



Vos contacts :
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MS10150 – Mise à jour Exchange 2007 vers Microsoft Exchange Server 2010

Objectif	After completing this course, students will be able to: articulate the core scenarios and architectural requirements for Exchange Server 2010, install and deploy an Exchange Server 2010 Server, understand integration of Exchange Server 2010 with other applications.
Pré requis	Pour suivre ce stage, aucun pré-requis.
Durée	3 jours

Contenu

Module 1: Exchange Server 2010 Overview

- Flexible And Reliable
- Anywhere Access
- Protection and Compliance
- All Optimized for Software + Services

Module 2: Setup, Deployment, and Server Role Configuration

- Deployment scenarios
- Deployment prerequisites
- Role configuration
- Virtualization deployment guidelines

Module 3: Planning & Sizing Issues

- Overview of product team testing and guidance process
- Guidelines and ratios
- Role specific details
- Toolkit for planning and sizing

Module 4: Client Access Server

- Client Access Server (CAS) functions
- What's new in Exchange Server 2010
- Exchange Server 2003/Exchange Server 2007 Migration Scenarios to Exchange Server 2010
- Secure Sockets Layer (SSL) and certificate considerations

Module 5: Exchange Server 2010 (Beta) End User (IW) Experience

- Exchange Server 2010 Architecture overview
- Mobility Feature Set in Exchange Server 2010 and Windows Mobile 6.5
- Outlook Web Access Feature Set in Exchange Server 2010

Module 6: Federation Scenarios

- Why Federation in an Enterprise Environment
- Delegation Scenario Services
- End User Services
- Configuration and setting up Federation
- Calendar Sharing
- Overview of the flow of Federation

Module 7: Transport, Routing and Information Leakage Protection and Control (IPC)

- Transport and routing
- Information Leakage Protection and Control (IPC)

Module 8: Compliance: Archiving and Retention

- Compliance Framework
- IW & IT Pro Pain Points
- Archive – IW Experience
- Archive – IT Pro Experience
- Exchange Server 2010 Archiving Features Summary

Module 9: Unified Messaging

- UM Architecture
- Customer research and feedback
- How Exchange Unified Messaging (UM) is used at Microsoft
- Exchange Server 2010 UM

Module 10: Storage

- Exchange storage background
- Disk storage technology 2010+
- Exchange Server 2010 storage architecture
- Exchange Server 2010 storage design

Module 11: High Availability

- Review of Exchange Server 2007 Availability Solutions
- Overview of Exchange Server 2010 High Availability
- Key New High Availability features

Module 12: Management Tools & RBAC

- Understand the Exchange Server 2010 Management Tool set
- Exchange Server 2010 Management Tools new capabilities and application of them
- What is Role Based Access Control and how to delegate administrative functions
- Discover the Exchange Server 2010 Control Panel (ECP)
- Learn how to manage an Exchange Server 2010 server using Remote PowerShell



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Module 13: Technical Architectural Wrap-up and Transition/Migration Topics

- Review Exchange Server 2010 key architecture changes
- Discuss Exchange Server 2010 transition and co-existence scenarios
- Discuss how to prepare your environment for Exchange Server 2010

Module 14: Online Roadmap

- Overview of today's current exchange online offering
- New core capabilities: How Exchange Server 2010 closes existing gaps between the capabilities of Exchange Server and Exchange Online
- Hybrid deployment deployments of on-premises and hosted users
- Management: How Exchange Server 2010 management tools can be used to manage a hosted Exchange environment

Module 15: Developer Tools

- Changes to the Exchange Server 2010 application programming interfaces (APIs)
- Exchange Web Services (EWS)
- PowerShell development
- Transport APIs
- What technology should I use?