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Enterprise Computing Solutions - Education Services

TRAINING OFFERING

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Advanced Solutions of Microsoft Exchange Server 2013

CODE:	DURÉE:	PRIX H.T.:
MCS_20342	40 Hours (5 Jours)	€2,695.00

Description

This course will provide you with the knowledge and skills to configure and manage a Microsoft Exchange Server 2013 messaging environment. This course will teach you how to configure Exchange Server 2013, and it will provide guidelines, best practices, and considerations that will help you optimize your Exchange Server deployment.

Objectifs

After completing this course, students will be able to:

- Design and implement Exchange Server 2013 Unified Messaging.
- Design and implement site resiliency for Exchange Server 2013.
- Plan a virtualization strategy for Exchange Server 2013 roles.
- Design and implement message transport security.
- Design and implement message retention in Exchange Server 2013.
- Design and implement messaging compliance.
- Design and implement administrative security in an Exchange Server 2013 environment.
- Use the Windows PowerShell® 3.0 command-line interface to manage Exchange Server 2013.
- Design and implement integration with Exchange Online.
- Design and implement messaging coexistence.
- Design and implement Exchange Server migrations from non-Exchange messaging systems, and upgrades from previous Exchange Server versions.

Audience

This course is intended for people aspiring to be enterprise-level messaging administrators. Others who may take this course include IT generalists and help desk professionals who want to learn about Exchange Server 2013. People coming into the course are expected to have at least 3 years of experience working in the IT field—typically in the areas of network administration, help desk, or system administration. Students are expected to have experience with Exchange Server 2013 or with previous versions of Exchange Server.
In addition, this course is intended as preparation material for IT professionals who are looking to take the exam 70-342A: Microsoft Exchange Server 2013, Advanced Solutions, as a stand-alone, or as part of the requirement for the MCSE: Microsoft Exchange Server 2013 certification.

Prérequis

In addition to their professional experience, students who attend this training should already have the following technical knowledge:

- Passed 70-341: Core Solutions of Microsoft Exchange Server 2013, or equivalent
- Minimum of two years of experience working with Exchange Server
- Minimum of six months of experience working with Exchange Server 2010 or Exchange Server 2013
- 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
- Minimum of two years of experience working with name resolution, including DNS
- Experience working with certificates, including public key infrastructure (PKI) certificates
- Experience working with Windows PowerShell

Students who attend this training can meet the prerequisites by attending the following courses, or by obtaining equivalent knowledge and skills:

- Course 20341: Core Solutions of Microsoft Exchange Server 2013

Programme

Course OutlineModule 1: Designing and Implementing Site ResilienceThis 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 ResiliencyAfter 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 2013This 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 RolesAfter 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 MessagingThis 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 OverviewAfter 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 MessagingThis 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 MessagingAfter completing this module, students will be able to design and implement Exchange Server 2013 Unified Messaging.Module 5: Designing and Implementing Message Transport SecurityThis 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 Active Directory Rights Management Services (AD RMS) Integration with Exchange Server 2013

Lab : Designing and Implementing Message Transport SecurityAfter completing this module, students will be able to design and implement message transport security.Module 6: Designing and Implementing Message RetentionThis 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 RetentionAfter completing this module, students will be able to design and implement message retention in Exchange Server 2013.Module 7: Designing and Implementing Messaging ComplianceThis 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 ComplianceAfter completing this module, students will be able to design and implement messaging compliance.Module 8: Designing and Implementing Administrative Security and AuditingThis 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 AuditingAfter 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 ShellThis 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 ShellAfter 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 OnlineThis 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 OnlineAfter completing this module, students will be able to design and implement integration with Exchange Online.Module 11: Designing and Implementing Messaging CoexistenceThis 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 CoexistenceAfter completing this module, students will be able to design and implement messaging coexistence.Module 12: Designing and Implementing Exchange Server UpgradesThis 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 2013After completing this module, students will be able to design and implement upgrades from previous Exchange Server versions.

Dates de session

Sur demande. Merci de nous contacter

Informations Complémentaires

Cette formation est également disponible sous forme de formation sur site. Veuillez nous contacter pour en savoir plus.