

Introduction to Installing and Configuring Windows 10 and Configuring Windows Devices

THE 70-698 SERIES OUTLINE



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Why Should I Take This Mini-course?



You need to learn how to *deploy, configure, and support* Windows 10 at work

You are considering pursuing Microsoft certification in Windows 10

You're a bit unclear about the division of content between the two Pluralsight learning tracks

- It's admittedly confusing!

You need a strategy for tackling the 13 courses in the 2 Windows 10 tracks



Modules in This Course

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**Areas of
Difference and
Overlap**

Study Strategies



The 70-698 Series Outline



Topics in this module:

Implement Windows

Configure and support core services

Manage and maintain Windows





Learning track includes these courses:

Installing and Configuring Windows 10

Implementing Windows 10

Configuring Windows 10 Core Services

Managing and Maintaining Windows 10





The topics and objectives that lend structure to the courses in this learning track are derived from the official Microsoft course outlines.

These outlines *can* change, but they rarely change significantly.



Implement Windows





The “Implement Windows” topic in a nutshell:

Install Windows 10, get the hardware working, set up the user environment, and set up the admin environment.



“Implement Windows” Courses



Covered by *two* Pluralsight courses:

Installing and Configuring Windows 10

- Andrew Bettany
- Objectives 1 & 2
- 1 hour 21 minutes

Implementing Windows 10

- Glenn Weadock
- Objectives 3, 4, & 5
- 2 hours 53 minutes



“Implement Windows” Courses Objective 1



Prepare for installation requirements

- Hardware requirements & compatibility
- Upgrade vs. clean installation
- Determine appropriate edition
- Requirements for particular features (Hyper-V, Cortana, Miracast, Secure Boot)
- Create appropriate installation media

“Implement Windows” Courses Objective 2



Install Windows

- Perform clean installations
- Upgrade via Windows Update
- Upgrade via installation media
- Native boot scenarios
- Migrate from previous versions
- Install to VHD, boot from VHD
- Install on bootable USB
- Install additional Windows features
- Configure additional regional support

“Implement Windows” Courses Objective 3



Configure devices and device drivers

- Install, update, disable, roll back drivers
- Resolve driver issues
- Configure driver settings for signed & unsigned drivers
- Manage driver packages
- Download & import driver packages
- Use DISM to add packages

“Implement Windows” Courses Objective 4



Perform post-installation configuration

- Start menu, desktop, taskbar, and notification settings
- Accessibility options
- Cortana
- Edge and IE
- Hyper-V
- Power settings

“Implement Windows” Courses Objective 5



Implement Windows in an enterprise environment

- Imaging and Configuration Designer
- AD-based activation
- KMS activation
- Activation and the command line
- AD and Group Policy
- User Account Control

Configure and Support Core Services



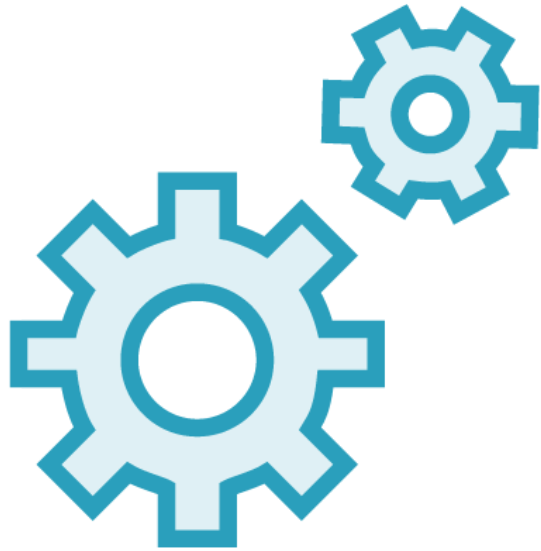


The “Configure and Support Core Services” topic in a nutshell:

Get your systems networked and equipped with storage; secure that storage; deploy apps; and set up remote management.



“Configure and Support Core Services” Course



Configuring Windows 10 Core Services

- Glenn Weadock
- 3 hours 16 minutes



“Core Services” Course Objective 1



Configure networking

- IPv4/IPv6
- Name resolution
- Connect to a network
- Network locations
- Windows Firewall
- Network discovery
- Wi-Fi settings; Wi-Fi Direct
- Troubleshooting
- VPN; IPsec; DirectAccess



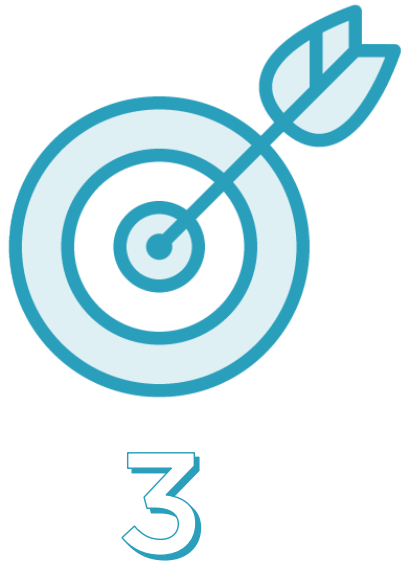
“Core Services” Course Objective 2



Configure storage

- Disks, volumes, file system options
- Disk Management; PowerShell
- VHDs
- Removable devices
- Storage Spaces
- Troubleshooting

“Core Services” Course Objective 3



Configure data access and usage

- File and printer sharing
- HomeGroup connections
- Folder shares; public folders; OneDrive
- File system permissions
- OneDrive usage
- Troubleshooting

“Core Services” Course Objective 4



Implement apps

- Desktop apps
- Windows Store apps
- Startup options
- Windows features
- Windows Store for Business
- Provisioning packages
- Deployment tools (including WADK)

“Core Services” Course Objective 5



Configure remote management

- Choose appropriate tools
- Remote management settings
- MMC and PowerShell
- Remote Assistance; Easy Connect
- Remote Desktop
- Remote PowerShell



Manage and Maintain Windows



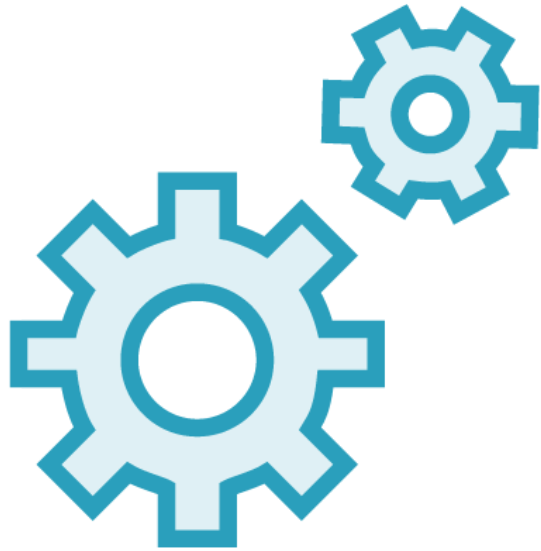


The “Manage and Maintain Windows”
topic in a nutshell:

*Set up automatic updating; monitor
Windows for problems; perform
restores when things go wrong; and
beef up account security.*



“Manage and Maintain Windows” Course



Managing and Maintaining Windows 10

- Glenn Weadock
- 3 hours 16 minutes



“Manage and Maintain” Course Objective 1

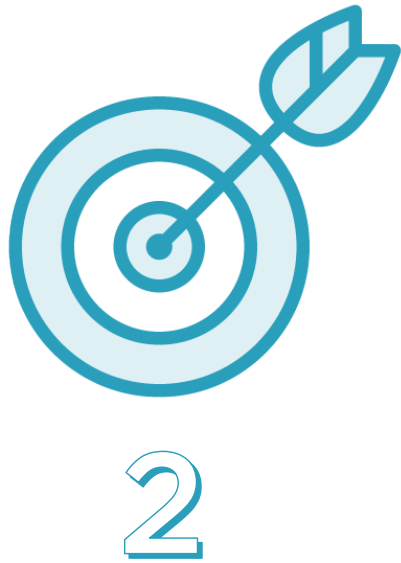


Configure updates

- Windows Update
- Servicing branches
- Update history
- Roll back updates
- Update Windows Store apps



“Manage and Maintain” Course Objective 2



Monitor Windows

- Event Viewer logs, subscriptions
- Performance monitoring with Task Manager, Resource Monitor, & Performance Monitor
- Printer monitoring
- Windows Defender
- Reliability Monitor
- Troubleshooting

“Manage and Maintain” Course Objective 3



System and data recovery

- Recovery drives
- System restore
- Refresh/recycle
- Driver rollback
- Hardware and device issues
- Previous Versions
- File History
- OneDrive
- Windows Backup and Restore

“Manage and Maintain” Course Objective 4

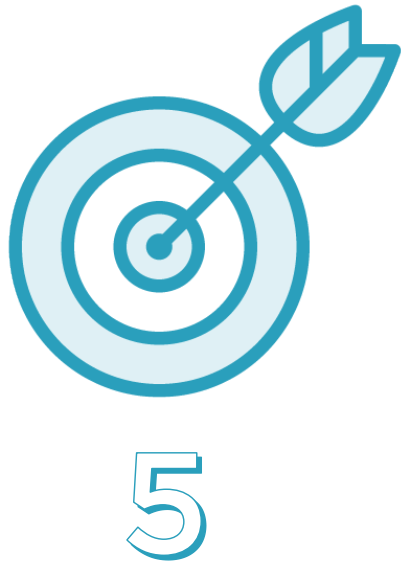


Configure authorization and authentication

- Microsoft Passport
- Windows Hello; biometrics; picture passwords
- Local, workgroup, & domain settings
- Credential Manager
- Credential Guard
- Device Registration
- Device Guard
- Device Health Attestation
- User Account Control



“Manage and Maintain” Course Objective 5



Advanced management tools

- Services
- Device Manager
- Microsoft Management Console
- Task Scheduler
- Windows PowerShell

So that's the Skinny on the
70-698 Learning Track.
Next Up:
The 70-697 Series Outline

