70-698: Installing and Configuring Windows 10

Audience Profile

Candidates for this exam are IT professionals who perform installation, configuration, general local management and maintenance of Windows 10 core services. Candidates may also be exposed to some enterprise scenarios or cloud-integrated services.

Objective Domain

Note: This document shows tracked changes that are effective as of November 30, 2017.

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 Uupgrade Rreadiness

Install Windows

Perform clean installations; upgrade using Windows Update; 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 ~~Imaging and~~ Configuration Designer ~~(ICD)~~ 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 issues

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 WBAdmin; 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~~behaviour; 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