

[MS-FASP]: Firewall and Advanced Security Protocol

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Errata are subject to the same terms as the Open Specifications documentation referenced.

Errata below are for Protocol Document Version [V22.1 - 2015/10/16](#).

Errata Published*	Description
2016/06/27	<p>In two sections, added content for some FW_RULE_FLAGS values that indicates support by Windows Server versions to specify that they not be used for schema versions 0x0200 and 0x0201.</p> <p>In Section 2.2.34, 2.2.34 FW_RULE_FLAGS, included the following statement for the descriptions of 5 flags: For schema versions 0x0200 and 0x0201, this value is invalid and MUST NOT be used.</p> <p>The 5 flags are: FW_RULE_FLAGS_AUTH_WITH_NO_ENCAPSULATION, FW_RULE_FLAGS_AUTH_WITH_ENC_NEGOTIATE, FW_RULE_FLAGS_ROUTEABLE_ADDRS_TRAVERSE_DEFER_APP, FW_RULE_FLAGS_ROUTEABLE_ADDRS_TRAVERSE_DEFER_USER, and FW_RULE_FLAGS_AUTHENTICATE_BYPASS_OUTBOUND</p> <p>In Section 6, Appendix A: Full IDL, changed from:</p> <pre>FW_RULE_FLAGS_LOOSE_SOURCE_MAPPED = 0x00010, // This is the new "NoEncapsulation" flag in Win7. FW_RULE_FLAGS_AUTH_WITH_NO_ENCAPSULATION = 0x0020, // These are the new flags added for SSP in Win 7.</pre> <p>Changed to:</p> <pre>FW_RULE_FLAGS_LOOSE_SOURCE_MAPPED = 0x00010, // This is the new "NoEncapsulation" flag in Windows 7 and Windows Server 2008 R2. FW_RULE_FLAGS_AUTH_WITH_NO_ENCAPSULATION = 0x0020, // These are the new flags added for SSP in Windows 7 and Windows Server 2008 R2.</pre> <p>Changed from:</p> <pre>FW_RULE_FLAGS_AUTHENTICATE_BYPASS_OUTBOUND = 0x0200, // This is the new flag in Windows 8 to allow profile crossings for clusters. FW_RULE_FLAGS_ALLOW_PROFILE_CROSSING = 0x0400, // This is the new flag in Windows 8 to allow LOM on flows.</pre> <p>Changed to:</p> <pre>FW_RULE_FLAGS_AUTHENTICATE_BYPASS_OUTBOUND = 0x0200,</pre>

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	<p>// This is the new flag in Windows 8 and Windows Server 2012 to allow profile crossings // for clusters.</p> <p>FW_RULE_FLAGS_ALLOW_PROFILE_CROSSING = 0x0400,</p> <p>// This is the new flag in Windows 8 and Windows Server 2012 to allow LOM on flows.</p>
2016/01/25	<p>In Section 4.2, Adding a Firewall Rule, changed the definitions of wide character string literals by assigning an L before each of them.</p> <p>Changed from:</p> <pre> WCHAR* wszName = "Web server requests"; WCHAR* wszDescription = "This rule allows incoming HTTP server requests"; WCHAR* wszLocalApplication = "c:\servers\MyWebServer.exe"; WCHAR* wszLocalService = "WebServerSVC"; </pre> <p>Changed to:</p> <pre> WCHAR* wszName = L"Web server requests"; WCHAR* wszDescription = L"This rule allows incoming HTTP server requests"; WCHAR* wszLocalApplication = L"c:\servers\MyWebServer.exe"; WCHAR* wszLocalService = L"WebServerSVC"; </pre>
2016/01/25	<p>In two sections, corrected the descriptions of the ppAuth parameter of RRPC_FWEnumAuthenticationSets2_10 and the ppCryptoSets parameter of RRPC_FWEnumCryptoSets2_10 to describe them as output parameters rather than input parameters.</p> <p>In Section 3.1.4.55, RRPC_FWEnumAuthenticationSets2_10 (Opnum 54), changed from:</p> <p>ppAuth: This parameter represents the authentication set that the client adds to the store. The set MUST be valid, as specified in the definition of the FW_AUTH_SET2_10 data type.</p> <p>Changed to:</p> <p>ppAuth: This is an output parameter that, on success, contains a linked list of FW_AUTH_SET2_10 data types.</p> <p>In Section 3.1.4.58, RRPC_FWEnumCryptoSets2_10 (Opnum 57), changed from:</p> <p>ppCryptoSets: This parameter represents the authentication set that the client adds to the store. The set MUST be valid, as specified in the definition of the FW_AUTH_SET data type.</p> <p>Changed to:</p> <p>ppCryptoSets: This is an output parameter that, on success, contains a linked list of FW_CRYPTO_SET data types.</p>
2015/10/26	<p>In Section 3.1.4.5, RRPC_FWSetGlobalConfig (Opnum 4), corrected the description of the dwBufSize parameter.</p> <p>Changed from:</p> <p>dwBufSize: This parameter is the size of the buffer to which the <i>pBuffer</i> parameter points.</p>

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	<p>Changed to:</p> <p>dwBufSize: This parameter is the size of the buffer to which the <i>lpBuffer</i> parameter points.</p> <p>In Section 3.1.4.12, RRPC_FWSetConfig (Opnum 11), corrected the descriptions of the configID and Profile parameters.</p> <p>Changed from:</p> <p>configID: This parameter specifies the specific profile configuration option the client is interested in retrieving.</p> <p>Profile: This parameter specifies from which specific profile this value MUST be retrieved.</p> <p>Changed to:</p> <p>configID: This parameter specifies the specific profile configuration option the client wants to modify.</p> <p>Profile: This parameter specifies in which specific profile this value MUST be written.</p> <p>In Section 4.3, Enumerating the Firewall Rules, corrected the example.</p> <p>Changed from:</p> <pre> ... FW_RULE_STATUS_CLASS_OK FW_RULE_STATUS_CLASS_PARTIALLY_IGNORED, [in] DWORD dwProfileFilter, FW_PROFILE_TYPE_CURRENT, ... </pre> <p>Changed to:</p> <pre> FW_RULE_STATUS_CLASS_OK FW_RULE_STATUS_CLASS_PARTIALLY_IGNORED, [in] DWORD dwProfileFilter =FW_PROFILE_TYPE_CURRENT, </pre>

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* Date format: YYYY/MM/DD