Exam

70-698

[Implement Windows (30–35%)](https://www.microsoft.com/en-gb/learning/exam-70-698.aspx#syllabus-1)

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

Install Windows

* Perform clean installations;
* upgrade using Windows Update;
* upgrade using installation media;
* configure native boot scenarios;
* 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 customise start menu, desktop, taskbar and notification settings, according to device type;
* configure accessibility options;
* configure Cortana;
* configure Microsoft Edge;
* configure Internet Explorer;
* configure 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 optimise user account control (UAC)

[Configure and support core services (30–35%)](https://www.microsoft.com/en-gb/learning/exam-70-698.aspx#syllabus-2)

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;
* troubleshoot data access and usage

Implement apps

* Configure desktop apps;
* configure startup options;
* configure Windows features;
* configure Windows Store;
* implement Windows Store apps; i
* implement Windows Store for Business;
* 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%)](https://www.microsoft.com/en-gb/learning/exam-70-698.aspx#syllabus-3)

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 analyse 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

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 authorisation and authentication

* Configure Microsoft Passport;
* configure picture passwords and biometrics;
* configure workgroups;
* configure domain settings;
* configure HomeGroup settings;
* configure Credential Manager;
* configure local accounts;
* configure Microsoft accounts;
* configure Device Registration;
* configure Windows Hello;
* configure Device Guard;
* configure Credential Guard;
* configure Device Health Attestation;
* configure UAC behaviour

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