

[MS-REF]: Windows Protocols Master Reference

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Revision Summary

Date	Revision History	Revision Class	Comments
03/14/2007	1.0	Major	Updated and revised the technical content.
04/10/2007	1.1	Minor	Updated the technical content.
05/18/2007	1.2	Minor	Added additional references
06/08/2007	1.2.1	Editorial	Revised and edited the technical content.
07/10/2007	1.7	Minor	Updated the technical content.
08/17/2007	1.8	Minor	Monthly Release
09/21/2007	1.9	Minor	Updated the technical content.
10/26/2007	2.0	Minor	Monthly Release
01/25/2008	2.1	Minor	Updated the technical content.
03/14/2008	2.2	Minor	Updated the technical content.
06/20/2008	2.3	Minor	Updated the technical content.
07/25/2008	2.4	Minor	Updated the technical content.
08/29/2008	2.5	Minor	Updated the technical content.
10/24/2008	2.6	Minor	Updated the technical content.
12/05/2008	2.7	Minor	Updated the technical content.
01/16/2009	2.8	Minor	Updated the technical content.
02/27/2009	2.8.1	Editorial	Revised and edited the technical content.
04/10/2009	3.0	Major	Updated and revised the technical content.
05/22/2009	4.0	Major	Updated and revised the technical content.
07/02/2009	5.0	Major	Updated and revised the technical content.
08/14/2009	6.0	Major	Updated and revised the technical content.
09/25/2009	7.0	Major	Updated and revised the technical content.
11/06/2009	8.0	Major	Updated and revised the technical content.
12/18/2009	9.0	Major	Updated and revised the technical content.
01/29/2010	10.0	Major	Updated and revised the technical content.
03/12/2010	11.0	Major	Updated and revised the technical content.
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Date	Revision History	Revision Class	Comments
06/04/2010	13.0	Major	Updated and revised the technical content.
07/16/2010	14.0	Major	Significantly changed the technical content.
08/27/2010	15.0	Major	Significantly changed the technical content.
10/08/2010	16.0	Major	Significantly changed the technical content.
11/19/2010	17.0	Major	Significantly changed the technical content.
01/07/2011	18.0	Major	Significantly changed the technical content.
02/11/2011	19.0	Major	Significantly changed the technical content.

Contents

1 Support	5
2 External References	6
3 Internal References	51
4 Change Tracking.....	65

1 Support

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If reference is in [MS-SYS] section 2, see [MS-DTYP].

If reference is in [MS-SYS] section 3 through 3.4, see the second reference for [MS-SYS].

If reference is in [MS-SYS] section 3.6, see [MS-LCID].

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4 Change Tracking

This section identifies changes that were made to the [MS-REF] protocol document between the January 2011 and February 2011 releases. Changes are classified as New, Major, Minor, Editorial, or No change.

The revision class **New** means that a new document is being released.

The revision class **Major** means that the technical content in the document was significantly revised. Major changes affect protocol interoperability or implementation. Examples of major changes are:

- A document revision that incorporates changes to interoperability requirements or functionality.
- An extensive rewrite, addition, or deletion of major portions of content.
- The removal of a document from the documentation set.
- Changes made for template compliance.

The revision class **Minor** means that the meaning of the technical content was clarified. Minor changes do not affect protocol interoperability or implementation. Examples of minor changes are updates to clarify ambiguity at the sentence, paragraph, or table level.

The revision class **Editorial** means that the language and formatting in the technical content was changed. Editorial changes apply to grammatical, formatting, and style issues.

The revision class **No change** means that no new technical or language changes were introduced. The technical content of the document is identical to the last released version, but minor editorial and formatting changes, as well as updates to the header and footer information, and to the revision summary, may have been made.

Major and minor changes can be described further using the following change types:

- New content added.
- Content updated.
- Content removed.
- New product behavior note added.
- Product behavior note updated.
- Product behavior note removed.
- New protocol syntax added.
- Protocol syntax updated.
- Protocol syntax removed.
- New content added due to protocol revision.
- Content updated due to protocol revision.
- Content removed due to protocol revision.
- New protocol syntax added due to protocol revision.

- Protocol syntax updated due to protocol revision.
- Protocol syntax removed due to protocol revision.
- New content added for template compliance.
- Content updated for template compliance.
- Content removed for template compliance.
- Obsolete document removed.

Editorial changes are always classified with the change type **Editorially updated**.

Some important terms used in the change type descriptions are defined as follows:

- **Protocol syntax** refers to data elements (such as packets, structures, enumerations, and methods) as well as interfaces.
- **Protocol revision** refers to changes made to a protocol that affect the bits that are sent over the wire.

The changes made to this document are listed in the following table. For more information, please contact protocol@microsoft.com.

Section	Tracking number (if applicable) and description	Major change (Y or N)	Change type
2 External References	Added [MSDN-WAIM] .	Y	Content updated.
2 External References	Updated [IEEE1394] to [IEEE1394-2008].	Y	Content updated.
2 External References	Added [ANSI/INCITS-397-2005], [ANSI/INCITS-451-2008], [ANSI/INCITS-457-2010], [IEEE-SSA], [MSDN-PROCRIGHTS], [MSDN-TOKENRIGHTS] and [SATA-3.0].	Y	Content updated.
2 External References	Added [MSDN-ProcessTrace] and deleted [NetBIOSUFFIX].	Y	Content updated.
2 External References	Added [MSDN-AccessCheck], [MSDN-DEVAPROV], [MSDN-EVENT_HEADER] and [MSDN-EVENT_DESCRIPTOR].	Y	Content updated.
2 External References	Added [ECMA-119], [MSDN-CoCreateInstance], [MSDN-CoCreateInstanceEx], [MSDN-CompactVirtualDisk], [MSDN-DynamicDisks], [MSDN-EFFS], [MSDN-ExpandVirtualDisk], [MSDN-MergeVirtualDisk], [MSDN-RCMWin32_TSRCS], [MSDN-STRGEDEVNUM], [MSDN-VIRTDSKACCMASK], [MSFT-WSM/WEDWNK] and [OSTA-UDFS].	Y	Content updated.
2 External	Added [MSDN-EVTLGCHWINEVTLG].	Y	Content updated.

Section	Tracking number (if applicable) and description	Major change (Y or N)	Change type
References			
2 External References	Added [MSDN-WPTRACE].	Y	Content updated.
2 External References	Added [MSDN-APPSNAPIN] and [MSDN-PROPSHEETEXTS].	Y	Content updated.
2 External References	Added [KB102873] and [JEDEC-MO227-A].	Y	Content updated.
2 External References	Added [MSDN-EventCallback].	Y	Content updated.
2 External References	Added [MSDN-CERTCERTSTR].	Y	Content updated.
3 Internal References	Deleted [MS-RAIW].	Y	Content updated.