Advanced Solutions of Microsoft Exchange Server 2013 - MOC On Demand (MS-20342)

Modality: On Demand

Duration: 2 Days

SATV Value: 2

- *This course is for professionals planning to enroll in the 70-342 Exam leading to the 70-342 Certification. The official exam voucher is not included in this course. However, the official exam voucher can be purchased separately on request.*

About this Course:

This course is only accessible for 90 days from the enrollment date and is a Microsoft On-Demand Course. Candidates having annual subscriptions or candidates who purchase this course individually will lose access to this course after 90 days.

This advanced-level course gives a comprehensive overview of designing and implementing Microsoft Exchange Server core features and functionalities. Professionals will learn the art of configuring and managing the messaging environment in Exchange Server 2013. On average, a professional Microsoft Exchange Administrator earns $71,170 annually. The primary objective of this course is to train professionals for success in the 70-342 Certification Exam.

Course Objectives:

The core objective of this course is to help professionals gain a better understanding and sound knowledge of the following key concepts:

- Designing and Implementing Unified Messaging in Exchange Server 2013
- Site Resiliency Design & Implementation
- Exchange Server 2013 Virtualization Strategy Planning
- Message Transport Security Design and Implementation
- Exchange Server 2013 Message Retention Design and Implementation
- Designing and Implementing Administrative Security and Messaging Compliance
- Exchange Server 2013 Management with PowerShell Command Line Interface
- Exchange Online Integration and Messaging Coexistence Design and Implementation
- Non-Exchange to Exchange Server Message Migrations

Audience:

- Enterprise-Level Messaging Administrators
- Helpdesk Professionals and IT Generalists
- Network and System Administrators
- Professionals striving to learn about Microsoft Exchange Server 2013

Prerequisites:

Professionals planning to enroll in the Advanced Solutions of Microsoft Exchange Server – 2013 – MOC On-Demand (MS-20342) Course must comply with the following prerequisites:

- Minimum 2 Years Active Directory Domain Service Experience
- Minimum 2 Years Name Resolution & Domain Name System Experience
- Minimum 2 Years Windows Server Administration Experience
- Minimum 2 Years Microsoft Exchange Server Experience
- Minimum 6 Months Microsoft Exchange Server 2010 & 2013 Experience
- Knowledge of Active Directory Certificate Services & Public Key Infrastructure
- Conceptual Know-how of the Key Concepts of Windows PowerShell

Course Outline:

Module 1: Designing and Implementing Site Resilience

This module explains how to design and implement site resilience for Exchange Server 2013.

Lessons

- Site Resilience and High Availability in Exchange Server 2013
- Planning a Site Resilient Implementation
- Implementing Site Resilience

Lab : Designing and Implementing Site Resiliency

After completing this module, students will be able to design and implement site resilience for Exchange Server 2013.

Module 2: Planning Virtualization for Microsoft Exchange Server 2013

This module explains how to plan a virtualization strategy for Exchange Server 2013 roles.

Lessons

- Planning a Hyper-V Deployment to Exchange Server 2013
- Virtualizing Exchange Server 2013 Server Roles

Lab : Planning the Virtualization of Exchange Server Roles

After completing this module, students will be able to plan a virtualization strategy for Exchange Server 2013 roles.

Module 3: Overview of Exchange Server 2013 Unified Messaging

This module explains the basic concept of Unified Messaging in Exchange Server 2013.

Lessons

- Overview of Telephony Technologies
- Unified Messaging in Exchange Server 2013
- Unified Messaging Components

Lab : Unified Messaging Overview

After completing this module, students will be able to explain the basic concept of Unified Messaging in Exchange Server 2013.

Module 4: Designing and Implementing Exchange Server 2013 Unified Messaging

This module explains how to design and implement Exchange Server 2013 Unified Messaging.

Lessons

- Designing a Unified Messaging Deployment
- Deploying and Configuring Unified Messaging Components
- Designing and Implementing Exchange Server 2013 UM Integration with Lync Server 2013

Lab : Designing and Implementing Exchange Server 2013 Unified Messaging

After completing this module, students will be able to design and implement Exchange Server 2013 Unified Messaging.

Module 5: Designing and Implementing Message Transport Security

This module explains how to design and implement message transport security.

Lessons

- Overview of Messaging Policy and Compliance Requirements
- Designing and Implementing Transport Compliance
- Designing and Implementing AD RMS Integration with Exchange Server 2013

Lab : Designing and Implementing Message Transport Security

After completing this module, students will be able to design and implement message transport security.

Module 6: 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

After completing this module, students will be able to design and implement message retention in Exchange Server 2013.

Module 7: 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

After completing this module, students will be able to design and implement messaging compliance.

Module 8: Designing and Implementing Administrative Security and Auditing

This module explains how to design and implement administrative security in an Exchange Server 2013 environment.

Lessons

- Designing and Implementing Role-Based Access Control (RBAC)
- Designing and Implementing Split Permissions
- Planning and Implementing Audit Logging

Lab : Designing and Implementing Administrative Security and Auditing

After completing this module, students will be able to design and implement administrative security in an Exchange Server 2013 environment.

Module 9: Managing Exchange Server 2013 with Exchange Management Shell

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

Lessons

- Overview of Windows PowerShell 3.0
- 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

After completing this module, students will be able to use Windows PowerShell 3.0 to manage Exchange Server 2013.

Module 10: Designing and Implementing Integration with Microsoft Exchange Online

This module explains how to design and implement integration with Exchange Online.

Lessons

- Planning for Exchange Online
- Planning and Implementing the Migration to Exchange Online
- Planning to Coexist with Exchange Online

Lab : Designing Integration with Exchange Online

After completing this module, students will be able to design and implement integration with Exchange Online.

Module 11: Designing and Implementing Messaging Coexistence

This module explains how to design and implement messaging coexistence.

Lessons

- Designing and Implementing Federation
- Designing Coexistence Between Exchange Server Organizations
- Designing and Implementing Cross-Forest Mailbox Moves

Lab : Implementing Messaging Coexistence

After completing this module, students will be able to design and implement messaging coexistence.

Module 12: 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

After completing this module, students will be able to design and implement upgrades from previous Exchange Server versions.

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