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# *Installing and Configuring Windows 10*

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## **Topics:**

### **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

### **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

### **Implementing networking**

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

### **Implementing network security**

- Implementing Windows Defender Firewall
- Connection security rules

- Implementing Windows Defender Antivirus

### **Managing Windows 10 with Group Policy**

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

### **Implementing remote management**

- Using Remote Desktop
- Using Remote Assistance
- Remoting with Windows PowerShell

### **Managing storage**

- Overview of storage options
- Managing disks, partitions, and volumes
- Maintaining disks and volumes
- Managing Storage Spaces
- Implementing and managing OneDrive
- Working with virtual hard disks

### **Managing files and resources**

- Overview of file systems
- Configuring and managing file access
- Managing shared folders
- Work Folders
- Managing printers

### **Deploying and managing apps**

- Overview of apps in Windows 10
- The Microsoft Store and Microsoft Store for Business
- Automating app deployment
- Configuring web browsers

### **Securing Windows 10**

- Managing user accounts
- Configuring UAC

- Implementing and managing BitLocker

### **Implementing remote connectivity**

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

### **Maintaining Windows 10**

- Updating Windows 10
- Monitoring Windows 10

### **Recovering Windows 10**

- Recovering files
- Performing system recovery