

PATENT LICENSE

MICROSOFT EXCHANGE SERVER 2007 PROTOCOLS

This **Patent License** (the "**Agreement**") is entered into between Microsoft Licensing GP, a Nevada general partnership, having a principal place of business at 6100 Neil Road, Suite 210, Reno, Nevada 89511-1137 ("**Microsoft**"), and the person or company identified below ("**Licensee**"), effective as of the date it has been signed on behalf of both parties (the "**Effective Date**").

Licensee Full Legal Name: Type of Legal Entity (corporation, partnership, sole proprietorship or other): State/Province Organized: Street Address: City, State & Country: Licensee Contact Name: Phone Number: Fax Number:

LICENSEE

MICROSOFT LICENSING GP

By

By

Name, Title

Name, Title

Date

Date

1. **Definitions.** Capitalized terms used in this Agreement are defined in this **Section 1** or elsewhere in this Agreement.
 - 1.1. "**Affiliate**" means, with respect to any party, any entity that directly or indirectly controls, is controlled by or is under common control with such party. For purposes of this definition, "control" means direct or indirect (through any number of successive tiers) ownership of: (a) more than fifty percent (50%) of the outstanding shares having the right to vote for the election of directors or other managing authority of the subject entity; or (b) in the case of an entity which does not have outstanding shares (e.g. a partnership, joint venture or unincorporated association), more than fifty percent (50%) of the ownership interests having the right to make decisions for the subject entity.
 - 1.2. "**Copy**" of a Product means each individual copy of the Product, including all copies that a Customer or Provider is authorized to make under the terms of the agreement under which that Product is Provided, and further including any concurrently running instances of the Product that the Customer is authorized to deploy.
 - 1.3. "**Customer**" means a third party (whether an individual or an entity) that receives a Product for its own use and not for sublicense or further Provision.
 - 1.4. "**Implementation(s)**" means those portion(s) of software developed by or for Licensee that implement Protocols in accordance with the Technical Documentation in order to interoperate with Microsoft Exchange Server 2007.
 - 1.5. "**Necessary Claims**" means the claims of a patent or patent application that Microsoft owns or has the right to sublicense without a fee and that are necessarily infringed by implementing the Protocols in accordance with the Technical Documentation in order to interoperate with Microsoft Exchange Server 2007. Necessary Claims do not include any claims directed to any technology other than an Implementation; without limiting the foregoing, Necessary Claims do not include any claims directed to (a) underlying or enabling technology that may be used or Provided in connection with a Protocol or an Implementation, (b) any portions of a Product other than the Implementation;

or (c) any implementation of technical documentation, specifications or technologies that are merely referred to in the body of the Technical Documentation.

- 1.6. **"Net Revenues"** means, for each Product: (a) all revenues actually recognized by Licensee in the normal course of business from (1) the Provision of the Product, and (2) any installation, support, maintenance, or similar agreements for services that are contractually required in connection with the Provision of the Product, including in each such case the fair market value of any non-monetary consideration; less (b) any Credits. **"Credits"** means (a) freight, postage, insurance and shipping and handling expenses applicable to the Product (but only, in each instance, if separately priced and identified in the applicable invoices or other agreements); (b) credits, rebates or refunds actually allowed for returns or recalls of the Product; and (c) sales, value-added, excise taxes, tariffs and duties, and other taxes directly related to the Provision of the Product, to the extent that the items described in (a), (b) and (c) are included in the gross invoice price and actually incurred by Licensee. Credits do not include taxes assessed against the income derived from Provision of Products or against Licensee's business operations.
- 1.7. **"Protocols"** means the software communications protocols listed in Exhibit A, together with any additional protocols that are listed on the following website (or its successor) and are designated as "Microsoft Exchange Server 2007 Protocols":
<http://msdn2.microsoft.com/en-us/library/cc203350.aspx>
- 1.8. **"Provide"** means selling, offering for sale, importing, licensing, distributing, providing online access to (including under subscriptions or user-based connection fees), hosting, or otherwise making available in any manner to a third party. **"Provider"** means any entity that Licensee authorizes to Provide a Product in accordance with the terms of this Agreement.
- 1.9. **"Royalties"** means the royalties owed under this Agreement, as described in **Section 3** below.
- 1.10. **"Technical Documentation"** means the Microsoft technical documentation for the Protocols located at the following website: <http://msdn2.microsoft.com/en-us/library/cc203350.aspx>
- 1.11. **"User"** means an individual human being that is authorized to access a Product or to otherwise make use of a Product.

2. License

- 2.1. License Grant. Microsoft, on behalf of itself and its Affiliates, grants Licensee a worldwide, non-exclusive, personal license under the Necessary Claims to make, use, and Provide Implementations. This license grant is conditioned on Licensee's payment of Royalties (including prepaid royalties) and Licensee's and its Providers' compliance with **Section 2.2**. Licensee may only Provide Implementations as part of products or services Provided under a Licensee Brand ("**Product**"); notwithstanding the foregoing, this Agreement does not grant any licenses under any patents or patent applications with respect to the portions of the Product that do not constitute the Implementation.
- 2.2. Notice. Licensee will ensure that all recipients of source code copies of Products agree to and are bound to the following terms as part of their agreement covering their use of the Product: "This source code may be covered by patents owned by Microsoft Corporation. You are not licensed under any Microsoft patents to distribute this code in any form unless you have obtained an appropriate license from Microsoft. The terms and conditions of such license may be obtained by contacting Microsoft at protocol@microsoft.com."
- 2.3. Reservation of Rights. All rights not expressly granted in this Agreement are reserved by Microsoft. No additional rights other than under the Necessary Claims are granted by implication, exhaustion, estoppel or otherwise. Licensee will not claim licenses or other rights under any patents or applications of Microsoft or its Affiliates other than the Necessary Claims as a result of entering into this Agreement or making, using, or Providing any Implementation under this Agreement.
- 2.4. Most Favored Terms. If any other third party enters into a patent license specifically for the Protocols that contains terms that are more advantageous to that third party than the terms of this Agreement, Licensee will have the opportunity to enter into the same agreement as that third party.

If that third party agreement provides for lower Royalties than this Agreement, Licensee will receive a credit against future Royalties owed under this Agreement, consisting of the difference between the amount that Licensee paid under this Agreement for the relevant time period and the amount that Licensee would have owed under the other agreement for that time period.

3. Royalties

- 3.1. Prepaid Royalties. Licensee will pay Microsoft \$10,000 in non-refundable prepaid royalties, to be credited against Royalties.
- 3.2. Royalties. Licensee will pay Royalties for each Product containing an Implementation consisting of the Net Revenues for that Product multiplied by the Royalty Rate set forth below, provided that the Royalty per User of that Product or Provided Copy of that Product will not be less than the Minimum Royalty set forth below for the applicable Product Type:

<u>Product Type</u>	<u>Royalty Rate</u>	<u>Minimum Royalty</u>
Client – Software Product that runs on a desktop, laptop, netbook, or similar computer and is designed and used to provide computing or data services to a single User or computer	1%	\$0.83 per Copy of the Product
Server – Software Product that is designed or used to provide computing or data services to multiple Users or software programs running on multiple other computers	1%	\$42.27 per Copy of the Product
Service – Product that is Provided to Customers only in the form of a service, i.e., no software or hardware is transferred to the Customer	1%	\$0.13 per unique User of the Service per Quarter
Device – Products that consist of combinations of hardware and software intended for use by a single User, in mobile phones and personal digital assistants or similar devices, but shall not include any servers, desktop, laptop, netbook or other similar computer	1%	\$0.34 per Copy of the Product
Device Application – Software Product that is implemented in a third party Device	1%	\$0.34 per Copy of the Product
Other – any Product not specifically described above	1%	\$84.54 per Copy of the Product

- (a) Evaluation Copy Pricing. No Royalties are owed for Copies of a Product that Licensee permits to be used under a written agreement only for a reasonably limited time period and only for testing and evaluation purposes.
- (b) Locked Copies. If Licensee Provides a Copy of a Product using a commercially reasonable form of anti-piracy activation technology such that the Copy cannot be used or installed by a Customer without the use of an associated authorized digital license key, and Provides the Copy under an agreement that permits initial use or installation of the Copy only by means of the key, then Licensee will not be required to treat the Copy as having been “Provided” until Licensee or a Provider first makes the key available to the Customer.

3.3. Reporting and Payments.

- (a) Licensee will pay Royalties on a quarterly basis for Provision in the prior full or partial calendar quarter (“**Quarter**”). Licensee will submit Royalty Reports within 30 days after the end of each Quarter to the address specified in **Section 8.1**, with a copy by e-mail to ipnotice@microsoft.com, using a form to be provided by Microsoft. Microsoft will in no event be entitled to obtain any information concerning: (a) the identity of any Provider or Customer of Licensee; or (b) the quantity of Implementations or Products Provided to any particular

Provider or Customer of Licensee, except as may be required to determine the total quantity of Copies of Products subject to Royalties under this **Section 3**.

- (b) Microsoft will invoice Licensee for the Royalties owed based on Licensee's Royalty Reports. Licensee will pay all invoices issued by Microsoft under this Agreement within 30 days to an account specified by Microsoft. All payments due under this Agreement are payable in United States Dollars. If Licensee receives or makes payments of any amounts that are part of Net Revenues in a currency other than U.S. Dollars, Licensee will calculate Royalties as if such payments were converted to U.S. Dollars at the end of the Quarter in which the payments were received or paid. Licensee will use the applicable currency exchange rate quoted in the *Wall Street Journal* as of 3 pm EST for currency trading among banks in amounts of \$1,000,000 or more on the last day of the applicable Quarter. Microsoft may assess and Licensee will then pay the lesser of (a) a one and one-half percent (1.5%) monthly charge, and (b) the highest amount permitted by applicable law with respect to late charges, on all amounts that are past due from the date due through and including the date Microsoft receives payment in full.

3.4. Taxes. This **Section 3.4** governs the treatment of all taxes arising as a result of or in connection with this Agreement, notwithstanding any other provision of this Agreement.

- (a) Licensee is responsible for the billing, collecting and remitting of sales, use, value added, and other comparable taxes due with respect to the collection of any revenues by Licensee, or any portion thereof. Microsoft is not liable for any taxes (including any penalties or interest thereon), that Licensee is legally obligated to pay and that are incurred by Licensee in connection with this Agreement or any Licensee revenues related to the Provision of any Implementation or Product, and Licensee takes full responsibility for all such taxes. Licensee is not liable for any income taxes that Microsoft is legally obligated to pay with respect to any amounts paid to Microsoft by Licensee under this Agreement.
- (b) Amounts payable to Microsoft under this Agreement exclude any taxes, duties, levies, fees, excises or tariffs imposed on any of Licensee's activities in connection with this Agreement. Licensee will pay to Microsoft any applicable taxes that are owed by Licensee solely as a result of entering into this Agreement and which are permitted to be collected from Licensee by Microsoft under applicable law, except to the extent Licensee provides to Microsoft a valid exemption certificate for such taxes. Licensee agrees to indemnify, defend and hold Microsoft harmless from any taxes (including without limitation sales or use taxes paid by Licensee to Microsoft) or claims, causes of action, costs (including without limitation reasonable attorneys' fees) and any other liabilities of any nature whatsoever related to such taxes.
- (c) If, after a determination by foreign tax authorities, any taxes are required to be withheld on payments made by Licensee to Microsoft, Licensee may deduct such taxes from the amount owed Microsoft and pay them to the appropriate taxing authority; provided however, that Licensee will promptly secure and deliver to Microsoft an official receipt for any such taxes withheld or other documents necessary to enable Microsoft to claim a U.S. Foreign Tax Credit. Licensee will make certain that any taxes withheld are minimized to the extent possible under applicable law.

3.5. Recordkeeping and Audits.

- (a) Recordkeeping. Licensee will maintain accurate and adequate books and records related to its compliance with all terms and conditions of this Agreement (collectively, "**Audit Information**") until the date that is two years from the end of the last Quarter in which Licensee Provides Implementations.
- (b) Audits. Licensee will provide access to Audit Information to a nationally recognized independent certified public accountant ("**Auditor**") selected by Microsoft and approved by Licensee (such approval not to be unreasonably delayed or withheld), for purposes of conducting an audit of Licensees' compliance with the terms and conditions of this Agreement. Licensee must be given at least 30 days notice of any audit and the access will be limited to those portions of the Audit Information necessary to verify Licensee's compliance with this

Agreement. The Auditor will use reasonable and customary care to protect the confidentiality of Audit Information. Audits will be conducted during regular business hours at Licensee's facilities. The Auditor may be escorted by Licensee personnel when on Licensee premises, and will not unreasonably interfere with Licensee's normal course of business. Following conclusion of the audit, the Auditor will provide both Microsoft and Licensee with a report of the results of the audit.

- (c) **Frequency and Costs.** Audits will not be performed more than once every 12 months, unless an audit discloses a Material Discrepancy, in which case follow-up audits may be conducted until the Material Discrepancy has been resolved. Licensee will promptly pay the costs of any audit(s) that reveal a Material Discrepancy; otherwise, Microsoft will be responsible for the costs. "**Material Discrepancy**" means, with respect to Royalties, the greater of 5% or \$10,000 when compared to the amount that was reported during the period subject to audit; and/or with respect to other terms of this Agreement, material non-compliance with any other material terms.

- 4. **Confidentiality.** Royalty Reports, Audit Information, and audit reports are Licensee's confidential information. Microsoft will not disclose them except as may be required by applicable law or as may be required by judicial or governmental order. If possible under the terms of the order, Microsoft will either give Licensee prior notice of the disclosure to enable it to seek a protective order or obtain written assurance that the confidential information will receive the highest level of applicable protection.

5. **Representations and Warranties**

- 5.1. **Mutual.** Each party represents and warrants that (a) the person executing this Agreement on its behalf has all necessary power and authority to do so, and that upon such signature this Agreement is a legal, valid and binding obligation enforceable against such party, and (b) it is entering into this Agreement in good faith.

- 5.2. **DISCLAIMER.** EXCEPT AS PROVIDED IN **SECTION 5.1**, EACH PARTY DISCLAIMS ALL WARRANTIES, GUARANTEES, AND CONDITIONS, WHETHER EXPRESS, IMPLIED OR STATUTORY, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTIES OR MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NON-INFRINGEMENT.

- 6. **LIMITATIONS OF REMEDIES & LIABILITY.** EXCEPT WITH RESPECT TO A BREACH OF **SECTION 2.2** (NOTICE), OR WITH RESPECT TO ANY INFRINGEMENT OR MISAPPROPRIATION OF EITHER PARTY'S INTELLECTUAL PROPERTY RIGHTS, TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, NEITHER PARTY IS LIABLE FOR ANY INDIRECT, INCIDENTAL, CONSEQUENTIAL, PUNITIVE OR SPECIAL DAMAGES WHATSOEVER ARISING OUT OF OR IN CONNECTION WITH ANY PROVISION OF THIS AGREEMENT, REGARDLESS OF THE LEGAL THEORY UPON WHICH ANY CLAIM FOR SUCH DAMAGES IS BASED. THE FOREGOING EXCLUSION APPLIES EVEN IF SUCH PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES IN ADVANCE AND EVEN IF ANY AVAILABLE REMEDY FAILS OF ITS ESSENTIAL PURPOSE.

7. **Term & Termination**

- 7.1. **Term.** The terms of this Agreement commence upon Microsoft's receipt of the Prepaid Royalties and continue in effect until all of Microsoft's rights under the Necessary Claims expire, unless this Agreement is terminated.

- 7.2. **Termination.** Licensee may terminate this Agreement at any time, in its sole discretion and without cause, by providing written notice to Microsoft. Microsoft may terminate this Agreement by giving Licensee written notice of termination: (i) immediately and at any time, if Licensee is in material breach of **Section 2.2**; or (ii) at any time if Licensee is in material breach of any term or condition of this Agreement and fails to remedy that breach within 60 days after written notice thereof. If Licensee or any of its Affiliates files, maintains or voluntarily participates in a patent infringement lawsuit against Microsoft, its Affiliates, or any Protocol licensee on account of that entity's

implementation of a Protocol, then the license grants in **Section 2.1** are terminated as of the Effective Date with respect to any Implementation of the same Protocol.

- 7.3. Effect of Expiration or Termination. If this Agreement is terminated, Licensee will have no further rights under this Agreement, and the following Sections will survive any expiration or termination of the Agreement: **Sections 2.3** (Reservation of Rights); **3.2 – 3.4** (Royalties; Payments; and Taxes), with respect to Royalty obligations accrued prior to expiration or termination; **3.5** (Recordkeeping and Audits), for a period of 2 years following expiration or termination; **5** (Representations and Warranties), **6** (Limitation of Remedies & Liability), **7.3** (Effect of Expiration or Termination) and **8** (Miscellaneous). Any expiration or termination of this Agreement is without prejudice to any right or remedy of either party arising out of any breach of this Agreement, including without limitation recovery of any monies due or claimed due under this Agreement.

8. **Miscellaneous**

- 8.1. Notices. All notices and requests between the parties in connection with this Agreement are deemed given on the day they are received either by messenger, delivery service, or in the United States of America mails, postage prepaid, certified or registered, return receipt requested, and addressed using the contact information indicated on the first page of this Agreement for Licensee, the contact information indicated below for Microsoft, or to such other address as the party to receive the notice or request so designates per this notice provision:

Microsoft Licensing GP Attn: Special Agreements Dept. 551, Volume Licensing 6100 Neil Road, Suite 210 Reno, Nevada 89511-1137	Copy To: Microsoft Corporation Attn: General Manager, Interoperability Group Legal and Corporate Affairs One Microsoft Way Redmond, WA 98052-6399
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- 8.2. Governing Law; Jurisdiction; Attorneys' Fees. The laws of the State of Washington govern this Agreement. Licensee consents to exclusive jurisdiction and venue in the federal courts sitting in King County, Washington, unless no federal subject matter jurisdiction exists, in which case Licensee consents to exclusive jurisdiction and venue in the Superior Court of King County, Washington. Licensee waives all defenses of lack of personal jurisdiction and forum non conveniens. Process may be served on either party in the manner authorized by applicable law or court rule. In any formal action or suit to enforce any right or remedy under this Agreement or to interpret any provision of this Agreement, the prevailing party is entitled to recover its costs, including reasonable attorneys' fees.
- 8.3. Assignment. Microsoft may assign this Agreement to an Affiliate. Otherwise, neither party may assign or otherwise transfer this agreement or any of its rights or obligations under this Agreement, whether by operation of contract, law, or otherwise without the consent of the other party, which will not be unreasonably withheld. Any attempted assignment in violation of this **Section 8.3** is null and void and has no force or effect.
- 8.4. Entire Agreement and Modifications. This Agreement (including its Exhibit) constitutes the entire agreement between the parties with respect to its subject matter and merges all prior and contemporaneous communications on such subject matter. No modifications of this Agreement are effective unless contained in a subsequent written agreement that expressly references this Agreement and its intent to modify its terms, and is signed by duly authorized representatives of Licensee and Microsoft.

**Exhibit A
Protocols
(November 06, 2009)**

Protocol Name	Technical Documentation Title
1. .MSG File Format	[MS-OXMSG]: .MSG File Format
2. ActiveSync AirSyncBase Namespace Protocol Specification	[MS-ASAIRS]: ActiveSync AirSyncBase Namespace Protocol Specification
3. ActiveSync Calendar Class Protocol Specification	[MS-ASCAL]: ActiveSync Calendar Class Protocol Specification
4. ActiveSync Command Reference Protocol Specification	[MS-ASCMD]: ActiveSync Command Reference Protocol Specification
5. ActiveSync Contact Class Protocol Specification	[MS-ASCNTC]: ActiveSync Contact Class Protocol Specification
6. ActiveSync Conversations Protocol Specification	[MS-ASCON]: ActiveSync Conversations Protocol Specification
7. ActiveSync Data Types	[MS-ASDTYPE]: ActiveSync Data Types
8. ActiveSync Document Class Protocol Specification	[MS-ASDOC]: ActiveSync Document Class Protocol Specification
9. ActiveSync E-Mail Class Protocol Specification	[MS-ASEMAIL]: ActiveSync E-Mail Class Protocol Specification
10. ActiveSync HTTP Protocol Specification	[MS-ASHTTP]: ActiveSync HTTP Protocol Specification
11. ActiveSync Notes Class Protocol Specification	[MS-ASNOTE]: ActiveSync Notes Class Protocol Specification
12. ActiveSync Provisioning Protocol Specification	[MS-ASPROV]: ActiveSync Provisioning Protocol Specification
13. ActiveSync Short Message Service Protocol Specification	[MS-ASMS]: ActiveSync Short Message Service Protocol Specification
14. ActiveSync Tasks Class Protocol Specification	[MS-ASTASK]: ActiveSync Tasks Class Protocol Specification
15. ActiveSync WAP Binary XML (WBXML) Protocol Specification	[MS-ASWBXML]: ActiveSync WAP Binary XML (WBXML) Protocol Specification
16. Address Book Name Service Provider Interface (NSPI) Referral Protocol Specification	[MS-OXABREF]: Address Book Name Service Provider Interface (NSPI) Referral Protocol Specification
17. Address Book Object Protocol Specification	[MS-OXOABK]: Address Book Object Protocol Specification
18. Address Book User Interface Templates Protocol Specification	[MS-OXOABKT]: Address Book User Interface Templates Protocol Specification
19. Appointment and Meeting Object Protocol Specification	[MS-OXOCAL]: Appointment and Meeting Object Protocol Specification
20. Attachment Handling Web Service Protocol Specification	[MS-OXWSATT]: Attachment Handling Web Service Protocol Specification
21. Autodiscover HTTP Service Protocol Specification	[MS-OXDISCO]: Autodiscover HTTP Service Protocol Specification

Protocol Name	Technical Documentation Title
22. Autodiscover Publishing and Lookup Protocol Specification	[MS-OXDSCLI]: Autodiscover Publishing and Lookup Protocol Specification
23. AutoDiscover Publishing and Lookup SOAP-based Web Service Protocol Specification	[MS-OXWSADISC]: AutoDiscover Publishing and Lookup SOAP-based Web Service Protocol Specification
24. Availability Web Service Protocol Specification	[MS-OXWAVLS]: Availability Web Service Protocol Specification
25. Best Body Retrieval Protocol Specification	[MS-OXBBODY]: Best Body Retrieval Protocol Specification
26. Bulk Data Transfer Protocol Specification	[MS-OXCFXICS]: Bulk Data Transfer Protocol Specification
27. Calendaring Web Service Protocol Specification	[MS-OXWSMTGS]: Calendaring Web Service Protocol Specification
28. Common Web Service Data Types	[MS-OXWSCDATA]: Common Web Service Data Types
29. Configuration Information Protocol Specification	[MS-OXOCFG]: Configuration Information Protocol Specification
30. Contact Object Protocol Specification	[MS-OXOCNTC]: Contact Object Protocol Specification
31. Contacts Web Service Protocol Specification	[MS-OXWSCONT]: Contacts Web Service Protocol Specification
32. Convert Item Identifier Web Service Protocol Specification	[MS-OXWSCVTID]: Convert Item Identifier Web Service Protocol Specification
33. Core Items Web Service Protocol Specification	[MS-OXWSCORE]: Core Items Web Service Protocol Specification
34. Core Notifications Protocol Specification	[MS-OXCNOTIF]: Core Notifications Protocol Specification
35. Data Structures	[MS-OXCDATA]: Data Structures
36. Delegate Access Configuration Protocol Specification	[MS-OXODLGT]: Delegate Access Configuration Protocol Specification
37. Delegate Access Management Web Service Protocol Specification	[MS-OXWSDLGM]: Delegate Access Management Web Service Protocol Specification
38. Distribution List Creation and Usage Web Service Protocol Specification	[MS-OXWSDLIST]: Distribution List Creation and Usage Web Service Protocol Specification
39. Document Object Protocol Specification	[MS-OXODOC]: Document Object Protocol Specification
40. E-mail Message Types Web Service Protocol Specification	[MS-OXWSMSG]: E-mail Message Types Web Service Protocol Specification
41. E-mail Object Protocol Specification	[MS-OXOMSG]: E-mail Object Protocol Specification
42. E-mail Postmark Validation Protocol Specification	[MS-OXPSVAL]: E-mail Postmark Validation Protocol Specification
43. E-mail Rules Protocol Specification	[MS-OXORULE]: E-mail Rules Protocol Specification

Protocol Name	Technical Documentation Title
44. Enriched Text Format (ETF) Message Body Conversion Protocol Specification	[MS-OXCETF]: Enriched Text Format (ETF) Message Body Conversion Protocol Specification
45. Exchange Access and Operation Permissions Protocol Specification	[MS-OXCPerm]: Exchange Access and Operation Permissions Protocol Specification
46. Extended Properties Web Service Schema	[MS-OXWSXPROP]: Extended Properties Web Service Schema
47. Federated Internet Authentication Web Service Protocol	[MS-OXWSLVID]: Federated Internet Authentication Web Service Protocol Specification
48. Folder Object Protocol Specification	[MS-OXCFOLD]: Folder Object Protocol Specification
49. Folder Sharing Web Service	[MS-OXWSMSHR]: Folder Sharing Web Service Protocol Specification
50. Folders and Folder Permissions Web Service Protocol Specification	[MS-OXWSFOLD]: Folders and Folder Permissions Web Service Protocol Specification
51. Get Rooms List Web Service Protocol Specification	[MS-OXWSGTRM]: Get Rooms List Web Service Protocol Specification
52. Get Server Time Zone Web Service Protocol Specification	[MS-OXWSGTZ]: Get Server Time Zone Web Service Protocol Specification
53. iCalendar to Appointment Object Conversion Protocol Specification	[MS-OXCICAL]: iCalendar to Appointment Object Conversion Protocol Specification
54. Informational Flagging Protocol Specification	[MS-OXOFLAG]: Informational Flagging Protocol Specification
55. Internet Message Access Protocol Version 4 (IMAP4) Extensions	[MS-OXIMAP4]: Internet Message Access Protocol Version 4 (IMAP4) Extensions
56. Journal Object Protocol Specification	[MS-OXOJRNL]: Journal Object Protocol Specification
57. Journal Record Message File Format	[MS-XJRNL]: Journal Record Message File Format
58. Lightweight Directory Access Protocol (LDAP) Version 3 Extensions	[MS-OXLDAP]: Lightweight Directory Access Protocol (LDAP) Version 3 Extensions
59. Mailbox Contents Synchronization Web Service Protocol Specification	[MS-OXWSSYNC]: Mailbox Contents Synchronization Web Service Protocol Specification
60. Mailbox Migration	[MS-OXMVMBX]: Mailbox Migration
61. Mailbox Search Web Service Protocol Specification	[MS-OXWSSRCH]: Mailbox Search Web Service Protocol Specification
62. Mailbox Synchronization Protocol Specification	[MS-OXCsync]: Mailbox Synchronization Protocol Specification
63. Mailltips Web Service Extensions	[MS-OXWMT]: Mailltips Web Service Extensions
64. Message and Attachment Object Protocol Specification	[MS-OXCMSG]: Message and Attachment Object Protocol Specification

Protocol Name	Technical Documentation Title
65. Message Tracking Web Service Protocol Specification	[MS-OXWSMTRK]: Message Tracking Web Service Protocol Specification
66. Name Service Provider Interface (NSPI) Protocol	[MS-NSPI]: Name Service Provider Interface (NSPI) Protocol Specification
67. Note Object Protocol Specification	[MS-OXONOTE]: Note Object Protocol Specification
68. Notifications Web Service Protocol Specification	[MS-OXWSNTIF]: Notifications Web Service Protocol Specification
69. Offline Address Book (OAB) File Format and Schema	[MS-OXOAB]: Offline Address Book (OAB) File Format and Schema
70. Offline Address Book (OAB) Public Folder Retrieval Protocol Specification	[MS-OXPFOAB]: Offline Address Book (OAB) Public Folder Retrieval Protocol Specification
71. Offline Address Book (OAB) Retrieval Protocol Specification	[MS-OXWOAB]: Offline Address Book (OAB) Retrieval Protocol Specification
72. Out of Office (OOO) Web Service Protocol Specification	[MS-OXWOOF]: Out of Office (OOO) Web Service Protocol Specification
73. Phishing Warning Protocol Specification	[MS-OXPHISH]: Phishing Warning Protocol Specification
74. Post Items Web Service Protocol Specification	[MS-OXWSPOST]: Post Items Web Service Protocol Specification
75. Post Object Protocol Specification	[MS-OXOPOST]: Post Object Protocol Specification
76. Post Office Protocol Version 3 (POP3) Extensions	[MS-OXPOP3]: Post Office Protocol Version 3 (POP3) Extensions
77. Property and Stream Object Protocol Specification	[MS-OXCPRPT]: Property and Stream Object Protocol Specification
78. Public Folder-Based Free/Busy Protocol Specification	[MS-OXOPFFB]: Public Folder-Based Free/Busy Protocol Specification
79. Push Notifications Web Service Protocol Specification	[MS-OXWSPSNTIF]: Push Notifications Web Service Protocol Specification
80. Reminder Settings Protocol Specification	[MS-OXORMDR]: Reminder Settings Protocol Specification
81. Remote Operations (ROP) List and Encoding Protocol Specification	[MS-OXCROPS]: Remote Operations (ROP) List and Encoding Protocol Specification
82. Resolve Recipient Names Web Service Protocol Specification	[MS-OXWSRSLNM]: Resolve Recipient Names Web Service Protocol Specification
83. RFC2822 and MIME to E-mail Object Conversion Protocol Specification	[MS-OXCMAIL]: RFC2822 and MIME to E-mail Object Conversion Protocol Specification
84. Rich Text Format (RTF) Compression Protocol Specification	[MS-OXRTFCP]: Rich Text Format (RTF) Compression Protocol Specification
85. Rich Text Format (RTF) Extensions Specification	[MS-OXRTFEX]: Rich Text Format (RTF) Extensions Specification
86. Rights-Managed E-mail Object Protocol Specification	[MS-OXORMMS]: Rights-Managed E-mail Object Protocol Specification
87. RSS Object Protocol Specification	[MS-OXORSS]: RSS Object Protocol Specification
88. S/MIME E-mail Object Protocol Specification	[MS-OXOSMIME]: S/MIME E-mail Object Protocol Specification

Protocol Name	Technical Documentation Title
89. Search Folder List Configuration Protocol Specification	[MS-OXOSRCH]: Search Folder List Configuration Protocol Specification
90. Sharing Message Attachment	[MS-OXSHRMSG]: Sharing Message Attachment Schema
91. Sharing Message Object Protocol Specification	[MS-OXSHARE]: Sharing Message Object Protocol Specification
92. Short Message Service (SMS) and Multimedia Messaging Service (MMS) Object Protocol Specification	[MS-OXOSMMS]: Short Message Service (SMS) and Multimedia Messaging Service (MMS) Object Protocol Specification
93. Simple Mail Transfer Protocol (SMTP) AUTH LOGIN Extension	[MS-XLOGIN]: Simple Mail Transfer Protocol (SMTP) AUTH LOGIN Extension
94. Simple Mail Transfer Protocol (STMP) Mail Submission Extensions	[MS-OXSMTP]: Simple Mail Transfer Protocol (STMP) Mail Submission Extensions
95. Spam Confidence Level Protocol Specification	[MS-OXCSPAM]: Spam Confidence Level Protocol Specification
96. Special Folders Protocol Specification	[MS-OXOSFLD]: Special Folders Protocol Specification
97. Store Object Protocol Specification	[MS-OXCSTOR]: Store Object Protocol Specification
98. Table Object Protocol Specification	[MS-OXCTABL]: Table Object Protocol Specification
99. Task-Related Objects Protocol Specification	[MS-OXOTASK]: Task-Related Objects Protocol Specification
100. Tasks Web Service Protocol Specification	[MS-OXWSTASK]: Tasks Web Service Protocol Specification
101. Transport Neutral Encapsulation Format (TNEF) Protocol Specification	[MS-OXTNEF]: Transport Neutral Encapsulation Format (TNEF) Protocol Specification
102. User Configuration Web Service Protocol Specification	[MS-OXWSUSRCFG]: User Configuration Web Service Protocol Specification
103. vCard to Contact Object Conversion Protocol Specification	[MS-OXVCARD]: vCard to Contact Object Conversion Protocol Specification
104. Voice Mail and Fax Objects Protocol Specification	[MS-OXOUM]: Voice Mail and Fax Objects Protocol Specification
105. Voice Mail Settings Web Service Protocol Specification	[MS-OXWUMS]: Voice Mail Settings Web Service Protocol Specification
106. Web Distributed Authoring and Versioning (WebDAV) Core Extensions	[MS-XWDEXT]: Web Distributed Authoring and Versioning (WebDAV) Core Extensions
107. Web Distributed Authoring and Versioning (WebDAV) Extensions for Calendar Support	[MS-XWDCAL]: Web Distributed Authoring and Versioning (WebDAV) Extensions for Calendar Support
108. Web Distributed Authoring and Versioning (WebDAV) Extensions for Contacts Support	[MS-XWDCNTC]: Web Distributed Authoring and Versioning (WebDAV) Extensions for Contacts Support
109. Web Distributed Authoring and Versioning (WebDAV) Extensions for Documents Support	[MS-XWDDOC]: Web Distributed Authoring and Versioning (WebDAV) Extensions for Documents Support
110. Web Distributed Authoring and Versioning (WebDAV) Extensions for E-Mail Support	[MS-XWDMAIL]: Web Distributed Authoring and Versioning (WebDAV) Extensions for E-Mail Support

Protocol Name	Technical Documentation Title
111. Web Distributed Authoring and Versioning (WebDAV) Extensions for Folders Support	[MS-XWDFOLD]: Web Distributed Authoring and Versioning (WebDAV) Extensions for Folders Support
112. Web Distributed Authoring and Versioning (WebDAV) Extensions for Notifications	[MS-XWDNOTIF]: Web Distributed Authoring and Versioning (WebDAV) Extensions for Notifications
113. Web Distributed Authoring and Versioning (WebDAV) Extensions for Replication	[MS-XWDREPL]: Web Distributed Authoring and Versioning (WebDAV) Extensions for Replication
114. Web Distributed Authoring and Versioning (WebDAV) Extensions for Search	[MS-XWDSEARCH]: Web Distributed Authoring and Versioning (WebDAV) Extensions for Search
115. Web Distributed Authoring and Versioning (WebDAV) Extensions for Structured Documents	[MS-XWDSTRUCTDOC]: Web Distributed Authoring and Versioning (WebDAV) Extensions for Structured Documents
116. Web Distributed Authoring and Versioning (WebDAV) Protocol Security Descriptor Extensions	[MS-XWDVSEC]: Web Distributed Authoring and Versioning (WebDAV) Protocol Security Descriptor Extensions
117. Web Service Configuration Protocol Specification	[MS-OXWCONFIG]: Web Service Configuration Protocol Specification
118. Wire Format Protocol Specification	[MS-OXCRPC]: Wire Format Protocol Specification