

# Exchange Server Protocols Readme

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Microsoft has implemented four new interoperability principles and corresponding actions across its high-volume business products: (1) ensuring open connections; (2) promoting data portability; (3) enhancing support for industry standards; and (4) fostering more open engagement with customers and the industry, including open source communities.

Read the full Microsoft PressPass article:

<http://www.microsoft.com/presspass/press/2008/feb08/02-21ExpandInteroperabilityPR.mspx>

## Exchange Server Protocols Introduction

[http://msdn2.microsoft.com/en-us/library/cc307725\(EXCHG.80\).aspx](http://msdn2.microsoft.com/en-us/library/cc307725(EXCHG.80).aspx)

Microsoft makes available information about protocols, binary file formats, and other specifications for a number of its most popular products, including various versions of Windows and Windows Server, Microsoft SQL Server, Microsoft Office, Microsoft Exchange Server, and Microsoft Office SharePoint Server. These technical specifications enable and encourage a vibrant development community, resulting in smarter, interoperable products.

## Important note about the documentation

- **"Copy Code" button does not currently work in Firefox.**

It is a known issue that the "Copy Code" button that appears on code samples in an Open Protocols specification does not copy code to the clipboard when the specification is viewed in the Firefox Web browser. Instead of using the button, highlight the code and copy it.

- **Download all interoperability-related PDF documents to the same directory to retain links.**

If you use the PDF versions of the Open Specifications, be sure to download all of the documents to the same directory. Hyperlinks between specifications require the documents to be in the same directory to work. Note that if you download additional protocol documents from Microsoft, they should also be stored in the same directory to enable linking.

- **Adobe Reader 8.0 provides best readability for documents.**

For optimal readability of the PDF documents, it is recommended that they be opened and viewed by using Adobe Reader 8.0. Earlier versions of Adobe Reader might not provide the same reading quality.

- **Technical documentation links don't resolve in Adobe Reader 9.**

This is a change introduced by Adobe, which has altered the default setting for view mode in Adobe Reader 9. In order to access links, users need to change their settings so that the document is not in view mode.

1. In Adobe Reader 9, go to the **Edit** menu and click **Preferences**. In the **Categories** list, click **Documents**.
2. Under **PDF/A View Mode**, change the selection from **Only for PDF/A documents** to **Never**, and click **OK**.

- Additional details on changing the setting can be located on the Adobe help site:

[http://help.adobe.com/en\\_US/Acrobat/9.0/Standard/WS3E0E8467-B787-4020-A1D3-6BC762A42DF2.w.html](http://help.adobe.com/en_US/Acrobat/9.0/Standard/WS3E0E8467-B787-4020-A1D3-6BC762A42DF2.w.html)

## Documentation Roadmap and Forum Information

To navigate the documentation set, follow these guidelines:

- If you are new to the documentation set and new to Exchange, it would be useful for you to read all the overview documents to make yourself familiar with the organization of the documentation set, as well as with Exchange concepts and how protocols relate to each other. We recommend that you read the overview documents in this order:
  - [\[MS-OXDOCO\]](#) The Exchange server protocols overview document [\[MS-OXDOCO\]](#) provides an overview of the documents included in the Exchange server protocols package.
  - [\[MS-OXPROTO\]](#) The Exchange server protocols overview document [\[MS-OXPROTO\]](#) provides an overview of the protocols that are implemented by Exchange Server 2003, Exchange Server 2007, and Exchange Server 2010.

After you have read the documents above, access the protocol specification(s) in which you are interested.

- If you are familiar with the documentation set but are new to Exchange:
  - [\[MS-OXPROTO\]](#) The Exchange server protocols overview document [\[MS-OXPROTO\]](#) can help you determine which protocols are closely related to each other. You can use the protocols tables in [\[MS-OXPROTO\]](#) to determine the short names of the protocol specifications you are interested in reading.
  - Access the protocol specification(s) in which you are interested.
- If you are familiar with the documentation set and Exchange, go directly to the protocol specification(s) in which you are interested.

Reference	Details
<b>Exchange Protocols on MSDN</b> <a href="http://go.microsoft.com/fwlink/?LinkId=117318">http://go.microsoft.com/fwlink/?LinkId=117318</a>	Click to view this content online
<b>Exchange Server Protocols .zip file</b> <a href="http://download.microsoft.com/download/5/D/D/5DD33FDF-91F5-496D-9884-0A0B0EE698BB/Exchange_Protocols.zip">http://download.microsoft.com/download/5/D/D/5DD33FDF-91F5-496D-9884-0A0B0EE698BB/Exchange_Protocols.zip</a>	Download all protocols in a single (large) ZIP file
<b>Find downloads to specific, individual Exchange Server Protocols .pdf files</b> <a href="http://www.microsoft.com/downloads/details.aspx?FamilyId=A9AAE935-AD23-4117-A3D9-9ED6093D6D7F&amp;displaylang=en">http://www.microsoft.com/downloads/details.aspx?FamilyId=A9AAE935-AD23-4117-A3D9-9ED6093D6D7F&amp;displaylang=en</a>	Details page from where you can download individual protocol files

- For more support, see the following forums:

Reference	Details
<b>Open Specifications Forum Group:</b> <a href="http://go.microsoft.com/fwlink/?LinkId=111125">http://go.microsoft.com/fwlink/?LinkId=111125</a>	Participate in the top-level forum group.

Reference	Details
<b>Using the Open Specifications:</b> <a href="http://go.microsoft.com/fwlink/?LinkId=111122">http://go.microsoft.com/fwlink/?LinkId=111122</a>	Ask questions about the Open Specification documents, their organization, language conventions, and references.
<b>Windows Protocols:</b> <a href="http://go.microsoft.com/fwlink/?LinkId=111123">http://go.microsoft.com/fwlink/?LinkId=111123</a>	Discuss technical content and implementation of the Windows protocols described in the Open Specifications.
<b>File Services:</b> <a href="http://go.microsoft.com/fwlink/?LinkId=111124">http://go.microsoft.com/fwlink/?LinkId=111124</a>	Discuss technical content and implementation of Server Message Block (SMB) protocols described in the Open Specifications.
<b>Using the Office Protocols:</b> <a href="http://go.microsoft.com/fwlink/?LinkId=112502">http://go.microsoft.com/fwlink/?LinkId=112502</a>	Discuss technical content and implementation of the Office protocols described in the Open Specifications.
<b>Using the Exchange Server Protocols:</b> <a href="http://go.microsoft.com/fwlink/?LinkId=113883">http://go.microsoft.com/fwlink/?LinkId=113883</a>	Discuss technical content and implementation of the Exchange Server and Outlook protocols described in the Open Specifications.
<b>Using the SharePoint Products and Technologies Protocols:</b> <a href="http://go.microsoft.com/fwlink/?LinkId=115477">http://go.microsoft.com/fwlink/?LinkId=115477</a>	Discuss technical content and implementation of the SharePoint Products and Technologies protocols described in the Open Specifications.
<b>Office Binary File Formats:</b> <a href="http://go.microsoft.com/fwlink/?LinkId=117117">http://go.microsoft.com/fwlink/?LinkId=117117</a>	Discuss technical content and implementation of the Office binary file formats described in the Open Specifications.
<b>Using the Microsoft SQL Server Protocols:</b> <a href="http://go.microsoft.com/fwlink/?LinkId=115249">http://go.microsoft.com/fwlink/?LinkId=115249</a>	Discuss technical content and implementation of the Microsoft SQL Server protocols described in the Open Specifications.
<b>Using the Microsoft VBA Language specifications:</b> <a href="http://go.microsoft.com/fwlink/?LinkId=121751">http://go.microsoft.com/fwlink/?LinkId=121751</a>	Discuss technical content and implementation of the Microsoft VBA language specifications described in the Open Specifications.
<b>Documentation on Standards:</b> <a href="http://go.microsoft.com/fwlink/?LinkId=129153">http://go.microsoft.com/fwlink/?LinkId=129153</a>	Discuss technical content and implementation of certain standards as they are implemented in Microsoft's high-volume products.
<b>Office Open Document Format Implementation:</b> <a href="http://go.microsoft.com/fwlink/?LinkId=140401">http://go.microsoft.com/fwlink/?LinkId=140401</a>	Discuss technical content and implementation of the Office implementation of the ODF 1.1 standard.
<b>Interoperability Scenarios: Technical Questions:</b> <a href="http://go.microsoft.com/fwlink/?LinkId=146298">http://go.microsoft.com/fwlink/?LinkId=146298</a>	Discuss implementation of technical scenarios around interoperability.