

[MS-RSVD]: Remote Shared Virtual Disk Protocol

This topic lists the Errata found in [MS-RSVD] since it was last published. Since this topic is updated frequently, we recommend that you subscribe to these RSS or Atom feeds to receive update notifications.



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

Errata below are for Protocol Document Version [V9.0 – 2016/09/26](#).

Errata Published*	Description
2016/11/07	<p>In Section 2.2.3, Error Code, the description for STATUS_SVHDX_VERSION_MISMATCH has been changed from:</p> <p>Protocol version in request is not equal to 1.</p> <p>Changed to:</p> <p>Protocol version in request is not equal to 0x00000001 or 0x00000002.</p>
2016/11/07	<p>In Section 2.2.4.16, SVHDX_SHARED_VIRTUAL_DISK_SUPPORT_RESPONSE Structure, the constant SharedVirtualDiskCDPSnapshotsSupported has been renamed SharedVirtualDiskSnapshotsSupported and the description changed from:</p> <p>The server supports shared virtual disks and continuous data protection (log-based) snapshots.</p> <p>Changed to:</p> <p>The server supports shared virtual disks and all snapshot types defined in section 2.2.6.</p> <p>In Section 3.1.4.11, Application Requests Querying Shared Virtual Disk Support, the second paragraph has been changed from:</p> <p>The client MUST call the interface specified in [MS-SMB2] section 3.2.4.20.11, supplying the following input parameters:</p> <p>Changed to:</p> <p>The client MUST send an SVHDX_SHARED_VIRTUAL_DISK_SUPPORT_REQUEST structure, specified in section 2.2.4.15, by calling the interface specified in [MS-SMB2] section 3.2.4.20.11, supplying the following input parameters:</p> <p>In Section 3.2.5.6, Receiving a Query Shared Virtual Disk Support Request, the following paragraphs were changed from:</p>

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	<p>If IsSVHDXSupported is TRUE, the server MUST set SharedVirtualDiskSupport to 1. Otherwise, the server SHOULD<19> set SharedVirtualDiskSupport to 0.</p> <p>If ServerServiceVersion is equal to RSVD Protocol version 1(0x00000001), the server MUST set SharedVirtualDiskSupport to SharedVirtualDisksSupported. If ServerServiceVersion is equal to RSVD Protocol version 2(0x00000002), the server MUST set SharedVirtualDiskSupport to SharedVirtualDiskCDPSnapshotsSupported. Otherwise, the server MUST fail the request with STATUS_INVALID_PARAMETER.</p> <p>The server MUST search the OpenTable where Open.FileName matches the file name.</p> <p>If no Open is found, the server MUST set SharedVirtualDiskHandleState to HandleStateNone.</p> <p>If any Open is found for which Open.LocalOpen matches the application-provided handle, the server MUST set SharedVirtualDiskHandleState to HandleStateShared.</p> <p>Otherwise, the server MUST set SharedVirtualDiskHandleState to HandleStateFileShared.</p> <p><19> Section 3.2.5.6: Windows Server 2012 R2 always sets SharedVirtualDiskSupport to 1.</p> <p>Changed to:</p> <p>The server MUST construct an SVHDX_SHARED_VIRTUAL_DISK_SUPPORT_RESPONSE structure, as specified in section 2.2.4.16, with the following values:</p> <ul style="list-style-type: none"> • If ServerServiceVersion is equal to RSVD Protocol version 1(0x00000001), the server MUST set the SharedVirtualDiskSupport field of the response to SharedVirtualDisksSupported. If ServerServiceVersion is equal to RSVD Protocol version 2(0x00000002), the server MUST set the SharedVirtualDiskSupport field of the response to SharedVirtualDiskSnapshotsSupported. • The server MUST search the OpenTable where Open.FileName matches the file name. If no Open is found, the server MUST set the SharedVirtualDiskHandleState field of the response to HandleStateNone. If any Open is found for which Open.LocalOpen matches the application-provided handle, the server MUST set the SharedVirtualDiskHandleState field of the response to HandleStateShared. Otherwise, the server MUST set the SharedVirtualDiskHandleState field of the response to HandleStateFileShared.
2016/11/07	<p>In Section 3.2.5.1, Receiving an Open Request, the fourth paragraph has been changed from:</p> <p>If ServerServiceVersion is RSVD Protocol version 1 and if the first 4 bytes, interpreted as little-endian, of the received context is not 0x00000001, the server MUST fail the request with STATUS_INVALID_PARAMETER.</p> <p>Changed to:</p> <p>If ServerServiceVersion is RSVD Protocol version 1 and if the first 4 bytes, interpreted as little-endian, of the received context is not 0x00000001, the server SHOULD<8> fail the request with STATUS_INVALID_PARAMETER.</p> <p><8> Section 3.2.5.1: Windows Server 2012 R2 without [MSKB-3025091] fail the operation with status code zero (0x00000000).</p> <p>The 11th paragraph has been changed from:</p> <p>If ServerServiceVersion is RSVD Protocol version 1 the server MUST construct a SVHDX_OPEN_DEVICE_CONTEXT_RESPONSE structure by setting all the fields to their</p>

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	<p>respective values received in the request, and the server SHOULD<11> return the constructed SVHDX_OPEN_DEVICE_CONTEXT_RESPONSE and STATUS_SUCCESS to the client.</p> <p>Changed to:</p> <p>If ServerServiceVersion is RSVD Protocol version 1 and the first 4 bytes, interpreted as little-endian, of the received context is 0x00000001, the server MUST construct a SVHDX_OPEN_DEVICE_CONTEXT_RESPONSE structure by setting all the fields to their respective values received in the request, and the server SHOULD<11> return the constructed SVHDX_OPEN_DEVICE_CONTEXT_RESPONSE and STATUS_SUCCESS to the client.</p>

*Date format: YYYY/MM/DD