

Configuring Windows 8.1 (M20687)

Get expert instruction and hands-on practice administering and configuring Windows 8.1 in this 5-day Microsoft Official Course. This course is designed for experienced IT professionals who have knowledge and experience administering Windows PCs and devices in a domain environment with managed access to the Internet.

Objective

After completing this course, students will be able to:

Describe solutions and features related to managing Windows 8.1 in an enterprise network environment.

- Determine requirements and perform the tasks for installing and deploying Windows 8.1.
- Manage profiles and user state between Windows devices.
- Determine the most appropriate management tools to configure Windows 8.1 settings.
- Configure disks, partitions, volumes, and device drivers in a Windows 8.1 system.
- Configure network connectivity.
- Configure resource connectivity for both domain-joined and non-domain joined PCs and devices.
- Implement Windows 8.1 technologies to secure network connections.
- Configure file, folder, and printer access.
- Implement tools and technologies that can help secure Windows 8.1 PCs and devices.
- Configure and control desktop apps, Windows Store apps, and virtual apps.
- Optimize and maintain Windows 8.1 PCs and devices.
- Configure mobile computer settings and to enable remote access.
- Determine how to recover Windows 8.1 from various failures.
- Describe and configure Client Hyper-V.

Details

Duration: 5 Days

Course Content

Module 1: Windows 8.1 in an Enterprise Environment

Windows client operating systems are essential to the functionality of almost every enterprise environment. Most users perform the bulk of their computing tasks in the Windows client interface, including editing documents, sending email, interacting with applications, and numerous other tasks. Managing these clients, then, is an important task for enterprise information technology (IT) administrators. You must manage Windows clients to ensure that operating systems and any applications are operating properly. Providing adequate security measures, deploying new clients when required, maintaining an inventory, and monitoring Windows clients in your environment are all essential tasks for IT administrators. This module introduces you to Windows 8.1 and provides an overview of how you can manage Windows 8.1 computers in your environment to meet common enterprise IT challenges.

Lessons

- Managing Windows 8.1 in an Enterprise Environment
- Overview of Windows 8.1

After completing this module, students will be able to:

- Explain the different options for managing Windows 8.1 in an enterprise environment.
- Describe Windows 8.1 and its UI.

Module 2: Installing and Deploying Windows 8.1

The Windows 8.1 operating system builds on the core functionality of Windows 8 and Windows 7 to provide a stable client experience across many device form factors and processor architectures. In this module, you will learn about the features that are available in different Windows 8.1 editions. This module introduces planning considerations and hardware requirements for a Windows 8.1 installation. You also will learn about the importance of device driver compatibility and application compatibility during installation. This module describes how you can perform a clean installation of Windows 8.1. It also describes how you can upgrade or migrate to Windows 8.1 and the upgrade paths that are supported. You will learn about the tools and technologies that you can use to customize an installation. You also will learn about Windows 8.1 activation and the different activation options.

Lessons

- Preparing to Install and Deploy Windows 8.1
- Installing Windows 8.1
- Customizing and Preparing a Windows 8.1 Image for Deployment
- Volume Activation for Windows 8.1

Lab : Installing Windows 8.1
Lab : Customizing and Capturing a Windows 8.1 Image
Lab : Deploying a Windows 8.1 Image

After completing this module, students will be able to:

- Prepare to install and deploy Windows 8.1.
- Install Windows 8.1.
- Customize and prepare a Windows 8.1 image for deployment.
- Describe volume activation for Windows 8.1.

Module 3: Tools Used for Configuring and Managing Windows 8.1

The Windows 8.1 operating system provides several methods to configure operating system components while signed in locally or connected remotely. This module describes the primary management tools in Windows 8.1 and the scenarios for using them.

Lessons

- Tools Used to Perform Local and Remote Management of Windows 8.1

