

List of Microsoft Windows Server 2008 Protocols Covered by United States Patent(s) and/or Patent Application(s)

This information is current as of November 6, 2009 but subject to change based on changes in Microsoft's patent portfolio and the protocol documentation.

Protocol Name	Technical Documentation Title	Patent(s)	Patent Application(s)
1. 802.11: Proximity Service Discovery Information Element (PSD-IE) Extension	[MS-PSDP]: Proximity Service Discovery Protocol Specification	✓	✓
2. Active Directory Technical Specification	[MS-ADA1]: Active Directory Schema Attributes A-L [MS-ADA2]: Active Directory Schema Attributes M [MS-ADA3]: Active Directory Schema Attributes N-Z [MS-ADLS]: Active Directory Lightweight Directory Services Schema [MS-ADTS]: Active Directory Technical Specification [MS-ADSC]: Active Directory Schema Classes	✓	
3. Authenticated Internet Protocol	[MS-AIPS]: Authenticated Internet Protocol Specification	✓	✓
4. Authentication Protocol Domain Support	[MS-APDS]: Authentication Protocol Domain Support Specification	✓	
5. Auxiliary Display Protocol	[MS-AXDS]: Auxiliary Display Protocol Specification		✓
6. BackupKey Remote Protocol	[MS-BKRP]: BackupKey Remote Protocol Specification	✓	
7. Common Internet File System (CIFS) Protocol	[MS-CIFS]: Common Internet File System (CIFS) Protocol Specification [MS-FSCC]: File System Control Codes	✓	
8. Component Object Model Plus (COM+) Event System Protocol	[MS-COMEV]: Component Object Model Plus (COM+) Event System Protocol Specification	✓	
9. Component Object Model Plus (COM+) Remote Protocol	[MS-COM]: Component Object Model Plus (COM+) Protocol Specification	✓	
10. Corporate Error Reporting Version 2.0 Protocol Specification	[MS-CER2]: Corporate Error Reporting Version 2.0 Protocol Specification	✓	

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11. Credential Security Support Provider (CredSSP) Protocol	[MS-CSSP]: Credential Security Support Provider (CredSSP) Protocol Specification		✓
12. DCOM Interfaces for Remote Data Services	[MS-ADTG]: Remote Data Services (RDS) Transport Protocol Specification	✓	
13. Directory Replication Service Remote Protocol (drsuapi)	[MS-DRSR]: Directory Replication Service (DRS) Remote Protocol Specification	✓	✓
14. Directory Replication Service Remote Protocol (drsuapi)	[MS-DRDM]: Directory Replication and Data Management (DRDM) Remote Protocol Specification	Under Review until December 18, 2009	
15. Directory Services Markup Language (DSML) 2.0 Protocol Extensions	[MS-DSML]: Directory Services Markup Language (DSML) 2.0 Protocol Extensions		✓
16. DirectPlay 4 Protocol	[MS-DPDX]: DirectPlay DXDiag Usage Protocol Specification	✓	
17. DirectPlay 8 Protocol	[MS-DPDX]: DirectPlay DXDiag Usage Protocol Specification	✓	
18. Distributed Component Object Model (DCOM) Remote Protocol	[MS-DCOM]: Distributed Component Object Model (DCOM) Remote Protocol Specification	✓	
19. Distributed File System (DFS): Namespace Management Protocol	[MS-DFSNM]: Distributed File System (DFS): Namespace Management Protocol Specification	✓	
20. Distributed File System (DFS): Namespace Referral Protocol	[MS-DFSC]: Distributed File System (DFS): Referral Protocol Specification	✓	
21. Distributed Link Tracking: Workstation Protocol	[MS-DLTW]: Distributed Link Tracking: Workstation Protocol Specification	✓	
22. Dynamic Host Configuration Protocol (DHCP) Extensions for Network Access Protection (NAP)	[MS-DHCPN]: Dynamic Host Configuration Protocol (DHCP) Extensions for Network Access Protection (NAP)		✓

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23. Encrypting File System Remote Protocol	[MS-EFSR]: Encrypting File System Remote (EFSRPC) Protocol Specification	✓	
24. Enhanced Metafile (EMF) Spool Format	[MS-EMFSPOOL]: Enhanced Metafile Spool Format Specification	✓	
25. EventLog Remoting Protocol Version 6.0	[MS-EVEN6]: Eventlog Remote Protocol Version 6.0 Specification	✓	
26. Failover Cluster: Cluster Management Remote Protocol (ClusAPI)	[MS-CMRP]: Failover Cluster: Management API (ClusAPI) Protocol Specification	✓	
27. FAX Server and Client Remote Protocol	[MS-FAX]: Fax Server and Client Remote Protocol Specification		✓
28. File Server Resource Manager (FSRM) Protocol	[MS-FSRM]: File Server Resource Manager Protocol Specification	✓	✓
29. FrontPage Server Remote Protocol Extensions	[MS-FPSE]: FrontPage Server Extensions Remote Protocol Specification	✓	
30. Group Policy: Core Protocol	[MS-GPOL]: Group Policy: Core Protocol Specification	✓	✓
31. Group Policy: Preferences Extension	[MS-GPPREF]: Group Policy: Preferences Extension Data Structure	✓	✓
32. Group Policy: Software Installation Protocol Extension	[MS-GPSI]: Group Policy: Software Installation Protocol Extension	✓	
33. Internet Information Services (IIS) IMSAdminBaseW Remote Protocol	[MS-IMSA]: Internet Information Services (IIS) IMSAdminBaseW Remote Protocol Specification	✓	
34. Internet Key Exchange (IKE) Protocol Extensions	[MS-IKEE]: Internet Key Exchange Protocol Extensions	✓	
35. Kerberos Network Authentication Service (V5) Extensions	[MS-KILE]: Kerberos Protocol Extensions	✓	
36. Kerberos Network Authentication Service (V5) Service for User (S4U) Extension	[MS-SFU]: Kerberos Protocol Extensions: Service for User and Constrained Delegation Protocol Specification		✓
37. Media Stream Broadcast (MSB) Protocol	[MS-MSB]: Media Stream Broadcast (MSB) Protocol Specification	✓	
38. Message Queuing (MSMQ): Binary Reliable Message Routing Protocol	[MS-MQBR]: Message Queuing (MSMQ): Binary Reliable Message Routing Algorithm		✓

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39. Message Queuing (MSMQ): Data Structures	[MS-MQMQ]: Message Queuing (MSMQ): Data Structures		✓
40. Message Queuing (MSMQ): Directory Service Change Notification Protocol	[MS-MQCN]: Message Queuing (MSMQ): Directory Service Change Notification Protocol		✓
41. Message Queuing (MSMQ): Directory Service Protocol	[MS-MQDS]: Message Queuing (MSMQ): Directory Service Protocol Specification		✓
42. Message Queuing (MSMQ): Queue Manager Remote Read Protocol	[MS-MQRR]: Message Queuing (MSMQ): Queue Manager Remote Read Protocol Specification		✓
43. Microsoft OCSP Administration Protocol	[MS-OCSPA]: Microsoft OCSP Administration Protocol Specification		✓
44. Microsoft Protected Extensible Authentication Protocol (PEAP)	[MS-PEAP]: Protected Extensible Authentication Protocol (PEAP) Specification	✓	✓
45. MSDTC Connection Manager: OleTx Transaction Protocol	[MS-DTCLU]: MSDTC Connection Manager: OleTx Transaction Protocol Logical Unit Mainframe Extension [MS-DTCO]: MSDTC Connection Manager: OleTx Transaction Protocol Specification		✓
46. Network Access Protection Statement of Health	[MS-SOH]: Statement of Health for Network Access Protection (NAP) Protocol Specification	✓	✓
47. OLE Automation Protocol	[MS-OAUT]: OLE Automation Protocol Specification	✓	
48. Peer Name Resolution Protocol (PNRP) Version 4.0	[MS-PNRP]: Peer Name Resolution Protocol (PNRP) Version 4.0 Specification	✓	✓
49. Print System Asynchronous Notification Protocol	[MS-PAN]: Print System Asynchronous Notification Protocol Specification	✓	
50. Print System Asynchronous Remote Protocol	[MS-PAR]: Print System Asynchronous Remote Protocol Specification	✓	
51. Print System Remote Protocol	[MS-RPRN]: Print System Remote Protocol Specification	✓	
52. Privilege Attribute Certificate (PAC) Data Structure	[MS-PAC]: Privilege Attribute Certificate Data Structure	✓	
53. Real-Time Streaming Protocol (RTSP): Windows Media Extensions	[MS-RTSP]: Real-Time Streaming Protocol (RTSP) Windows Media Extensions	✓	✓

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54. Remote Assistance Offer RA Protocols	[MS-RAI]: Remote Assistance Initiation Protocol Specification	✓	
55. Remote Assistance Protocol	[MS-RA]: Remote Assistance Protocol Specification	✓	
56. Remote Certificate Mapping Protocol	[MS-RCMP]: Remote Certificate Mapping Protocol Specification	✓	
57. Remote Data Services Transport Protocol	[MS-ADTG]: Remote Data Services (RDS) Transport Protocol Specification	✓	
58. Remote Desktop Protocol: Audio Redirection Virtual Channel	[MS-RDPEA]: Remote Desktop Protocol: Audio Output Virtual Channel Extension		✓
59. Remote Desktop Protocol: Basic Connectivity and Graphics Remoting	[MS-RDPBCGR]: Remote Desktop Protocol: Basic Connectivity and Graphics Remoting Specification	✓	
60. Remote Desktop Protocol: Compositing Remoting	[MS-RDPCR2]: Remote Desktop Protocol: Compositing Remoting V2 Specification		✓
61. Remote Desktop Protocol: GDI Acceleration Extension	[MS-RDPEGDI]: Remote Desktop Protocol: Graphics Device Interface (GDI) Acceleration Extensions	✓	
62. Remote Desktop Protocol: Licensing Extension	[MS-RDPELE]: Remote Desktop Protocol: Licensing Extension	✓	
63. Remote Network Driver Interface Specification (RNDIS) Protocol	[MS-RNDIS]: Remote Network Driver Interface Specification (RNDIS) Protocol Specification	✓	
64. Remote Procedure Call (RPC) over HTTP Protocol	[MS-RPCH]: Remote Procedure Call Over HTTP Protocol Specification		✓
65. Rights Management Services (RMS): Client-Server Protocol	[MS-RMPR]: Rights Management Services (RMS): Client-to-Server Protocol Specification	✓	✓
66. Secure Socket Tunneling Protocol (SSTP)	[MS-SSTP]: Secure Socket Tunneling Protocol (SSTP) Specification	✓	✓
67. Server Message Block (SMB) Version 1.0 Protocol	[MS-SMB]: Server Message Block (SMB) Protocol Specification [MS-FSCC]: File System Control Codes	✓	✓
68. Server Message Block (SMB) Version 2.0 Protocol	[MS-SMB2]: Server Message Block (SMB) Version 2.0 Protocol Specification	✓	✓

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	[MS-FSCC]: File System Control Codes		
69. Server Side Include (SSI) 1.4 Protocol	[MS-PASS]: Passport Server Side Include (SSI) Version 1.4 Protocol Specification	✓	✓
70. Telephony Remote Protocol	[MS-TRP]: Telephony Remote Protocol Specification	✓	
71. Teredo Extensions	[MS-TERE]: Teredo Extensions		✓
72. Terminal Services Terminal Server Runtime Interface (RPC)	[MS-TSTS]: Terminal Services Terminal Server Runtime Interface Protocol Specification		✓
73. Web Browser Federated Sign-On Protocol	[MS-MWBF]: Microsoft Web Browser Federated Sign-On Protocol Specification	✓	✓
74. Web Browser Federated Sign-On Protocol Extensions	[MS-MWBE]: Microsoft Web Browser Federated Sign-On Protocol Extensions		✓
75. Web Distributed Authoring and Versioning (WebDAV) Protocol: Client Extensions	[MS-WDV]: Web Distributed Authoring and Versioning (WebDAV) Protocol: Client Extensions	✓	
76. Web Distributed Authoring and Versioning (WebDAV) Protocol: Server	[MS-WDVSE]: Web Distributed Authoring and Versioning (WebDAV) Protocol: Server Extensions	✓	
77. Web Point-and-Print Protocol	[MS-WPRN]: Web Point-and-Print Protocol Specification	✓	
78. Windows CardSpace Token Acquisition Protocol	[MS-CTAP]: CardSpace Token Acquisition Protocol Specification		✓
79. Windows Deployment Services Multicast Protocol	[MS-WDSMA]: Windows Deployment Services Multicast Application Protocol [MS-WDSMSI]: Windows Deployment Services Multicast Session Initiation Protocol [MS-WDSMT]: Windows Deployment Services Multicast Transport Protocol		✓
80. Windows Deployment Services Operating System Deployment Protocol	[MS-WDSOSD]: Windows Deployment Services Operation System Deployment Protocol Specification		✓

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81. Windows Media Digital Rights Management (WMDRM): License Formats	[MS-DRM] : Digital Rights Management License Acquisition Protocol Specification	✓	
82. Windows Media HTTP Push Distribution Protocol	[MS-WMHTTP]: Windows Media HTTP Push Distribution Protocol Specification [MS-WMLOG]: Windows Media Log Data Structure	✓	
83. Windows Media HTTP Streaming Protocol	[MS-WMSP]: Windows Media HTTP Streaming Protocol Specification	✓	✓
84. Windows Remote Registry Protocol	[MS-RRP]: Windows Remote Registry Protocol Specification	✓	
85. Windows Security Health Agent (WSHA) and Windows Security Health Validator (WSHV) Protocol	[MS-WSH]: Windows Security Health Agent (WSHA) and Windows Security Health Validator (WSHV) Protocol Specification		✓
86. Windows Server Update Services: Client-Server Protocol	[MS-WUSP]: Windows Update Services: Client-Server Protocol Specification	✓	
87. WS-Management Protocol Version 2.0 Extensions	[MS-WSMV]: Web Services Management Protocol Extensions for Windows Vista		✓