[MS-RSVD]: Remote Shared Virtual Disk Protocol

<table>
<tr><td colspan="2">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.</td><td>**RSS**
Atom</td></tr>
</table>

Errata below are for Protocol Document Version V5.0 – 2015/06/30.

Errata Published*	Description
2015/09/28	In Section 3.2.5.5.7.1, Receiving a Create Snapshot Request, updated the request processing steps when the server receives a Create Snapshot request. Changed from: The server MUST construct an SVHDX_META_OPERATION_REPLY structure as specified in section 2.2.4.18, with the following values: The SVHDX_TUNNEL_OPERATION_HEADER MUST be initialized as follows: - The OperationCode field MUST be set to the OperationCode value of the request. - The Status field MUST be set to STATUS_SUCCESS. - The RequestId field MUST be set to the value received in the request. The SVHDX_META_OPERATION_REPLY structure MUST be initialized as follows: - The ChangeTrackingErrorStatus field MUST be set to the value received from the virtual SCSI disk. The server MUST send the constructed SVHDX_META_OPERATION_REPLY structure to the client. Changed to: The server MUST construct an SVHDX_TUNNEL_OPERATION_HEADER structure as specified in section 2.2.4.11, with the following values: - The OperationCode field MUST be set to the OperationCode value of the request. - The RequestId field MUST be set to the value received in the request. - The Status field MUST be set to the status returned by the virtual SCSI disk. If the SnapshotType is SvhdxSnapshotTypeCDP, the server MUST append an SVHDX_META_OPERATION_REPLY structure to the SVHDX_TUNNEL_OPERATION_HEADER in response, as specified in section 2.2.4.18, with the following values: - The ChangeTrackingErrorStatus field MUST be set to one of the change-tracking status values specified in section 2.2.4.18; this value is received from the virtual SCSI disk, indicating any error in the change tracking. The server MUST send the response to the client.
2015/09/14	In Section 3.2.5.1, Receiving an Open Request, corrected the information on how the 'STATUS_VHD_SHARED' error code is used. Changed from: If the OriginatorFlags field in the request is set to SVHDX_ORIGINATOR_VHDMP, the server MUST pass the request to the underlying object store to open the file with read and write

Errata Published*	Description
	access permissions. If the underlying object store fails with STATUS_SHARING_VIOLATION, the server MUST fail the request with STATUS_VHD_SHARED. Changed to: If the OriginatorFlags field in the request is set to SVHDX_ORIGINATOR_VHDMP, the server MUST search the OpenTable where Open.FileName matches the file name. If an Open is found, the server MUST fail the request with STATUS_VHD_SHARED. Otherwise, the server MUST pass the request to the underlying object store to open the file with read and write access permissions.
2015/08/03	In 2 sections, clarified the values for the SharedVirtualDiskSupport field and the settings when the server must set SharedVirtualDiskSupport to SharedVirtualDiskCDPSnapshotsSupported. In Section 2.2.4.16, SVHDX_SHARED_VIRTUAL_DISK_SUPPORT_RESPONSE Structure, changed from: SharedVirtualDiskSupport (4 bytes): This field is used to indicate the capabilities supported by the server. This field MUST contain one of the following values.

<table>
<tr><th>Value</th><th>Meaning</th></tr>
<tr><td>SharedVirtualDiskSupported

0x00000001</td><td>The server supports shared virtual disks.</td></tr>
<tr><td>SharedVirtualDiskVer2OperationsSupported

0x00000003</td><td>The server supports shared virtual disks and version 2 operations.</td></tr>
</table>

Changed to:

SharedVirtualDiskSupport (4 bytes): This field is used to indicate the capabilities supported by the server. This field MUST contain one of the following values.

<table>
<tr><th>Value</th><th>Meaning</th></tr>
<tr><td>SharedVirtualDiskSupported

0x00000001</td><td>The server supports shared virtual disks.</td></tr>
<tr><td>SharedVirtualDiskCDPSnapshotsSupported

0x00000007</td><td>The server supports shared virtual disks and continuous data protection (log-based) snapshots</td></tr>
</table>

In Section, 3.2.5.6, Receiving a Query Shared Virtual Disk Support Request, changed from:

If ServerServiceVersion is equal to RSVD Protocol version 1(0x00000001), the server MUST set SharedVirtualDiskSupport to SharedVirtualDiskSupported. Otherwise the server MUST set SharedVirtualDiskSupport to SharedVirtualDiskVer2OperationsSupported.

Changed to:

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.

*Date format: YYYY/MM/DD