CORE SOLUTION OF
Microsoft Exchange Server 2016

This course will provide you with the knowledge and skills to plan, deploy, manage, secure, and support Microsoft Exchange Server 2016. This course will teach you how to configure Exchange Server 2016 and supply you with the information you will need to monitor, maintain, and troubleshoot Exchange Server 2016. This course will also provide guidelines, best practices, and considerations that will help you optimize performance and minimize errors and security threats in Exchange Server 2016.

AT COURSE COMPLETION

After completing this course, students will be able to:
- Deploy and manage Exchange Server 2016.
- Plan and configure the Mailbox server role.
- Manage recipient objects, address policies, and address lists in Exchange Server 2016.
- Plan and implement the Client Access server role in Exchange Server 2016.
- Securely plan and configure Microsoft Outlook Web App and mobile messaging using the Client Access server.
- Understand and manage highly available Client Access servers in Exchange Sever 2016.
- Plan for disaster mitigation, implement back up and recovery for Exchange Server 2016.
- Plan and configure message transport in an Exchange Server 2016 organization.
- Plan message security options, implement an antivirus solutions, and implement an anti-spam solution.
- Configure permissions and secure Exchange Server 2016.
- Monitor, maintain, and troubleshoot an Exchange Server 2016 environment.

PREREQUISITES

Before attending this course, students must have:
- Minimum of two years of experience administering Windows Server, including Windows Server 2008 R2 or Windows Server 2012.
- Minimum of two years of experience working with Active Directory Domain Services (AD DS).
- Minimum of two years of experience working with name resolution, including DNS.
- Experience working with certificates, including PKI certificates.

TIME : 9:00-17:00 | DURATION : 2 DAYS

INSTRUCTOR : SUPSIT SOYSING (AUY)

COURSE KNOWLEDGE CAN FURTHER EXPAND STUDENT SKILL
CERTIFICATION AWARD AFTER GRADUATION

FREE LUNCH
READY LEARNING TOOLS, NO PARKING FEE.

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Module 1: Deploying and Managing Microsoft Exchange Server 2016
This module describes Exchange Server 2016 prerequisites and requirements, deployment and management.
Lessons
- Exchange Server 2016 Prerequisites and Requirements
- Exchange Server 2016 Deployment
- Managing Exchange Server 2016

Lab : Deploying and Managing Exchange Server 2016
- Evaluating Requirements and Prerequisites for an Exchange Server 2016 Installation
- Deploying Exchange Server 2016
- Managing Exchange Server 2016

After completing this module, students will be able to:
- Describe Exchange Server 2016 prerequisites and requirements.
- Perform an Exchange Server 2016 deployment.
- Manage Exchange Server 2016.

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
- Planning Configuration for Mailbox Servers
- Configuring Storage on the Mailbox Servers
- Creating and Configuring Mailbox Databases

After completing this module, students will be able to :
- Describe the Mailbox server role.
- Plan for a Mailbox server role deployment.
- Configure the Mailbox servers.

Module 3: Managing Recipient Objects
This module explains how to manage recipient objects, address policies, and address lists in Exchange Server 2016.
Lessons
- Managing Exchange Server 2016 Mailboxes
- Managing Other Exchange Recipients
- Planning and Implementing Public Folder Mailboxes
- Managing Address Lists and Policies

Lab : Managing Recipient Objects
- Configuring Trey Research Recipients
- Configuring Address Lists and Policies for Trey Research
- Configuring Public Folders for Trey Research

After completing this module, students will be able to :
- Manage Exchange Server 2016 mailboxes.
- Manage other Exchange Server 2016 recipients.
- Implement public folders.
- Configure address lists and policies.

Module 4: Planning and Deploying Client Access Servers

This module explains how to plan and implement the Client Access server role in Exchange Server 2016.

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

After completing this module, students will be able to:
- Plan Client Access server deployment.
- Configure the Client Access server roles.
- Manage Client Access services.

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 2016.

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 : Planning and Configuring Messaging Client Connectivity
- Planning Client Connectivity
- Configuring Outlook Web App and Outlook Anywhere
- Configuring Exchange ActiveSync

After completing this module, students will be able to:
- Describe the client services Exchange Server 2016 provides.
- Configure Outlook Web App.
- Plan and configure mobile messaging.
- Configure secure Internet access for Client Access server.

Module 6: Planning and Implementing High Availability (DAG)

This module explains the high-availability technology built into Exchange Server 2016, and some of the outside factors that affect highly available solutions.

Lessons
- High Availability on Exchange Server 2016
- 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

After completing this module, students will be able to:
- Describe high availability in Exchange Server 2016.
- Configure highly available mailbox databases.
- Configure highly available Client Access servers.