

MCSA (Microsoft Certified Solutions Associate) – Windows 8 Course Outline

70-687 / Configuring Windows 8

Module 1: Installing Windows 8

- Introducing Windows 8
- Preparing to Install Windows 8
- Installing Windows 8
- Automating the Installation of Windows 8
- Activating Windows 8

Module 2: Upgrading and Migrating to Windows 8

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

Module 3: Managing Disks and Device Drivers

- Managing Disks, Partitions, and Volumes
- Maintaining Disks, Partitions, and Volumes
- Working with Virtual Hard Disks
- Installing and Configuring Device Drivers

Module 4: Configuring and Troubleshooting Network Connections

- Configuring IPv4 Network Connectivity
- Configuring IPv6 Network Connectivity
- Implementing Automatic IP Address Allocation
- Implementing Name Resolution
- Troubleshooting Network Connectivity

Module 5: Implementing Wireless Network Connections

- Overview of Wireless Networks
- Implementing a Wireless Network

Module 6: Implementing Network Security

- Overview of Threats to Network Security
- Configuring Windows Firewall
- Securing Network Traffic
- Configuring Windows Defender
- Explain how to configure Windows Defender.

Module 7: Configuring File Access and Printers on Windows 8 Clients

- Managing File Access
- Managing Shared Folders
- Configuring File Compression
- Managing Printers
- Overview of SkyDrive

Module 8: Securing Windows 8 Desktops

- Authentication and Authorization in Windows 8
- Implementing GPOs
- Securing Data with EFS and BitLocker
- Configuring User Account Control

Module 9: Configuring Applications

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

Module 10: Optimizing and Maintaining Windows 8 Client Computers

- Optimizing the Performance of Windows 8
- Managing the Reliability of Windows 8
- Managing Windows 8 Updates

Module 11: Configuring Mobile Computing and Remote Access

- Configuring Mobile Computers and Device Settings
- Configuring VPN Access
- Configuring Remote Desktop and Remote Assistance
- Overview of DirectAccess

Module 12: Implementing Hyper-VT

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

Module 13: Troubleshooting and Recovering Windows 8

- Backing Up and Restoring Files in Windows 8
- Recovery Options in Windows 8

Module 14: Using Windows PowerShell

- Introduction to Windows PowerShell 3.0
- Windows PowerShell Remoting
- Using Windows PowerShell Cmdlets

70-688 / Managing and Maintaining Window 8

Module 1: Planning and Implementing Management of Windows 8

- Local and Remote Management of Windows 8
- Using Windows PowerShell for Management
- Using Group Policy for Management
- Additional Tools for Managing Windows 8

Module 2: Designing and Implementing an Installation Strategy

- Determining a Deployment Strategy for Windows 8
- Planning a Migration Strategy to Windows 8
- Planning and Implementing Additional Windows 8 Deployment Methods
- Planning for Operating System Virtualization

Module 3: Planning and Implementing Authentication for Windows 8

- Overview of User Authentication
- Overview of Domain-Based Security

Module 4: Planning and Implementing IP Addressing and Intranet Connectivity

- Designing IPv4 Addressing
- Designing IPv6 Addressing
- Overview of Wired Network Connectivity
- Designing Wireless Network Connectivity
- Securing Network Connectivity with Windows Firewall

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Module 5: Implementing an Application Strategy for Windows 8

- Designing Application Deployment
- Planning an Application Compatibility Strategy
- Managing Windows 8 Apps

Module 6: Planning and Implementing a Solution for User Settings

- Managing User Profiles
- Overview of UE-V
- Deploying and Using UE-V

Module 7: Configuring Cloud Services

- Overview of Cloud Services
- Overview of Office 365

Module 8: Implementing Windows Intune

- Introduction to Windows Intune
- Deploying Windows Intune Clients
- Basic Windows Intune Administration

Module 9: Managing Computers by Using Windows Intune

- Working with Policies and Updates
- Deploying Software with Windows Intune

Module 10: Planning and Implementing Access to File and Print Resources

- Managing Local Storage
- Planning Access to File Shares
- Planning File Caching
- Planning, Installing and Configuring Printing

Module 11: Planning and Implementing Encryption for Windows 8

- Planning EFS
- Planning and Implementing BitLocker

Module 12: Designing and Implementing Endpoint Security for Windows 8

- Planning an Update Strategy
- Implementing Virus and Malware Protection
- Implementing AppLocker

Module 13: Designing and Implementing Extranet Connectivity

- Configuring Virtual Private Networks for Windows 8
- Planning Direct Access for Windows 8
- Managing Mobile Devices

Module 14: Planning and Implementing a Recovery Solution

- Overview of the Windows 8 Boot Process
- Repairing Stability Issues in Windows 8
- Planning User Data Recovery for Windows 8