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# INSTALLING AND CONFIGURING WINDOWS 10 (M20698)

Course Code: 4985

Learn how to install and customize Windows 10 operating systems.

In this course, you will learn how to install and configure Windows 10 desktops in a Windows Server small to medium-sized AD DS domain environment. These skills include learning how to install and customize apps, configure local and remote network connectivity, and configure local and online storage. You also will learn how to configure security in addition to how to maintain, update, and recover Windows 10.

This course incorporates material from the Official Microsoft Learning Product 20698: and it can assist you in your preparation for Exam 70-698: Installing and Configuring Windows 10.

This course is also available in the On-Demand delivery format with digital Microsoft Official Courseware (dMOC). Click [here](#) to purchase.

## What You'll Learn

- 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

## Who Needs to Attend

- IT professionals who administer and support Windows 10 desktops and devices in small to medium-sized networks
- IT Professional who manage networks 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.

### Prerequisites

- Experience deploying and configuring Windows 8, Windows 8.1, or Windows 10.
- Experience deploying and configuring Windows Server 2012 or Windows Server 2016 Active Directory Domain Services (AD DS).
- Experience deploying and configuring network services, including DNS, in Windows Server 2012 or Windows Server 2016.
- Windows Client essentials, such as a working knowledge of Windows 8.1, Windows 8, or Windows 7.



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CLASSROOM LIVE

\$2,995 CAD

5 days

## Classroom Live Outline

### 1. Installing Windows 10

- Overview of Windows 10
- Planning your Windows 10 deployment
- Installing and deploying Windows 10
- Upgrading to Windows 10
- Windows 10 installation maintenance
- Managing volume activation

### 2. Performing Post-Installation Configuration

- Overview of management tools
- Customizing the user interface
- Managing devices, device drivers, and services
- Configuring features, mobility, and power options
- Overview of Client Hyper-V

### 3. Implementing Networking

- Homegroups, workgroups, and domains
- Configuring IPv4 network connectivity
- Configuring IPv6 network connectivity
- Implementing name resolution
- Troubleshooting network connectivity
- Implementing wireless network connectivity

### 4. Implementing Network Security

- Implementing Windows Firewall
- Connection security rules
- Implementing Windows Defender Antivirus

### 5. Managing Windows 10 with Group Policy

- Overview of Group Policy
  - Configuring Windows 10 devices with GPOs
6. Implementing remote management
- Using Remote Desktop
  - Using Remote Assistance
  - Using Windows Powershell remoting
7. Managing Storage
- Overview of storage options
  - Managing disks, partitions, and volumes
  - Maintaining disks and volumes
  - Manage Storage Spaces
  - Implementing and managing OneDrive
  - Working with virtual hard disks
8. Managing Files and Resources
- Overview of file systems
  - Configuring and managing file access
  - Managing shared folders
  - Working Folders
  - Managing printers
9. Deploying and Managing Apps
- Overview of apps in Windows 10
  - The Microsoft Store and Windows Store for Business
  - Automating app deployment
  - Configure web browsers
10. Securing Windows 10
- Managing user accounts
  - Configuring UAC
  - Implementing and Managing BitLocker
11. Implementing Remote Connectivity
- Overview of remote connectivity options
  - Implementing VPNs
  - Implementing DirectAccess
12. Maintaining Windows 10
- Updating Windows 10
  - Monitoring Windows 10
13. Recovering Windows 10
- Recovering files
  - Performing system recovery

Classroom Live Labs

Lab 1: Upgrading to Windows 10

Lab 2: Maintaining a Windows 10 Installation with Windows ICD

Lab 3: Managing Devices

Lab 4: Configuring Features and Power Options

Lab 5: Implementing Network Connections

Lab 6: Troubleshooting Network Connections

Lab 7: Implementing Network Security

Lab 8: Describe Windows Firewall

Lab 9: Implementing Remote Management

Lab 10: Managing Storage

Lab 11: Creating, Securing, and Sharing a Folder

Lab 12: Implementing Work Folders

Lab 13: Managing Printers

Lab 14: Deploying and Managing Windows Store Apps

Lab 15: Deploying Apps with Windows ICD

Lab 16: Configuring Microsoft Edge

Lab 17: Configuring User Accounts

Lab 18: Managing data Security

Lab 19: Implementing a VPN

Lab 20: Maintaining Windows

Lab 21: Troubleshooting and Recovery



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VIRTUAL CLASSROOM LIVE

\$2,995 CAD

5 days

## Virtual Classroom Live Outline

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- Overview of Windows 10
- Planning your Windows 10 deployment
- Installing and deploying Windows 10
- Upgrading to Windows 10
- Windows 10 installation maintenance
- Managing volume activation

### 2. Performing Post-Installation Configuration

- Overview of management tools
- Customizing the user interface
- Managing devices, device drivers, and services
- Configuring features, mobility, and power options
- Overview of Client Hyper-V

### 3. Implementing Networking

- Homegroups, workgroups, and domains
- Configuring IPv4 network connectivity
- Configuring IPv6 network connectivity
- Implementing name resolution
- Troubleshooting network connectivity
- Implementing wireless network connectivity

### 4. Implementing Network Security

- Implementing Windows Firewall
- Connection security rules
- Implementing Windows Defender Antivirus

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- Overview of Group Policy
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13. Recovering Windows 10
- Recovering files
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Virtual Classroom Live Labs

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ON-DEMAND

\$1,245 CAD

90 days

## On-Demand Outline

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- Installing and deploying Windows 10
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PRIVATE GROUP TRAINING

5 days

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