



Vos contacts :
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MS10233 – Designing and Deploying Messaging Solutions with Microsoft Exchange Server 2010

Objectif After completing this course, students will be able to: gather the information required to design a messaging system, design the integration of Exchange Server with the current infrastructure, design the deployment of the Mailbox server services in Exchange Server 2010, design the Client Access server deployment, design the Hub Transport server and Edge Transport server deployments, plan and deploy messaging security, plan and deploy a messaging policy and compliance solution, plan a highly available Exchange Server 2010 deployment, plan a disaster recovery solution in Exchange Server 2010, develop a plan for monitoring and troubleshooting the Exchange Server environment, plan and implement a transition from Exchange Server 2003 or Exchange Server 2007 to Exchange Server 2010, integrate Exchange Server 2010 with other messaging systems and with federated partners.

Pré requis Before attending this course, students must have: at least two years of experience working with Microsoft Exchange Server, at least six months of experience working with Exchange Server 2010 or Exchange Server 2007, at least two years of experience administering Windows Server, including Windows Server 2008, at least two years of experience working with Active Directory Domain Services (AD DS), at least two years of experience working with name resolution, including Domain Name Service (DNS), experience working with certificates, including Public Key Infrastructure (PKI) certificates, experience working with Microsoft Windows PowerShell.

Durée 5 jours

Contenu

Module 1: Introduction to Designing a Microsoft Exchange Server 2010 Deployment

- Gathering Business Requirements
- Identifying Additional Requirements
- Introduction to Service Level Management
- Analyzing the Current Messaging Environment

Module 2: Designing Microsoft Exchange Server 2010 Integration with the Current Infrastructure

- Designing the Network Infrastructure
- Designing the Active Directory Infrastructure
- Designing the DNS Infrastructure
- Planning Exchange Server Administration

Module 3: Planning and Deploying Mailbox Services

- Overview of Mailbox Services in Exchange Server 2010
- Designing Mailbox Servers
- Designing Recipient Management
- Designing Public Folder Architecture

Module 4: Planning and Deploying Client Access Services in Exchange Server 2010

- Overview of the Client Access Server Role
- Designing the Client Access Server Deployment
- Designing Client Access
- Designing Client Access Policies

Module 5: Planning and Deploying Message Transport in Exchange Server 2010

- Designing Message Routing for Exchange Server 2010
- Designing Hub Transport Servers
- Designing the Message Routing Perimeter

Module 6: Planning and Deploying Messaging Security

- Designing Message Security
- Designing Antivirus and Anti-Spam Solutions

Module 7: Planning and Deploying Messaging Compliance

- Designing Transport Compliance
- Designing AD RMS Integration with Exchange Server 2010
- Designing Message Journaling and Archiving
- Designing Messaging Records Management

Module 8: Planning and Deploying High Availability

- Introduction to High Availability Planning in Exchange Server 2010
- Designing High Availability for Mailbox Databases
- Designing High Availability for Other Server Roles
- Designing Site Resilience

Module 9: Planning a Disaster Recovery Solution

- Planning for Disaster Mitigation
- Planning Exchange Server Backup
- Planning Exchange Server Recovery



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Module 10: Planning Microsoft Exchange Server 2010 Monitoring and Troubleshooting

- Planning Exchange Server Monitoring
- Planning Exchange Server Troubleshooting

Module 11: Upgrading to Microsoft Exchange Server 2010

- Overview of Upgrading to Exchange Server 2010
- Planning the Upgrade from Exchange Server 2003 to Exchange Server 2010
- Planning the Upgrade from Exchange Server 2007 to Exchange Server 2010

Module 12: Integrating Microsoft Exchange Server 2010 with Other Messaging Systems

- Designing Exchange Server 2010 Integration with Other Messaging Systems
- Designing Exchange Server 2010 Integration with Federated Partners
- Designing Exchange Server 2010 Integration with Exchange Online