

Exam 70-698



Installing and Configuring Windows 10

Implement Windows (30–35%)

- Prepare for installation requirements
 - Determine hardware requirements and compatibility; choose between an upgrade and a clean installation; determine appropriate editions according to device type; determine requirements for particular features such as Hyper-V, Cortana, Miracast, Virtual Smart Cards, and Secure Boot; determine and create appropriate installation media; configure upgrade readiness
- Install Windows
 - Perform clean installations; upgrade using installation media; configure native boot scenarios; identify valid upgrade paths; migrate from previous versions of Windows; install to virtual hard disk (VHD); boot from VHD; install on bootable USB; install additional Windows features; configure Windows for additional regional and language support
- Configure devices and device drivers
 - Install, update, disable, and roll back drivers; resolve driver issues; configure driver settings including signed and unsigned drivers; manage driver packages; download and import driver packages; use the Deployment Image Servicing and Management (DISM) tool to add packages
- Perform post-installation configuration
 - Configure and customize start menu, desktop, taskbar, and notification settings according to device type; configure accessibility options; configure Cortana; configure Microsoft Edge; configure Internet Explorer; configure client Hyper-V; configure power settings
- Implement Windows in an enterprise environment
 - Provision with the Windows Configuration Designer tool; implement Active Directory–based activation; implement volume activation using a Key Management Service (KMS); query and configure activation states using the command line; configure Active Directory including Group Policies; configure and optimize user account control (UAC)

Configure and Support Core Services (30–35%)

- Configure networking
 - Configure and support IPv4 and IPv6 network settings; configure name resolution; connect to a network; configure network locations; configure Windows Firewall; configure Windows Firewall with Advanced Security; configure network discovery; configure Wi-Fi settings; configure Wi-Fi Direct; troubleshoot network issues; configure VPN such as app-triggered VPN, traffic filters, and lockdown VPN; configure IPsec; configure Direct Access
- Configure storage
 - Configure disks, volumes and file system options using Disk Management, and Windows PowerShell; create and configure VHDs; configure removable devices; create and configure storage spaces; troubleshoot storage and removable devices issue
- Configure data access and usage
 - Configure file and printer sharing and HomeGroup connections; configure folder shares, public folders, and OneDrive; configure file system permissions; configure OneDrive usage including Files On Demand; troubleshoot data access and usage
- Implement Apps
 - Configure desktop apps; configure startup options; configure Windows features; configure Windows Store; implement Windows Store apps; implement Windows Store for Business; implement Windows Store for Education; provision packages; create packages; use deployment tools; use the Windows Assessment and Deployment Kit (ADK)
- Configure remote management
 - Choose the appropriate remote management tools; configure remote management settings; modify settings remotely by using the Microsoft Management Console (MMC) or Windows PowerShell; configure Remote Assistance including Easy Connect; configure Remote Desktop; configure remote PowerShell

Manage and Maintain Windows (30–35%)

- Configure updates
 - Configure Windows Update options; implement Insider Preview, Current Branch (CB), Current Branch for Business (CBB), and Long Term Servicing Branch (LTSB) scenarios; manage update history; roll back updates; update Windows Store apps

- Monitor Windows
 - Configure and analyze Event Viewer logs; configure event subscriptions; monitor performance using Task Manager; monitor performance using Resource Monitor; monitor performance using Performance Monitor and Data Collector Sets; monitor system resources; monitor and manage printers; configure indexing options; manage client security by using Windows Defender; evaluate system stability using Reliability Monitor; troubleshoot performance issues; manage security using the Windows Defender Security Center; configure Windows Defender Advanced Threat Detection
- Configure system and data recovery
 - Configure a recovery drive; configure a system restore; perform a refresh or recycle; perform a driver rollback; configure restore points; resolve hardware and device issues; interpret data from Device Manager; restore previous versions of files and folders; configure File History; recover files from OneDrive; use Windows Backup and Restore; perform a backup and restore with WBAAdmin; perform recovery operations using Windows Recovery
- Configure authorization and authentication
 - Configure Microsoft Passport; configure picture passwords and biometrics; configure workgroups; configure domain settings; configure Azure AD Domain join; configure Homegroup settings; configure Credential Manager; configure local accounts; configure Microsoft accounts; configure Device Registration; configure Windows Hello for Business; configure Device Guard; configure Credential Guard; configure Device Health Attestation; configure UAC behavior; configure Dynamic Lock
- Configure advanced management tools
 - Configure services; configure Device Manager; configure and use the MMC; configure Task Scheduler; configure automation of management tasks using Windows PowerShell; convert Group Policy objects to MDM policies using the MDM Migration Analysis tool