Microsoft Exchange Server 2016 Infrastructure

Course Prerequisites

This course is designed for users who have:

- Knowledge of Windows Server 2012 R2 roles and features.
- Foundational knowledge of Microsoft Active Directory Domain Services, Networking, and DNS.

Course Objectives

After completing this course, students will be able to:

- Plan and implement Microsoft Exchange Server 2016 prerequisites and requirements.

- Prepare your Active Directory for Exchange Server 2016.

- Manage Exchange Server 2016 clients.

- Administer Exchange Server using the Exchange Management Shell and Exchange Admin Center.

- Manage Exchange Server 2016 recipients.

- Plan and Implement Public Folder Mailboxes.

- Plan and Configure Administrative Security and Auditing.

Course Outline

Week 1 – Module 0:

Course Introduction
- Welcome to Microsoft Exchange Server 2016 Infrastructure
- Course Syllabus and Grading
- Discussion Forums and Getting Help
- Getting to Know You

Week 1 – Module 1:

Exchange Server 2016 Prerequisites and Requirements
- Introduction to Exchange Server and Active Directory Integration
- Hardware and Software Requirements
- Prepare Active Directory for Exchange Server 2016 Deployment
Module Assessment

Week 2 – Module 2:

Exchange Server 2016 Deployment
- Exchange Server 2016 Architecture
- Install Exchange Server 2016

Module Assessment

Week 3 – Module 3:

Manage Exchange Server 2016
- Manage Exchange Server and Client Settings
- Introduction to Exchange Management Shell

Practical lab
Module Assessment

Week 4 – Module 4:

Manage Exchange Server 2016 Recipient Objects
- Mailbox Recipient Objects
- Email Address Policies

Practical lab
Module Assessment

Week 5 – Module 5:

Manage Mail-enabled Object Permissions
- Mailbox Permissions
- Manage Mailbox Folder Permissions
- Automapping

Practical lab
Module Assessment

Week 6 – Module 6:

Plan and Implement Public Folder Mailboxes
- Plan and Implement Public Folder Mailboxes

Practical lab
Module Assessment

Week 7 – Module 7:

Plan and Configure Administrative Security and Auditing
- Configure Role-Based Access Control
- Exchange Server Split Permissions
- Configure Audit Logging

Practical lab