



To register or for more information call our office **(208) 898-9036** or email register@leapfoxlearning.com

20689: Upgrading Your Skills to MCSA Windows 8

Duration: 3 Days

Course Outline

Module 1: Installing Windows 8

This module explains how to plan and perform the installation of Windows 8.

Lessons

- Introducing Windows 8
- Preparing to Install Windows 8
- Installing Windows 8
- Activating Windows 8

Lab : Installing Windows 8

- Planning to Install Windows 8
- Performing a Clean Installation of Windows 8

After completing this module, students will be able to:

- Describe the different editions of Windows 8.
- Prepare a computer for the installation of Windows 8.
- Install Windows 8.
- Explain licensing and activation for Windows 8.

Module 2: Upgrading and Migrating to Windows 8

This module explains how to install Windows 8 on computers that are running earlier versions of Windows.

Lessons

- Upgrading to Windows 8
- Migrating to Windows 8
- Migrating User Data and Settings

Lab : Migrating to Windows 8

- Migrating User Data with USMT

After completing this module, students will be able to:

- Upgrade to Windows 8 from a previous version of Windows.
- Migrate to Windows 8 from a previous version of Windows.
- Migrate user data and settings.

Module 3: Administering Windows 8

This module explains how to administer Windows 8.

Lessons

- Performing the Local and the Remote Management of Windows 8
- Implementing Group Policies
- Administering Windows 8 with Windows Intune
- Introduction to Windows PowerShell 3.0
- Windows PowerShell Remoting

Lab : Implementing GPOs

- Creating Multiple GPOs
- Testing the Application of the GPOs

Lab : Administering Windows 8 with Windows PowerShell ISE

- Performing Common Administrative Tasks

After completing this module, students will be able to:

- Explain how to perform the local and the remote management of Windows 8.
- Implement Group Policy to manage client computers running Windows 8.
- Explain how to administer Windows 8 by using Windows Intune.
- Administer Windows 8 by using Windows PowerShell 3.0.

Module 4: Implementing an Application Strategy for Windows 8

This module explains how to implement a strategy for deploying and managing applications on computers running Windows 8.

Lessons

- Application Deployment Options in Windows 8
- Mitigating Application Compatibility Issues

Lab : Mitigating Application Compatibility Issues

- Analyzing Applications for Potential Compatibility Issues
- Identifying Application Compatibility Issues

After completing this module, students will be able to:

- Describe the application deployment options for Windows 8.
- Mitigate application compatibility issues in Windows 8.

Module 5: Configuring Applications

This module explains how to install, configure, and control applications in Windows 8.

Lessons

- Install and Configure Applications
- Managing Apps from the Windows Store
- Configuring Settings in Internet Explorer

- Configuring Application Restrictions in the Enterprise

Lab : Configuring Security in Internet Explorer

- Configuring Internet Explorer

Lab : Configuring AppLocker

- Configuring AppLocker Rules
- Testing AppLocker Rules

After completing this module, students will be able to:

- Install and configure applications.
- Install and manage apps from the Windows Store.
- Configure and secure Windows Internet Explorer.
- Configure application restrictions.

Module 6: Configuring Remote Access

This module explains how to enable remote access by configuring VPN and DirectAccess.

Lessons

- Configuring VPN Access
- Overview of DirectAccess

Lab : Configuring DirectAccess

- Enabling a Remote Access Server
- Implementing DirectAccess

After completing this module, students will be able to:

- Configure VPN access.
- Configure DirectAccess to provide seamless remote access to intranet resources.

Module 7: Implementing Storage in Windows 8

This module explains the important storage concepts and technologies in Windows 8. It also describes how to implement BitLocker and how Microsoft SkyDrive provides cloud-based storage for Windows Live users.

Lessons

- Understanding Storage Concepts in Windows 8
- Implementing BitLocker
- File Caching
- Overview of SkyDrive

Lab : Implementing BitLocker

- Recovering a Drive Encrypted by BitLocker

After completing this module, students will be able to:

- Explain the storage concepts in Windows 8.
- Implement BitLocker.
- Explain the file caching features that are available in Windows 8.

- Explain how Microsoft SkyDrive provides cloud-based storage for Windows Live users.

Module 8: Protecting and Recovering Windows 8

This module explains how to configure Windows Defender, back up and restore files in Windows 8, and recover a computer running Windows 8.

Lessons

- Configuring Host-Based Virus and Malware Protection
- Backing Up and Restoring Files in Windows 8
- Recovery Options in Windows 8

Lab : Recovering Windows 8

- Exploring Recovery Options in Windows 8
- Introducing a Simulated Problem
- Resolving the Problem

After completing this module, students will be able to:

- Configure Windows Defender.
- Describe how to back up and restore files in Windows 8.
- Recover a computer running Windows 8.

Module 9: Implementing Client Hyper-V

This module introduces you to Client Hyper-V in the Windows 8 operating system and explains the fundamentals of working with virtual machines in the Client Hyper-V environment.

Lessons

- Overview of Client Hyper-V
- Creating Virtual Machines
- Managing Virtual Hard Disks
- Managing Snapshots

Lab : Implementing Client Hyper-V

- Installing Client Hyper-V
- Creating a Virtual Network and a Virtual Machine
- Managing Virtual Machines

After completing this module, students will be able to:

- Describe Client Hyper-V in Windows 8.
- Create and work with virtual machines.
- Manage virtual hard disks (VHDs).
- Manage snapshots in Client Hyper-V.

Module 10: Implementing the Online Features of Windows 8

This module is a stand-alone lab that explains how to implement the online features of Windows 8.

Lab : Implementing the Online Features of Windows 8

- Renaming Your Host Computer
- Using SkyDrive
- Installing an App from the Windows Store

After completing this module, students will be able to:

- Reconfigure your host computer to prepare for the lab.
- Enable and use Microsoft SkyDrive.
- Install an app from the Windows Store.



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