

Microsoft Exchange Server 2013

Workshop	
Name	Microsoft Exchange Server 2013 for IT Pro
Duration	5 Days
Objective	This course will provide you with the knowledge and skills to plan, deploy, manage, secure, and support Microsoft Exchange Server 2013. This course will teach you how to configure Exchange Server 2013 and supply you with the information you will need to monitor, maintain, and troubleshoot Exchange Server 2013.
Participants' Entry Profile	Participants attending this course must have experience working with: <ul style="list-style-type: none"> • Administering Windows server 2008/2012 • Active Directory, DNS and Certificates
Training Methodology	The session delivery will be scenario based. For each of the topics in the content various options for Deployment, Planning, Management and Administrative options are included.

Setup Requirements	
Hardware and Software Requirements	Participant's as well as Trainer's Machine are required to have : SW – Hyper-V to create Virtual Machines for Lab Practice. Virtual Machine setup with Windows Server 2012/2012 R2 with Active Directory in it. Virtual machine setup with Exchange Server 2010 SP3 Exchange Server 2013 SP1 ISO Image to be available HW – Windows 7/Windows Server 2008 or above IE 10 or above 8gb RAM Strong Internet connectivity
Training Lab Requirements	Whiteboard 6 feet by 4 feet (minimum) Whiteboard markers – Red, Blue, Green, Black Video Projector (1024 X 768 resolutions)

Course Content

Day 1

Module 1: Deploying and Managing Microsoft Exchange Server 2013

This module describes Exchange Server 2013 prerequisites and requirements, deployment and management.

Lessons

- Exchange Server 2013 Prerequisites and Requirements
- Exchange Server 2013 Deployment
- Managing Exchange Server 2013

Lab : Deploying and Managing Exchange Server 2013

- Evaluating Requirements and Prerequisites for an Exchange Server 2013 Installation
- Deploying Exchange Server 2013
- Managing Exchange Server 2013

Module 2: Planning and Configuring Mailbox Servers

This module describes how to plan and configure the Mailbox server role.

Lessons

- Overview of the Mailbox Server Role
- Planning the Mailbox Server Deployment
- Configuring the Mailbox Servers

Lab : Configuring Mailbox Servers

- Configuring Storage on the Mailbox Servers
- Creating and Configuring Mailbox Databases

Module 3: Managing Recipient Objects

This module explains how to manage recipient objects, address policies, and address lists in Exchange Server 2013.

Lessons

- Managing Exchange Server 2013 Mailboxes
- Managing Other Exchange Recipients
- Implementing and Managing Public Folder Mailboxes
- Managing Address Lists and Policies

Lab : Managing Recipient Objects

- Configuring Exchange Recipients
- Configuring Address Lists and Policies
- Configuring Public Folders Mailboxes and Public Folders

Day 2**Module 4: Planning and Deploying Client Access Servers**

This module explains how to plan and implement the Client Access server role in Exchange Server 2013.

Lessons

- Planning Client Access Server Deployment
- Configuring the Client Access Server Role
- Managing Client Access Services

Lab : Deploying and Configuring a Client Access Server Role

- Configuring Certificates for the Client Access Server
- Configuring Client Access Services Options
- Configuring Custom MailTips

Module 5: Planning and Configuring Messaging Client Connectivity

This module explains how to plan and configure Microsoft Outlook Web App and mobile messaging in Exchange Server 2013.

Lessons

- Client Connectivity to the Client Access Server
- Configuring Outlook Web App
- Planning and Configuring Mobile Messaging
- Configuring Secure Internet Access for Client Access Server

Lab : Configuring Messaging Client Connectivity

- Configuring Outlook Web App and Outlook Anywhere
- Configuring Exchange ActiveSync

Module 6: Planning and Implementing High Availability

This module explains the high-availability technology built into Exchange Server 2013, and some of the outside factors that affect highly available solutions.

Lessons

- High Availability on Exchange Server 2013
- Configuring Highly Available Mailbox Databases
- Configuring Highly Available Client Access Servers

Lab : Implementing High Availability

- Creating and Configuring a Database Availability Group
- Deploying Highly Available Client Access Servers
- Testing the High-Availability Configuration

Day 3**Module 7: Planning and Implementing Disaster Recovery**

This module explain how to plan, implement disaster mitigation, and recovery in Exchange Server 2013.

Lessons

- Planning for Disaster Mitigation
- Planning and Implementing Exchange Server 2013 Backup
- Planning and Implementing Exchange Server 2013 Recovery

Lab : Implementing Disaster Recovery for Exchange Server 2013

- Backing Up Exchange 2013
- Restoring Exchange Server 2013 Data

Module 8: Planning and Configuring Message Transport

This module explains how to plan and configure message transport in an Exchange Server 2013 organization.

Lessons

- Overview of Message Transport and Routing
- Planning and Configuring Message Transport
- Managing Transport Rules

Lab : Planning and Configuring Message Transport

- Configuring Message Transport
- Troubleshooting Message Delivery
- Configuring Transport Rules

Module 9: Planning and Configuring Message Hygiene

This module explains how to plan messaging security, implement an antivirus and anti-spam solution for Exchange Server 2013.

Lessons

- Planning Messaging Security
- Implementing an Antivirus Solution for Exchange Server 2013
- Implementing an Anti-Spam Solution for Exchange Server 2013

Lab : Planning and Configuring Message Security

- Configuring Antimalware Options in Exchange Server 2013
- Configuring Anti-Spam Options on Exchange Server

Day 4**Module 10: Planning and Configuring Administrative Security and Auditing**

This module explains how to configure role-based access control (RBAC) permissions and configure audit logging.

Lessons

- Configuring Role-Based Access Control
- Configuring Audit Logging

Lab : Configuring Administrative Security and Auditing

- Configuring Exchange Server Permissions
- Configuring Audit Logging
- Configuring RBAC Split Permissions on Exchange Server 2013

Module 11: Designing and Implementing Message Retention

This module explains how to design and implement message retention in Exchange Server 2013.

Lessons

- Overview of Messaging Records Management and Archiving
- Designing In-Place Archiving
- Designing and Implementing Message Retention

Lab : Designing and Implementing Message Retention

- Implementing In-Place Archive Mailboxes
- Designing and Implementing Message Retention Policies and Tags

Module 12: Managing Exchange Server 2013 with Exchange Management Shell

This module explains how to use Windows PowerShell 3.0 to manage Exchange Server 2013.

Lessons

- Managing Exchange Server Recipients by Using the Exchange Management Shell
- Using Windows PowerShell to Manage Exchange Server

Lab : Managing Microsoft Exchange Server 2013 by Using Exchange Management Shell

- Exploring the Exchange Management Shell
- Using Exchange Management Shell to Manage Recipients

Day 5

Module 13: Designing and Implementing Messaging Compliance

This module explains how to design and implement messaging compliance.

Lessons

- Designing and Implementing Data Loss Prevention
- Designing and Implementing In-Place Hold
- Designing and Implementing In-Place eDiscovery

Lab : Designing and Implementing Messaging Compliance

- Implementing Data Loss Prevention
- Implementing In-Place eDiscovery
- Implementing In-Place Hold

Module 14: Designing and Implementing Exchange Server Upgrades

This module explains how to design and implement upgrades from previous Exchange Server versions.

Lessons

- Planning the Upgrade from Previous Exchange Server Versions
- Implementing the Upgrade from Previous Exchange Versions

Lab : Upgrading from Exchange Server 2010 to Exchange Server 2013

- Upgrading from Exchange Server 2010 to Exchange Server 2013
- Removing Exchange Server 2010