

SPECIALIZATION IN EXCHANGE SERVER

Training program



This course provides students with the knowledge and skills that are needed to update and support a reliable, secure messaging infrastructure. This infrastructure is used for creating, storing, and sharing information by using Microsoft Exchange Server 2003 in a medium-sized to large-sized (250 to 5,000 users) messaging environment. This course offers a significant number of hands-on practices, discussions, and assessments that assist students in becoming proficient in the skills that are needed to update and support Exchange Server 2003.

This highly specialized and concentrated Program is ideally suited to following individuals who are:

- **Fresh University Graduates and like to pursue a career in Computer's networking.**
- **Already working and interested to switch over to field in Networking.**
- **Already working in a Networking position and like to excel in terms of better position and compensation.**
- **Already working in a Network Position in Companies and want to get the certification in International market.**

Program is offered by: 3D Educators – Trainers & Consultants

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CAMPUS II

Suite # 305 Business Center Main Shahrah-e-Faisal, Adjacent PSO Pump Nursery Karachi – 0322-2083032

Program Details

Inauguration

The Training Program will be inaugurated by a senior member of 3DEducators

Program Structure

| | |
|-----------------------------|--------------------|
| Number of classes in a week | Two Class Per Week |
| Duration of each class | 2 – Hours |
| Total Durations | 16 Hours |

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About the Program Designer & Instructor

The Profile of Program Designers & Instructors is given below:

The “**SPEICALIZATION IN EXCHANGE SERVER**” Program has been designed and will be conducted the Senior Network Mangers who has fifteen years experience in Computer Networking and Administration.

The Person are qualified and certified in Networking and MCS and MBA.

At present, faculty is working with computer based technology provider organization in senior position, also involved in training and development for last fifteen years.

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SPECIALIZATION IN EXCHANGE SERVER

Implementing and Managing Microsoft Exchange Server 2003 (Exam 70-284) (Microsoft Official Curriculum)

Course Contents:

Module 1: Installing and Upgrading to Exchange Server 2003

- Installing Exchange Server 2003
- Installing Exchange Server 2003 in a Clustered Environment
- Installing and Using Exchange Management Tools and Utilities
- Upgrading from Exchange 2000 Server to Exchange Server 2003
- Discussion: Installing and Upgrading to Exchange Server 2003

Module 2: Configuring and Managing Exchange Server 2003

- Creating and Applying Exchange Policies
- Configuring Exchange Server 2003 for Proactive Management
- Adding, Removing, and Updating Exchange Servers
- Managing Exchange Server 2003 in a Mixed Environment
- Discussion: Configuring and Managing Exchange Server 2003

Module 3: Securing Exchange Server 2003

- Preparing for and Protecting Against Viruses
- Securing Mailboxes
- Implementing Digital Signature and Encryption Capabilities
- Configuring Firewalls
- Configuring Administrative Permissions
- Allowing Only Required Services to Run on Exchange Server 2003
- Discussion: Securing Exchange Server 2003

Module 4: Managing Recipients

- Introduction to Exchange Recipients
- Creating, Deleting, and Modifying Users and Contacts

- Managing Mailboxes
- Managing Mail-Enabled Groups
- Discussion: Managing Recipients

Module 5: Managing Public Folders

- Managing Public Folder Data
- Managing Network Access to Public Folders
- Publishing An Outlook 11 Form
- Discussion: Managing Public Folders

Module 6: Managing Address Lists

- Introduction to Address Lists
- Managing and Customizing Address Lists
- Discussion: Managing Address Lists

Module 7: Implementing and Managing Client Access with Internet Protocols

- Introduction to Internet Client Access Protocols
- Implementing a Front-End and Back-End Server Topology
- Implementing and Managing Outlook Web Access
- Discussion: Implementing and Managing Client Access with Internet Protocols

Module 8: Managing Client Configuration and Connectivity

- Configuring and Customizing Outlook 2003
- Performing Calendaring Tasks in Outlook 2003
- Installing and Configuring Outlook Express
- Discussion: Managing Client Configuration and Connectivity

Module 9: Managing Routing

- Explaining How Message Routing Works in an Exchange Organization
- Configuring Routing in an Exchange Organization
- Explaining Internet Connectivity Concepts and Protocols
- Managing Connectivity to the Internet
- Discussion: Managing Routing

Module 10: Managing Mobile Devices with Exchange Server 2003

- Managing Mobility Components
- Provisioning Users for Mobile Access
- Discussion: Managing Mobile Devices with Exchange Server 2003

Module 11: Managing Data Storage and Hardware Resources

- Managing Data Storage
- Managing Disk Space
- Managing Hardware Upgrades
- Discussion: Managing Data Storage and Hardware Resources

Module 12: Planning for and Recovering from Disasters

- Planning for Disaster Recovery
- Backing Up Exchange Server 2003
- Restoring Exchange Server 2003 Stores
- Restoring Exchange Server 2003 Servers
- Discussion: Planning for and Recovering from Disasters

Module 13: Performing Preventive Maintenance

- Performing Daily Exchange Maintenance
- Performing Scheduled Exchange Maintenance
- Performing On-Demand Exchange Maintenance
- Discussion: Performing Preventive Maintenance

Module 14: Migrating Users from Exchange Server 5.5 to Exchange Server 2003

- Populating Active Directory with Windows NT 4.0 User and Group Accounts
- Connecting the Exchange 5.5 Directory to Active Directory
- Moving Mailbox and Public Folder Contents into an Exchange Server 2003 Organization

Discussion: Migrating Users from Exchange Server 5.5 to Exchange Server

Implementing and Managing Microsoft Exchange Server 2003 **Skills measured by exam 70-284**

- Installing, Configuring, and Troubleshooting Exchange Server 2003
- Prepare the environment for deployment of Exchange Server 2003

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- Install, configure, and troubleshoot Exchange Server 2003
- Install, configure, and troubleshoot Exchange Server 2003 in a clustered environment
- Upgrade from Exchange Server 5.5 to Exchange Server 2003
- Migrate from other messaging systems to Exchange Server 2003
- Use the Migration Wizard to migrate from other messaging systems
- Migrate from other Exchange organizations

- Configure and troubleshoot Exchange Server 2003 for coexistence with other Exchange organizations
- Configure and troubleshoot Exchange Server 2003 for coexistence with other messaging systems
- Configure and troubleshoot Exchange Server 2003 for interoperability with other SMTP messaging systems
- Managing, Monitoring, and Troubleshooting Exchange Server Computers
- Manage, monitor, and troubleshoot server health
- Manage, monitor, and troubleshoot data storage
- Manage, monitor, and troubleshoot Exchange Server clusters
- Perform and troubleshoot backups and recovery
- Remove an Exchange Server computer from the organization
- Managing, Monitoring, and Troubleshooting the Exchange Organization
- Manage and troubleshoot public folders
- Manage and troubleshoot virtual servers
- Manage and troubleshoot front-end and back-end servers
- Manage and troubleshoot connectivity
- Monitor, manage, and troubleshoot infrastructure performance
- Managing Security in the Exchange Environment
- Manage and troubleshoot connectivity across firewalls
- Manage audit settings and audit logs
- Manage and troubleshoot permissions
- Manage and troubleshoot encryption and digital signatures
- Detect and respond to security threats
- Managing Recipient Objects and Address Lists
- Manage recipient policies
- Manage user objects
- Manage distribution and security groups
- Manage contacts
- Manage address lists
- Managing and Monitoring Technologies that Support Exchange Server 2003
- Diagnose problems arising from host resolution protocols
- Diagnose problems arising from Active Directory issues
- Diagnose network connectivity problems.