

5 Days

20698A: Installing & Configuring Windows 10

This is a 5 days' course, part I in the series of 2 courses that provides knowledge and skills required to install and configure Windows 10 desktops in a Windows Server domain environment. The skills include:

- Installing and customizing Windows 10 operating systems and apps,
- Configuring local and remote network connectivity, and
- Configuring local and online storage
- Configuring security in addition to how to maintain, update, and recover Windows 10.

This course will prepare candidates for the exam 70-698: Installing & Configuring Windows 10.

Course Details

Course Outline

Module 1: Installing Windows 10

- Introduction to Windows 10
- Plan your Windows 10 deployment
- Install and Deploy Windows 10
- Upgrade to Windows 10
- Windows 10 installation maintenance
- Manage volume activation

Module 2: Performing post-installation configuration

- Management tools
- Customize the user interface
- Manage devices, device drivers, and services
- Configure features, mobility, and power options
- Overview of Client Hyper-V

Module 3: Implementing networking

- Homegroups, workgroups, and domains

- Configure IPv4 network connectivity
- Configure IPv6 network connectivity
- Implement name resolution
- Troubleshoot network connectivity
- Implement wireless network connectivity

Module 4: Implement network security

- Implement Windows Firewall
- Connection security rules
- Implement Windows Defender

Module 5: Manage Windows 10 with Group Policy

- Overview of Group Policy
- Configure Windows 10 devices with GPOs

Module 6: Implement remote management

- Use Remote Desktop
- Use Remote Assistance
- Remote with Windows PowerShell

Module 7: Manage storage

- Overview of storage options
- Manage disks, partitions, and volumes
- Maintain disks and volumes
- Implement Storage Spaces
- Implement and Manage OneDrive
- Work with virtual hard disks

Module 8: Manage files and resources

- Overview of file systems
- Configure and Manage file access
- Manage shared folders
- Implement Work Folders
- Manage printers

Module 9: Deploy and manage apps

- Overview of apps in Windows 10
- The Windows Store and Windows Store for Business
- Automate app deployment

- Configure web browsers

Module 10: Securing Windows 10

- Manage user accounts
- Configure UAC
- Implement and Manage BitLocker

Module 11: Implementing remote connectivity

- Overview of remote connectivity options
- Implement VPNs
- Implement DirectAccess

Module 12: Maintaining Windows 10

- Update Windows 10
- Monitor Windows 10

Module 13: Recovering Windows 10

- Recover files
- Perform system recovery
- Use the advanced start up options to recover a device

Who Should Attend

- This course is intended for information technology (IT) professionals who administer and support Windows 10 desktops, devices, users, and associated network and security resources.
- The networks with which these professionals typically work are configured as Windows Server domain-based environments with managed access to the Internet and cloud services.
- Students who are preparing to take the exam 70-698 Installing and Configuring Windows 10 exam also will benefit from this course.
- Additionally, this course helps Enterprise Desktop/Device Support Technicians who provide Tier 1 & 2 support to users running Windows 10 desktops and devices within a Windows domain environment in medium-sized and larger organisations.

Pre Requisite

Before attending this course, candidates must have:

- Experience to deploy and configure Windows 8, Windows 8.1, or Windows 10.

- Experience to deploy and configure Windows Server 2012 or Windows Server 2016 Active Directory Domain Services (AD DS).
- Experience to deploy and configure network services, including DNS, in Windows Server 2012 or Windows Server 2016.
- Windows Client essentials, such as Windows 8.1, Windows 8, or Windows 7.

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