

Windows 10 MCSA Bootcamp

Duration: 5 Day(s) – 9am to 8pm

Overview

This five day course will cover the topics necessary to prepare attendees with the baseline knowledge to take the 70-697 and 70-698 exams for the Windows 10 MCSA.

Who Should Attend

This course is intended for IT Professionals who are interested in specializing in Windows 10 desktop and application deployments and managing the cloud-based application and data service environments for medium-to-large enterprise organizations. These professionals typically work with networks that are configured as Windows Server domain-based environments with managed access to the Internet and cloud services. This course is also intended to provide skills for individuals who seek to pass the 70-697 Windows 10 Configuring exam.

This course is intended for IT professionals who administer and support Windows 10 desktops and devices in small to medium-sized networks. The networks with which these professionals typically work are configured as AD DS domain-based environments with managed access to the Internet and cloud services. Students who seek certification in exam 70-698: Installing and Configuring Windows 10 also will benefit from this course. In addition, this course is intended to provide skills for Enterprise Desktop/Device Support Technicians (EDSTs) who work in small to medium-sized organizations, and who provide Tier 1 or Tier 2 support to users running Windows 10 desktops and devices within a Windows domain environment.

Course Objectives

After completing this course, students will be able to: Plan, install, and upgrade to Windows 10. Perform post-installation configuration. Implement networking. Implement network security. Manage Windows 10 with Group Policy. Implement remote management. Manage local storage. Manage files and resources. Install and manage apps. Secure Windows 10. Implement remote connectivity. Maintain and update Windows 10. Recover and troubleshoot Windows 10.

Course Outline

1 - Managing Desktops and Devices in an Enterprise Environment

- Managing Windows 10 in the Enterprise
- Managing a Mobile Workforce
- Supporting Devices in the Enterprise
- Extending IT Management and Services to the Cloud
- Lab : Planning for Windows 10 and Device Management in the Enterprise

2 - Deploying Windows 10 Enterprise Desktops

- Overview of Windows 10 Enterprise Deployment
- Customizing Enterprise Desktop Deployments
- Deploying Windows 10 by Using the Microsoft Deployment Toolkit
- Maintaining a Windows 10 Installation
- Managing Volume License Activation for Windows 10

- Lab : Building a Reference Image by Using WADK Tools
- Lab : Using MDT to Deploy Windows 10 Desktops
- Lab : Maintaining a Windows 10 Installation using Windows ICD

3 - Managing User Profiles and User State Virtualization

- Managing User Profile and User State
- Implementing User State Virtualization by Using Group Policy
- Configuring User Experience Virtualization
- Managing User State Migration
- Lab : Configuring User Profiles and User State Virtualization
- Lab : Migrating User State by Using USMT

4 - Managing Windows 10 Sign-In and Identity

- Overview of Enterprise Identity
- Planning for Cloud Identity Integration
- Lab : Integrating a Microsoft Account with a Domain Account
- Lab : Joining Windows 10 to Azure Active Directory

5 - Managing Desktop and Application Settings by Using Group Policy

- Managing Group Policy Objects
- Configuring Enterprise Desktops Using Group Policy
- Overview of Group Policy Preferences
- Lab : Configuring Group Policy Objects and Settings
- Lab : Using Group Policy Preferences to Manage Desktop Settings

6 - Managing Data Access for Windows-based Devices

- Overview of Data Access Solutions
- Implementing Device Registration
- Implementing Work Folders
- Managing Online Data Using Cloud-Based Storage Solutions
- Lab : Configuring Data Access for Non-Domain Joined Devices
- Lab : Managing Data Access Using OneDrive

7 - Managing Remote Access Solutions

- Overview of Remote Access Solutions
- Configuring VPN Access to Remote Networks
- Using DirectAccess with Windows 10
- Supporting RemoteApp
- Lab : Implementing DirectAccess
- Lab : Configuring Azure RemoteApp

8 - Configuring and Managing Client Hyper-V

- Installing and Configuring Client Hyper-V
- Configuring Virtual Switches
- Creating and Managing Virtual Hard Disks
- Creating and Managing Virtual Machines
- Lab : Configuring Virtual Machines by Using Client Hyper-V

9 - Managing Windows 10 Devices Using Enterprise Mobility Solutions

- Overview of the Enterprise Mobility Suite
- Overview of Azure Active Directory Premium
- Overview of Azure Rights Management
- Overview of Microsoft Intune
- Lab : Implementing a Microsoft Intune Subscription

10 - Managing Desktop and Mobile Clients Using Microsoft Intune

- Deploying the Intune Client Software
- Overview of Microsoft Intune Policies
- Mobile Device Management Using Intune
- Lab : Installing the Intune Client Software and Configuring Policies
- Lab : Managing Mobile Devices Using Microsoft Intune

11 - Managing Updates and Endpoint Protection Using Microsoft Intune

- Managing Updates Using Microsoft Intune
- Managing Endpoint Protection
- Lab : Managing Updates and Endpoint Protection Using Microsoft Intune

12 - Application and Resource Access Using Microsoft Intune

- Overview of Application Management Using Intune
- The Application Deployment Process
- Controlling Access to Company Resources
- Lab : Deploying Applications by Using Microsoft Intune
- Lab : Managing Resource Access by Using Microsoft Intune