**Client OS Comparison**

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| --- | --- | --- | --- | --- |
|  | Task Description | Windows (Commercial) | Linux Variant (Free & Commercial OS) | Mac OS (Commercial) |
| 1 | OS Availability | Commercial Only | FREE & Commercial | Commercial Only |
| 2 | Base OS type | Windows Platform | Linux Platform | Unix Platform (Unix Foundation Layer) |
| 3 | Enterprise Grading | Enterprise Ready | Home & SOHO | Home & SOHO |
| 4 | Driver Package | All support for all Intel & AMD based laptops. Runs on all types of IBM Clones | System Hardware Dependent, not being able to run on every PC. | Only Runs on it’s Hardware, except in VM |
| 5 | Software Packaged | Platform Support | Service Absent | Service Absent |
| 6 | Software Patching | Platform Support | Community Platform Support, No RoadMap or Timed Delivery | Platform Support |
| 7 | Software Signing | Digitally Signed | Generic  | Digitally Signed |
| 8 | Streaming Server | Platform Support | Service Absent | Platform Support |
| 9 | Web Application Firewall Server | Platform Integrated | Service Absent | Service Absent |
| 10 | Application Security | Platform Integrated | Service Absent | Service Absent |
| 11 | ITIL Compliant | Compliant | Service Absent | Service Absent |
| 12 | DLP Complaint | Platform Integrated | Service Absent | Service Absent |
| 13 | Domain Handler | Platform Support | Very Limited Platform Support per Variant, Some Cannot be Added to a Domain | Limited Support |
| 14 | Software Built for OS – App. Support | 89% of all Registered software’s are made for Windows | 1% for Linux Variants, does not even runs on all Linux variants | 10% for Mac |
| 15 | DevOps Support | Platform Integrated | Service Absent, Community Based per Application Support, Uncontrolled | Service Absent |
| 16 | HW Built for OS | Desktop, Laptop, Tab, Mobile, Tab, ATM, POS | Desktop & Laptop Only | Desktop, Laptop, Mobile, Tab Only |
| 17 | Domain Based Printing Support | Platform Integrated | Generic Drivers for all, Reduces Operating Efficiency and Security | Platform Integrated |
| 18 | Predictive AI Engine (User Experience Cache)  | Platform Integrated | Service Absent | Service Absent |
| 19 | Rights Management | Platform Support | Self Only/Per User, not Enterprise Ready | Self Only/Per User, not Enterprise Ready |
| 20 | Privileged Account Management | Platform Support | Service Absent | Service Absent |
| 21 | Identity Governance & Administration | Platform Integrated | Service Absent | Service Absent |
| 22 | IT Operations Management | Platform Integrated | Service Absent | Service Absent |
| 23 | Unified Communication | Platform Integrated | Service Absent | Service Absent, except for Microsoft Skype for Business for Mac. All services are deployed by MS during SFB installation |
| 24 | Cloud Readiness, Public & Private | Platform Integrated | Service Absent | Service Absent |
| 25 | Secure Configuration Management | Platform Integrated | Service Absent | Service Absent |
| 26 | Disrupt Data Breach Services | Platform Integrated | Service Absent | Service Absent |
| 27 | Enterprise Cryptography Services | Platform Integrated | Service Absent | Service Absent |
| 28 | Office Productivity | Platform Integrated | AUIS, Siag, Interleaf, Aster\*x, Zoho, LibreOfficeApache OpenOffice, WPS Office, YoZo, SoftMaker, Polaris, G Suite, Ability Office, Breadbox, Easy Office, Framework, Gobe Productive Etc. | NeoOffice, iWork, MarinerPak, Microsoft Office |
| 29 | Online Productivity Tools: through free account | Outlook, Word, Excel, PowerPoint, OneNote, OneDrive | Service Absent | Service Absent |
| 30 | Desktop Experience | Platform Integrated | Service Absent | Platform Integrated, not device Independent. Only some certified HW can access this service like TouchPad/DrawPad |
| 31 | Desktop Optimization | Platform Integrated | Service Absent | Cannot be controlled by Policy |
| 32 | Smart Card Authentication/2FA/MFA | Platform Integrated | Service Absent | Service Absent |
| 33 | FingerPrint Enrollment (Biometric) | Platform Integrated | Service Absent | Service Absent for PC’s, Present in Mobile devices Like Smart Phone & Tab |
| 34 | PIN Login/Enrollment | Platform Integrated | Service Absent | Service Absent |
| 35 | Personal Voice Assistant | Cortana | Service Absent | Siri |
| 36 | Professional Video Rendering Engine | Platform Integrated | Service Absent | Platform Integrated |
| 37 | VR Engine | Platform Support | Service Absent | Platform Integrated |
| 38 | Hardware Upgrade | PnP Platform Support | Somewhat Existent | Somewhat Existent |
| 39 | Peripheral Upgrade | Platform Support | Simulates Generic Driver Sets, which degrades device performance | Service Absent |
| 40 | Video Editing | Platform Support by Vendor Direct | Very Primitive & Basic Architecture Support, cannot integrate to Video Stations | Platform Support, only built for this OS |
| 41 | Audio Editing | Platform Support by Vendor Direct | Very Primitive & Basic Architecture Support, cannot integrate to Audio Stations | Platform Support, only built for this OS |
| 42 | AV Hardware Acceleration | Platform Integrated | Service Absent | Platform Integrated |
| 43 | Data Center Bridging (DCB) | Platform Integrated | Service Absent | Service Absent |
| 44 | IP Address Management | Platform Integrated | Service Absent | Service Absent |
| 45 | Virtual Receive Side Scaling (vRSS) | Platform Integrated | Unknown | Unknown |
| 46 | Policy Implementation | Platform Integrated | Service Absent | Service Absent |
| 47 | Encrypted Communication | Platform Integrated | Platform Independent, cannot integrate to any central controller | Service Absent |
| 48 | Disk Encryption | Platform Support with TPM | Service Absent | Service Absent |
| 49 | Reference Imaging | Platform Support (HAL) | Service Absent – Kernel Panics | Service Absent |
| 50 | Enterprise Architecture Framework Support | Platform Support | Service Absent | Service Absent |
| 51 | Integration to Portal Services (Company Portal/Apps) | Platform Integrated | Service Absent | Somewhat Existent  |
| 52 | Collaboration Engine | Platform Support | Web Only | Web Only |
| 53 | User Productivity | WorldWide acceptance  | Very Limited, only preferred by some group of technical, not generic users | Very Limited, only preferred by a group of generic users & some AV professionals |
| 54 | Sync Across Devices | Platform Support | Service Absent | Platform Support for own devices, not manageable by policy |
| 55 | APT Threat Handler | Platform Support | Service Absent | Service Absent  |
| 56 | Integrated Anti Viral System | Platform Integrated | Service Absent | Service Absent |
| 57 | Connectors for Major Online Services like SAP/AWS/Azure | Platform Support | Service Absent by Manufacturer. Support Provided by individual company/contributor | Service Absent by Manufacturer. Support Provided by individual company/contributor |
| 58 | Administration Cost Enterprise-Wide | Centralized & Minimum | Multiple Levels of Scripters and Admins Required | Service Absent |
| 59 | Scalability and Performance | Enterprise Grade | SOHO User Grade | SOHO User Grade |
| 60 | Enhanced Distributed Services with Active Directory standards-based security, and centralized management tools. | Platform Integrated | Service Absent | Service Absent |
| 61 | Enhanced reliability and availability via Dfs, Enhanced Clustering Services, and reduction in reboots. | Platform Integrated | Service Absent | Service Absent |
| 62 | Enhanced scalability via symmetric multiprocessing (SMP), network load balancing, and Extended Memory Architecture. | Platform Integrated | Service Absent | Extended Memory Architecture exists |
| 63 | Security Information & Event Management | Platform Integrated | Service Absent | Service Absent |
| 64 | OS Integrated Experience (e.g. Hotmail, Yahoo, Gmail) | Platform Integrated | Service Absent | Service Absent |
| 65 | Login using Face Recognition | Platform Integrated | Service Absent | Service Absent |
| 66 | Presence, IM, Chat | Platform Integrated | Service Absent | Platform Integrated |
| 67 | Asset Management | Platform Integrated | Service Absent | Service Absent |
| 68 | Disaster Recovery (HAL) | Platform Integrated | Service Absent | Service Absent |
| 69 | Automatic Backup to Multiple Locations, including LAN/WAN/Cloud | Platform Integrated | Service Absent | Platform Integrated  |
| 70 | Native PDF Support | Platform Integrated | Service Absent | Platform Integrated  |
| 71 | IPMI 2.0 Compliancy | Platform Integrated | Service Absent | Service Absent |
| 72 | Active Virtualization Support for Vt-d and Vt-x for Direct I/O | Platform Integrated | Somewhat Supported | Somewhat Supported |
| 73 | CPU XD, OS Support | Platform Integrated | Service Absent | Service Absent |
| 74 | Intel SpeedStep OS Support | Platform Integrated | Service Absent | Service Absent  |
|  | HTTP Server Support | Platform Integrated | Manual Development | Service Absent |
| 75 | Social Integration of Mail, Contacts, Calendar for User Experience | Platform Integrated | Service Absent | Service Absent  |
| 76 | Send and receive text messages (SMS) | OS, Through Mail Client Integrated | Service Absent | Service Absent |
| 77 | Push Service for Email, SMS | Platform Integrated | Service Absent | Service Absent  |
| 78 | Volume Shadow Copy | Platform Integrated | Service Absent | Service Absent  |
| 79 | OS Firewall | Platform Integrated | Service Absent | Service Absent  |
| 80 | Block Level Backup Engine Service | Platform Integrated | Service Absent | Service Absent  |
| 81 | IT Service Management | Platform Integrated | Service Absent | Service Absent |
| 82 | Manufacturer Support | Full Support, nothing is free | No Support, community based, except for some commercial components | Full Support, nothing is free |
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**Recommendation for Enterprise:** Windows 10 Professional or Enterprise

**List of ALL Windows workstation services from Vista through Windows 10 R1607**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Service Display Name | Service Name (Registry) | 10 R1507 | 10 R1511 | 10 R1607 |
| ActiveX Installer (AxInstSV) | AxInstSV |  |  |  |
| Adaptive Brightness | SensrSvc |  |  |  |
| AllJoyn Router Service | AJRouter |  |  |  |
| App Readiness | AppReadiness |  |  |  |
| Application Experience | AeLookupSvc |  |  |  |
| Application Host Helper Service | AppHostSvc |  |  |  |
| Application Identity | AppIDSvc |  |  |  |
| Application Information | Appinfo |  |  |  |
| Application Layer Gateway Service | ALG |  |  |  |
| Application Management | AppMgmt |  |  |  |
| AppX Deployment Service (AppXSVC) | AppXSVC |  |  |  |
| ASP.NET State Service | aspnet\_state |  |  |  |
| Auto Time Zone Updater | tzautoupdate |  |  |  |
| Background Intelligent Transfer Service | BITS |  |  |  |
| Background Tasks Infrastructure Service | BrokerInfrastructure |  |  |  |
| Base Filtering Engine | BFE |  |  |  |
| BitLocker Drive Encryption Service | BDESVC |  |  |  |
| Block Level Backup Engine Service | wbengine |  |  |  |
| Bluetooth Handsfree Service | BthHFSrv |  |  |  |
| Bluetooth Support Service | bthserv |  |  |  |
| BranchCache | PeerDistSvc |  |  |  |
| CDPSvc | CDPSvc |  |  |  |
| CDPUserSvc | CDPUserSvc |  |  |  |
| Certificate Propagation | CertPropSvc |  |  |  |
| Claims to Windows Token Service | c2wts |  |  |  |
| Client for NFS | NfsClnt |  |  |  |
| Client License Service (ClipSVC) | ClipSVC |  |  |  |
| CNG Key Isolation | KeyIso |  |  |  |
| COM+ Event System | EventSystem |  |  |  |
| COM+ System Application | COMSysApp |  |  |  |
| Computer Browser | Browser |  |  |  |
| Connected Devices Platform Service | CDPSvc |  |  |  |
| Connected User Experiences and Telemetry | DiagTrack |  |  |  |
| Contact Data | PimIndexMaintenanceSvc |  |  |  |
| CoreMessaging | CoreUIRegistrar |  |  |  |
| Credential Manager | VaultSvc |  |  |  |
| Cryptographic Services | CryptSvc |  |  |  |
| Data Sharing Service | DsSvc |  |  |  |
| DataCollectionPublishingService | DcpSvc |  |  |  |
| DCOM Server Process Launcher | DcomLaunch |  |  |  |
| Delivery Optimization | DoSvc |  |  |  |
| Desktop Window Manager Session Manager | UxSms |  |  |  |
| Device Association Service | DeviceAssociationService |  |  |  |
| Device Install Service | DeviceInstall |  |  |  |
| Device Management Enrollment Service | DmEnrollmentSvc |  |  |  |
| Device Setup Manager | DsmSVC |  |  |  |
| DevQuery Background Discovery Broker | DevQueryBroker |  |  |  |
| DFS Replication | DFSR |  |  |  |
| DHCP Client | Dhcp |  |  |  |
| Diagnostic Policy Service | DPS |  |  |  |
| Diagnostic Service Host | WdiServiceHost |  |  |  |
| Diagnostic System Host | WdiSystemHost |  |  |  |
| Diagnostics Tracking Service | DiagTrack |  |  |  |
| Disk Defragmenter | defragsvc |  |  |  |
| Distributed Link Tracking Client | TrkWks |  |  |  |
| Distributed Transaction Coordinator | MSDTC |  |  |  |
| dmwappushsvc (WAP Push Message Routing Service) | dmwappushsvc |  |  |  |
| DNS Client | Dnscache |  |  |  |
| Downloaded Maps Manager | MapsBroker |  |  |  |
| DS Role Server | DsRoleSvc |  |  |  |
| embeddedmode | embeddedmode |  |  |  |
| Embedded Mode | embeddedmode |  |  |  |
| Encrypting File System (EFS) | EFS |  |  |  |
| Enterprise App Management Service | EntAppSvc |  |  |  |
| Extensible Authentication Protocol | EapHost |  |  |  |
| Family Safety | WPCSvc |  |  |  |
| Fax | Fax |  |  |  |
| File History Service | fhsvc |  |  |  |
| FTP Publishing Service | MSFTPSVC |  |  |  |
| Function Discovery Provider Host | fdPHost |  |  |  |
| Function Discovery Resource Publication | FDResPub |  |  |  |
| Geolocation Service | fsvc |  |  |  |
| Group Policy Client | gpsvc |  |  |  |
| Health Key and Certificate Management | hkmsvc |  |  |  |
| HomeGroup Listener | HomeGroupListener |  |  |  |
| HomeGroup Provider | HomeGroupProvider |  |  |  |
| Host Network Service | hns |  |  |  |
| Human Interface Device Access | hidserv |  |  |  |
| Human Interface Device Service | hidserv |  |  |  |
| HV Host Service | HvHost |  |  |  |
| Hyper-V Data Exchange Service | vmickvpexchange |  |  |  |
| Hyper-V Guest Service Interface | vmicguestinterface |  |  |  |
| Hyper-V Guest Shutdown Service | vmicshutdown |  |  |  |
| Hyper-V Heartbeat Service | vmicheartbeat |  |  |  |
| Hyper-V Host Compute Service | vmcompute |  |  |  |
| Hyper-V PowerShell Direct Service | vmicvmsession |  |  |  |
| Hyper-V Remote Desktop Virtualization Service | vmicrdv |  |  |  |
| Hyper-V Time Synchronization Service | vmictimesync |  |  |  |
| Hyper-V Virtual Machine Management | vmms |  |  |  |
| Hyper-V VM Session Service | vmicvmsession |  |  |  |
| Hyper-V Volume Shadow Copy Requestor | vmicvss |  |  |  |
| IIS Admin Service | IISADMIN |  |  |  |
| IKE and AuthIP IPsec Keying Modules | IKEEXT |  |  |  |
| Indexing Service | CISVC |  |  |  |
| Infrared monitor service | irmon |  |  |  |
| Interactive Services Detection | UI0Detect |  |  |  |
| Internet Connection Sharing (ICS) | SharedAccess |  |  |  |
| Internet Explorer ETW Collector Service | IEEtwCollectorService |  |  |  |
| IP Helper | iphlpsvc |  |  |  |
| IPsec Policy Agent | PolicyAgent |  |  |  |
| KtmRm for Distributed Transaction Coordinator | KtmRm |  |  |  |
| Link-Layer Topology Discovery Mapper | lltdsvc |  |  |  |
| Local Session Manager | LSM |  |  |  |
| LPD Service | LPDSVC |  |  |  |
| LxssManager (Linux SubSystem Manager) | LxssManager |  |  |  |
| Media Center Extender Service | Mcx2Svc |  |  |  |
| Message Queuing | MSMQ |  |  |  |
| Message Queuing Triggers | MSMQTriggers |  |  |  |
| MessagingService | MessagingService |  |  |  |
| Microsoft .NET Framework NGEN v2.0.50727 | clr\_optimization\_v2.0.50727 |  |  |  |
| Microsoft (R) Diagnostics Hub Standard Collector Service | diagnosticshub.standardcollector.service |  |  |  |
| Microsoft Account Sign-in Assistant | wlidsvc |  |  |  |
| Microsoft App-V Client | AppVClient |  |  |  |
| Microsoft FTP Service | ftpsvc |  |  |  |
| Microsoft iSCSI Initiator Service | MSiSCSI |  |  |  |
| Microsoft Keyboard Filter | MsKeyboardFilter |  |  |  |
| Microsoft Passport | NgcSvc |  |  |  |
| Microsoft Passport Container | NgcCtnrSvc |  |  |  |
| Microsoft Software Shadow Copy Provider | swprv |  |  |  |
| Microsoft Storage Spaces SMP | smphost |  |  |  |
| Microsoft Windows SMS Router Service. | SmsRouter |  |  |  |
| Multimedia Class Scheduler | MMCSS |  |  |  |
| MultiPoint Repair Service | WmsRepair |  |  |  |
| MultiPoint Service | Wms |  |  |  |
| Net.Msmq Listener Adapter | NetMsmqActivator |  |  |  |
| Net.Pipe Listener Adapter | NetPipeActivator |  |  |  |
| Net.Tcp Listener Adapter | NetTcpActivator |  |  |  |
| Net.Tcp Port Sharing Service | NetTcpPortSharing |  |  |  |
| Netlogon | Netlogon |  |  |  |
| Network Access Protection Agent | napagent |  |  |  |
| Network Connected Devices Auto-Setup | NcdAutoSetup |  |  |  |
| Network Connection Broker | NcbService |  |  |  |
| Network Connections | Netman |  |  |  |
| Network Connectivity Assistant | NcaSVC |  |  |  |
| Network List Service | netprofm |  |  |  |
| Network Location Awareness | NlaSvc |  |  |  |
| Network Setup Service | NetSetupSvc |  |  |  |
| Network Store Interface Service | nsi |  |  |  |
| Offline Files | CscService |  |  |  |
| Optimize Drives | defragsvc |  |  |  |
| Parental Controls | WPCSvc |  |  |  |
| Peer Name Resolution Protocol | PNRPsvc |  |  |  |
| Peer Networking Grouping | p2psvc |  |  |  |
| Peer Networking Identity Manager | p2pimsvc |  |  |  |
| Performance Counter DLL Host | PerfHost |  |  |  |
| Performance Logs & Alerts | pla |  |  |  |
| Phone Service | PhoneSvc |  |  |  |
| Plug and Play | PlugPlay |  |  |  |
| PnP-X IP Bus Enumerator | IPBusEnum |  |  |  |
| PNRP Machine Name Publication Service | PNRPAutoReg |  |  |  |
| Portable Device Enumerator Service | WPDBusEnum |  |  |  |
| Power | Power |  |  |  |
| Print Spooler | Spooler |  |  |  |
| Printer Extensions and Notifications | PrintNotify |  |  |  |
| Problem Reports and Solutions Control Panel Support | wercplsupport |  |  |  |
| Program Compatibility Assistant Service | PcaSvc |  |  |  |
| Protected Storage | ProtectedStorage |  |  |  |
| Quality Windows Audio Video Experience | QWAVE |  |  |  |
| Radio Management Service | RmSvc |  |  |  |
| ReadyBoost | EMDMgmt |  |  |  |
| Remote Access Auto Connection Manager | RasAuto |  |  |  |
| Remote Access Connection Manager | RasMan |  |  |  |
| Remote Desktop Configuration | SessionEnv |  |  |  |
| Remote Desktop Services | TermService |  |  |  |
| Remote Desktop Services UserMode Port Redirector | UmRdpService |  |  |  |
| Remote Procedure Call (RPC) | RpcSs |  |  |  |
| Remote Procedure Call (RPC) Locator | RpcLocator |  |  |  |
| Remote Registry | RemoteRegistry |  |  |  |
| Retail Demo Service | RetailDemo |  |  |  |
| Removable Storage | NtmsSvc |  |  |  |
| RIP Listener | iprip |  |  |  |
| Routing and Remote Access | RemoteAccess |  |  |  |
| RPC Endpoint Mapper | RpcEptMapper |  |  |  |
| Secondary Logon | seclogon |  |  |  |
| Secure Socket Tunneling Protocol Service | SstpSvc |  |  |  |
| Security Accounts Manager | SamSs |  |  |  |
| Security Center | wscsvc |  |  |  |
| Sensor Data Service | SensorDataService |  |  |  |
| Sensor Monitoring Service | SensrSvc |  |  |  |
| Sensor Service | SensorService |  |  |  |
| Server | LanmanServer |  |  |  |
| Shared PC Account Manager | shpamsvc |  |  |  |
| Shell Hardware Detection | ShellHWDetection |  |  |  |
| Simple TCP/IP Services | simptcp |  |  |  |
| SL UI Notification Service | SLUINotify |  |  |  |
| Smart Card | SCardSvr |  |  |  |
| Smart Card Device Enumeration Service | ScDeviceEnum |  |  |  |
| Smart Card Removal Policy | SCPolicySvc |  |  |  |
| SNMP Service | SNMP |  |  |  |
| SNMP Trap | SNMPTRAP |  |  |  |
| Software Licensing | slsvc |  |  |  |
| Software Protection | sppsvc |  |  |  |
| Spot Verifier | svsvc |  |  |  |
| SPP Notification Service | sppuinotify |  |  |  |
| SSDP Discovery | SSDPSRV |  |  |  |
| State Repository Service | StateRepository |  |  |  |
| Still Image Acquisition Events | WiaRpc |  |  |  |
| Storage Service | StorSvc |  |  |  |
| Storage Tiers Management | TieringEngineService |  |  |  |
| Superfetch | SysMain |  |  |  |
| Sync Host | OneSyncSvc |  |  |  |
| System Event Notification Service | SENS |  |  |  |
| System Events Broker | SystemEventsBroker |  |  |  |
| Tablet PC Input Service | TabletInputService |  |  |  |
| Task Scheduler | Schedule |  |  |  |
| TCP/IP NetBIOS Helper | lmhosts |  |  |  |
| TCP/IP Print Server | LPDSVC |  |  |  |
| Telephony | TapiSrv |  |  |  |
| Telnet | TlntSvr |  |  |  |
| Terminal Services | TermService |  |  |  |
| Terminal Services Configuration | SessionEnv |  |  |  |
| Terminal Services UserMode Port Redirector | UmRdpService |  |  |  |
| Themes | Themes |  |  |  |
| Thread Ordering Server | THREADORDER |  |  |  |
| Tile Data model server | tiledatamodelsvc |  |  |  |
| Time Broker | TimeBroker |  |  |  |
| Touch Keyboard and Handwriting Panel Service | TabletInputService |  |  |  |
| TPM Base Services | TBS |  |  |  |
| Unified Write Filter Servicing Helper Service | UwfServicingSvc |  |  |  |
| Update Orchestrator Service | UsoSvc |  |  |  |
| Update Orchestrator Service for Windows Update | UsoSvc |  |  |  |
| UPnP Device Host | upnphost |  |  |  |
| User Data Access | UserDataSvc |  |  |  |
| User Data Storage | UnistoreSvc |  |  |  |
| User Experience Virtualization Service | UevAgentService |  |  |  |
| User Manager | UserManager |  |  |  |
| User Profile Service | ProfSvc |  |  |  |
| Virtual Disk | vds |  |  |  |
| Volume Shadow Copy | VSS |  |  |  |
| W3C Logging Service | W3LOGSVC |  |  |  |
| WalletService | WalletService |  |  |  |
| Web Management Service | WMSVC |  |  |  |
| WebClient | WebClient |  |  |  |
| Windows All User Install Agent | AllUserInstallAgent |  |  |  |
| Windows Audio | AudioSrv |  |  |  |
| Windows Audio Endpoint Builder | AudioEndpointBuilder |  |  |  |
| Windows Backup | SDRSVC |  |  |  |
| Windows Biometric Service | WbioSrvc |  |  |  |
| Windows Camera Frame Server | FrameServer |  |  |  |
| Windows CardSpace | idsvc |  |  |  |
| Windows Color System | WcsPlugInService |  |  |  |
| Windows Connect Now - Config Registrar | wcncsvc |  |  |  |
| Windows Connection Manager | Wcmsvc |  |  |  |
| Windows Defender Advanced Threat Protection Service | Sense |  |  |  |
| Windows Defender Network Inspection Service | WdNisSvc |  |  |  |
| Windows Defender Service | WinDefend |  |  |  |
| Windows Driver Foundation - User-mode Driver Framework | wudfsvc |  |  |  |
| Windows Encryption Provider Host Service | WEPHOSTSVC |  |  |  |
| Windows Error Reporting Service | WerSvc |  |  |  |
| Windows Event Collector | Wecsvc |  |  |  |
| Windows Event Log | EventLog |  |  |  |
| Windows Firewall | MpsSvc |  |  |  |
| Windows Font Cache Service | FontCache |  |  |  |
| Windows Image Acquisition (WIA) | StiSvc |  |  |  |
| Windows Insider Service | wisvc |  |  |  |
| Windows Installer | msiserver |  |  |  |
| Windows License Manager Service | LicenseManager |  |  |  |
| Windows Location Framework Service | lfsvc |  |  |  |
| Windows Management Instrumentation | Winmgmt |  |  |  |
| Windows Media Center Extender Service | Mcx2Svc |  |  |  |
| Windows Media Center Receiver Service | ehRecvr |  |  |  |
| Windows Media Center Scheduler Service | ehSched |  |  |  |
| Windows Media Center Service Launcher | ehstart |  |  |  |
| Windows Media Player Network Sharing Service | WMPNetworkSvc |  |  |  |
| Windows Mobile Hotspot Service | icssvc |  |  |  |
| Windows Modules Installer | TrustedInstaller |  |  |  |
| Windows MultiPoint Server Host Service | Wms |  |  |  |
| Windows MultiPoint Server Repair Service | WmsRepair |  |  |  |
| Windows Presentation Foundation Font Cache 3.0.0.0 | FontCache3.0.0.0 |  |  |  |
| Windows Process Activation Service | WAS |  |  |  |
| Windows Push Notifications Service | WpnService |  |  |  |
| Windows Push Notifications System Service | WpnService |  |  |  |
| Windows Push Notifications User Service | WpnUserService |  |  |  |
| Windows Remote Management (WS-Management) | WinRM |  |  |  |
| Windows Search | WSearch |  |  |  |
| Windows Store Service (WSService) | WSService |  |  |  |
| Windows Time | W32Time |  |  |  |
| Windows Update | wuauserv |  |  |  |
| WinHTTP Web Proxy Auto-Discovery Service | WinHttpAutoProxySvc |  |  |  |
| Wired AutoConfig | dot3svc |  |  |  |
| WLAN AutoConfig | WlanSvc |  |  |  |
| WMI Performance Adapter | wmiApSrv |  |  |  |
| Work Folders | workfolderssvc |  |  |  |
| Workstation | LanmanWorkstation |  |  |  |
| World Wide Web Publishing Service | W3SVC |  |  |  |
| WWAN AutoConfig | WwanSvc |  |  |  |
| Xbox Live Auth Manager | XblAuthManager |  |  |  |
| Xbox Live Game Save | XblGameSave |  |  |  |
| Xbox Live Networking Service | XboxNetApiSvc |  |  |  |