers	Analyzing LDAP, Kerberos Security, and Client Connectivity Issues
Exploring Client Connectivity, Message Transfer, and Security	Discovering NNTP Services with Exchange 2000Server
Configuring the Outlook Express Client	Creating a Newsgroup
Creating and Configuring an IMAP4 Virtual Server	
Integrating and Using Outlook Web Access	
Examining the Benefits and Limitations of Outlook Web Access	Using Outlook Web Access to Send and Receive Email
Analyzing the Benefits and Limitations of Outlook Web Access	Providing Secure Access
Defining the Components and Process of OutlookWeb Access	Access Email through a Front-end Server
Examining Outlook Web Access Directories and Files	Analyzing Front-end Server Placement
Implementing Instant Messaging	
Examining Instant Messaging	Installing the Instant Messaging Client
Analyzing Instant Messaging Terms and Components	Configuring Instant Messaging
Installing and Configuring Instant Messaging with Exchange 2000 Server	Examining Instant Messaging Operations
Configuring an Instant Messaging Home Server	Analyzing Instant Messaging Operations
Configuring User Accounts for Instant Messaging	
Using Monitoring Tools	
Monitoring Tools	Viewing Server and Connector Status
Analyzing Monitoring Tools	Using Diagnostics Logging, Event Viewer, and Protocol Logging
Viewing Information Store Objects and Counters in Performance Monitor	Enabling Diagnostic Logging
Using Monitoring and Status	Viewing Diagnostic Logging Entries in Event Viewer
Using the Monitoring And Status Utility	Enabling and Viewing Protocol Logs
Examining Notifications	
Full-text Indexing	
Full-text Indexing Benefits	Full-text Index Creation
Full-text Indexing Process and Architecture	Gather Files, Application Log, and System Monitor
Outlook 2000 and OWA with IE 5 Comparison	
Outlook 2000 and OWA Compared	