

Implementing Microsoft Exchange on NetApp Storage Systems (MSEXC)

Course Contents

Module 1: Exchange 2010 Architectures and NetApp Storage Concepts

- Describe the main architecture and components of an Exchange deployment
- List the key differences that are introduced with Exchange Server 2010
- Explain the NetApp storage concepts and functionality that are most relevant to Exchange 2010 deployments
- Utilize your classroom lab equipment to complete student lab exercises

Module 2: Exchange 2010 Solution Design, NetApp Storage Planning and Sizing

- Explain typical deployment scenarios for Exchange 2010
- Summarize the main factors to consider when you plan NetApp storage for Exchange deployments
- Use the Microsoft Exchange storage calculator to help you to plan for an Exchange 2010 deployment on NetApp

Module 3: Preparing for an Exchange 2010 Deployment on NetApp Storage

- Describe the installation process for Exchange Server 2010
- Prepare and configure the NetApp storage systems and Exchange servers
- Install and configure SnapDrive for Windows
- Install and configure SnapManager for Microsoft Exchange (SME)
- Plan for an Exchange Server upgrade or migration from an Exchange implementation

Module 4: Exchange 2010 and NetApp Data ONTAP Operating in Cluster-Mode

- Explain basic terminology for Data ONTAP operating in Cluster-Mode
- Identify the similarities and differences between Data ONTAP operating in 7-Mode and operating in Cluster-Mode
- List the main benefits of utilizing Data ONTAP operating in Cluster-Mode

Module 5: Backing Up and Restoring Exchange 2010 on NetApp Storage

- Describe the backup setting options that are available with SnapManager for Microsoft Exchange (SME)

- Use SME to perform an Exchange 2010 backup
- Describe the recovery setting options that are available with SME
- Use SME to perform an Exchange 2010 restore
- Describe some of the alternate backup solutions that are available for Exchange 2010 deployments on NetApp storage

Module 6: Exchange 2010 and SnapMirror Software

- Describe SnapMirror functionality within a Microsoft Exchange deployment
- Use SnapMirror software for disaster recovery of Exchange 2010
- Explain how the failover and failback processes work with SnapMirror software

Module 7: Exchange 2010 and SnapVault Software

- Describe SnapVault functionality within a Microsoft Exchange deployment
- Use SnapVault to archive and restore Exchange 2010 data

Module 8: NetApp Single Mailbox Recovery

- Explain the features, functionality, and benefits of Single Mailbox Recovery (SMBR) for an Exchange deployment
- Use SMBR to perform a single mailbox recovery

Module 9: Troubleshooting Exchange 2010 and Issues with SnapManager for Exchange

- Troubleshoot common issues for Exchange 2010 deployments on NetApp storage
- Explain viable solutions for common issues for Exchange 2010 deployments on NetApp storage