

## [MS-WSUSOD]: Windows Server Update Services Protocols Overview

This topic lists the Errata found in [MS-WSUSOD] 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 [V6.0 – 2016/09/26](#).

Errata Published*	Description
2017/04/03	<p>In this overview document, the text and diagrams in three of the examples were updated to indicate that self-updating functionality is dependent on product version, and is optional for the rest of the example.</p> <p>In Section 3.3, Example 3: Initial Update Synchronization to Update Client, changed from:</p>

Errata Published*	Description
	<div data-bbox="389 273 1445 1554" data-label="Diagram"> <pre> sequenceDiagram     participant CMT as Client Management Tool     participant UClient as Update Client (Update Synchronization Component)     participant UServer as Update Server      CMT --&gt; UClient     UClient-&gt;&gt;UServer: 1. HTTP GETs (for self-update)     UServer--&gt;&gt;UClient:      UClient-&gt;&gt;UServer: 2. GetConfig     UServer--&gt;&gt;UClient:      UClient-&gt;&gt;UServer: 3. GetAuthorizationCookie     UServer--&gt;&gt;UClient:      UClient-&gt;&gt;UServer: 4. GetCookie     UServer--&gt;&gt;UClient:      UClient-&gt;&gt;UServer: 5. RegisterComputer     UServer--&gt;&gt;UClient:      UClient-&gt;&gt;UServer: 6. SyncUpdates (software)*     UServer--&gt;&gt;UClient:      UClient-&gt;&gt;UServer: 7. SyncUpdates (driver)     UServer--&gt;&gt;UClient:      UClient-&gt;&gt;UServer: 8. GetExtendedUpdateInfo (optional)     UServer--&gt;&gt;UClient:      UClient-&gt;&gt;UServer: 9. GetExtendedUpdateInfo2 (optional)     UServer--&gt;&gt;UClient:      UClient-&gt;&gt;UServer: 10. GetFileLocations (optional)     UServer--&gt;&gt;UClient:      UClient-&gt;&gt;UServer: 11. ReportEventBatch     UServer--&gt;&gt;UClient:  </pre> </div> <p data-bbox="386 1585 727 1617">The message flow is as follows:</p> <ol data-bbox="386 1621 1453 1732" style="list-style-type: none"> <li>1. The update client makes a series of HTTP GET requests to determine the availability of applicable update client software. If applicable update client software is available, it downloads the software using HTTP GET requests and updates itself. The message details are specified in [MS-WUSP] section 3.1.5.1.</li> </ol> <p data-bbox="386 1738 414 1764">...</p> <p data-bbox="386 1795 519 1827">Changed to:</p>

Errata Published*	Description
	<div data-bbox="391 275 1442 1556" data-label="Diagram"> <pre> sequenceDiagram     participant CMT as Client Management Tool     participant UCC as Update Client (Update Synchronization Component)     participant US as Update Server      CMT-&gt;&gt;UCC     UCC-&gt;&gt;US: 1. HTTP GETs (for self-update) (optional)     US--&gt;&gt;UCC:      UCC-&gt;&gt;US: 2. GetConfig     US--&gt;&gt;UCC:      UCC-&gt;&gt;US: 3. GetAuthorizationCookie     US--&gt;&gt;UCC:      UCC-&gt;&gt;US: 4. GetCookie     US--&gt;&gt;UCC:      UCC-&gt;&gt;US: 5. RegisterComputer     US--&gt;&gt;UCC:      UCC-&gt;&gt;US: 6. SyncUpdates (software)*     US--&gt;&gt;UCC:      UCC-&gt;&gt;US: 7. SyncUpdates (driver)     US--&gt;&gt;UCC:      UCC-&gt;&gt;US: 8. GetExtendedUpdateInfo (optional)     US--&gt;&gt;UCC:      UCC-&gt;&gt;US: 9. GetExtendedUpdateInfo2 (optional)     US--&gt;&gt;UCC:      UCC-&gt;&gt;US: 10. GetFileLocations (optional)     US--&gt;&gt;UCC:      UCC-&gt;&gt;US: 11. ReportEventBatch     US--&gt;&gt;UCC:  </pre> </div> <p data-bbox="386 1583 727 1612">The message flow is as follows:</p> <ol data-bbox="386 1619 1442 1724" style="list-style-type: none"> <li>(Optional) The update client makes a series of HTTP GET requests to determine the availability of applicable update client software. If applicable update client software is available, it downloads the software using HTTP GET requests and updates itself. The message details are specified in [MS-WUSP] section 3.1.5.1.&lt;2&gt;</li> </ol> <p data-bbox="386 1766 1325 1795">&lt;2&gt; Section 3.3: Self-update functionality is only available in Windows 8.1 and earlier.</p> <p data-bbox="386 1801 407 1831">...</p> <p data-bbox="386 1864 1419 1894">In Section 3.4, Example 4: Differential Update Synchronization to Update Client, changed from:</p>

Errata Published*	Description
	<div data-bbox="391 275 1448 1255" data-label="Diagram"> <pre> sequenceDiagram     participant CMT as Client Management Tool     participant UC as Update Client (Update Synchronization Component)     participant US as Update Server      CMT--&gt;&gt;UC     UC-&gt;&gt;US: 1. HTTP GETs (for self-update)     US--&gt;&gt;UC:      UC-&gt;&gt;US: 2. SyncUpdates (software)     US--&gt;&gt;UC:      UC-&gt;&gt;US: 3. SyncUpdates (driver)     US--&gt;&gt;UC:      UC-&gt;&gt;US: 4. GetExtendedUpdateInfo (optional)     US--&gt;&gt;UC:      UC-&gt;&gt;US: 5. GetExtendedUpdateInfo2 (optional)     US--&gt;&gt;UC:      UC-&gt;&gt;US: 6. GetFileLocations (optional)     US--&gt;&gt;UC:      UC-&gt;&gt;US: 7. ReportEventBatch     US--&gt;&gt;UC:  </pre> </div> <p data-bbox="386 1268 787 1293">This message sequence is as follows:</p> <ol data-bbox="386 1302 1421 1407" style="list-style-type: none"> <li>1. The update client makes a series of HTTP GET requests to determine the availability of applicable update client software. If so, it downloads the software using HTTP GET requests and updates itself. A differential update synchronization is less likely to find applicable update client software if a previous update synchronization was performed recently.</li> </ol> <p data-bbox="386 1446 521 1472">Changed to:</p>

Errata Published*	Description
	<div data-bbox="386 275 1446 1255" data-label="Diagram"> <pre> sequenceDiagram     participant CMT as Client Management Tool     participant UC as Update Client (Update Synchronization Component)     participant US as Update Server      CMT--&gt;&gt;UC     UC-&gt;&gt;US: 1. HTTP GETs (for self-update) (optional)     US--&gt;&gt;UC:      UC-&gt;&gt;US: 2. SyncUpdates (software)     US--&gt;&gt;UC:      UC-&gt;&gt;US: 3. SyncUpdates (driver)     US--&gt;&gt;UC:      UC-&gt;&gt;US: 4. GetExtendedUpdateInfo (optional)     US--&gt;&gt;UC:      UC-&gt;&gt;US: 5. GetExtendedUpdateInfo2 (optional)     US--&gt;&gt;UC:      UC-&gt;&gt;US: 6. GetFileLocations (optional)     US--&gt;&gt;UC:      UC-&gt;&gt;US: 7. ReportEventBatch     US--&gt;&gt;UC:  </pre> </div> <p data-bbox="386 1264 787 1289">This message sequence is as follows:</p> <ol data-bbox="386 1297 1446 1428" style="list-style-type: none"> <li>1. (Optional) The update client makes a series of HTTP GET requests to determine the availability of applicable update client software. If so, it downloads the software using HTTP GET requests and updates itself. The message details are specified in [MS-WUSP] section 3.1.5.1.&lt;3&gt; A differential update synchronization is less likely to find applicable update client software if a previous update synchronization was performed recently.</li> </ol> <p data-bbox="386 1465 1323 1493">&lt;3&gt; Section 3.4: Self-update functionality is only available in Windows 8.1 and earlier.</p> <p data-bbox="386 1507 407 1528">...</p> <p data-bbox="386 1566 1377 1593">In Section 3.6, Example 6: Update Client Is Pointed to a New Update Server, changed from:</p>

Errata Published*	Description
	<div data-bbox="389 273 1429 1543" data-label="Diagram"> <pre> sequenceDiagram     participant CMT as Client Management Tool     participant UCC as Update Client (Update Synchronization Component)     participant US as Update Server      CMT-&gt;&gt;UCC     UCC-&gt;&gt;US: 1. HTTP GETs (for self-update)     US--&gt;&gt;UCC:      UCC-&gt;&gt;US: 2. GetConfig     US--&gt;&gt;UCC:      UCC-&gt;&gt;US: 3. GetAuthorizationCookie     US--&gt;&gt;UCC:      UCC-&gt;&gt;US: 4. GetCookie     US--&gt;&gt;UCC:      UCC-&gt;&gt;US: 5. RegisterComputer     US--&gt;&gt;UCC:      UCC-&gt;&gt;US: 6. RefreshCache     US--&gt;&gt;UCC:      UCC-&gt;&gt;US: 7. GetFileLocations     US--&gt;&gt;UCC:      UCC-&gt;&gt;US: 8. SyncUpdates (software)     US--&gt;&gt;UCC:      UCC-&gt;&gt;US: 9. SyncUpdates (driver)     US--&gt;&gt;UCC:      UCC-&gt;&gt;US: 10. GetExtendedUpdateInfo (optional)     US--&gt;&gt;UCC:      UCC-&gt;&gt;US: 11. GetExtendedUpdateInfo2 (optional)     US--&gt;&gt;UCC:      UCC-&gt;&gt;US: 12. GetFileLocations (optional)     US--&gt;&gt;UCC:      UCC-&gt;&gt;US: 13. ReportEventBatch     US--&gt;&gt;UCC:  </pre> </div> <p data-bbox="389 1564 1429 1753"> The message flow is as follows:  1. The update client makes a series of HTTP GET requests to the update server to synchronize metadata to the client.  ...  Changed to: </p>

Errata Published*	Description
	<div data-bbox="391 275 1421 1543" data-label="Diagram"> <pre> sequenceDiagram     participant CMT as Client Management Tool     participant UCC as Update Client (Update Synchronization Component)     participant US as Update Server      CMT-&gt;&gt;UCC     UCC-&gt;&gt;US: 1. HTTP GETs (for self-update) (optional)     US--&gt;&gt;UCC:      UCC-&gt;&gt;US: 2. GetConfig     US--&gt;&gt;UCC:      UCC-&gt;&gt;US: 3. GetAuthorizationCookie     US--&gt;&gt;UCC:      UCC-&gt;&gt;US: 4. GetCookie     US--&gt;&gt;UCC:      UCC-&gt;&gt;US: 5. RegisterComputer     US--&gt;&gt;UCC:      UCC-&gt;&gt;US: 6. RefreshCache     US--&gt;&gt;UCC:      UCC-&gt;&gt;US: 7. GetFileLocations     US--&gt;&gt;UCC:      UCC-&gt;&gt;US: 8. SyncUpdates (software)     US--&gt;&gt;UCC:      UCC-&gt;&gt;US: 9. SyncUpdates (driver)     US--&gt;&gt;UCC:      UCC-&gt;&gt;US: 10. GetExtendedUpdateInfo (optional)     US--&gt;&gt;UCC:      UCC-&gt;&gt;US: 11. GetExtendedUpdateInfo2 (optional)     US--&gt;&gt;UCC:      UCC-&gt;&gt;US: 12. GetFileLocations (optional)     US--&gt;&gt;UCC:      UCC-&gt;&gt;US: 13. ReportEventBatch     US--&gt;&gt;UCC:  </pre> </div> <p data-bbox="391 1570 727 1598">The message flow is as follows:</p> <ol data-bbox="391 1604 1437 1707" style="list-style-type: none"> <li>1. (Optional) The update client makes a series of HTTP GET requests to determine the availability of applicable update client software. If applicable update client software is available, it downloads the software using HTTP GET requests and updates itself. The message details are specified in [MS-WUSP] section 3.1.5.1. &lt;4&gt;</li> </ol> <p data-bbox="391 1749 1323 1776">&lt;4&gt; Section 3.6: Self-update functionality is only available in Windows 8.1 and earlier.</p> <p data-bbox="391 1791 414 1812">...</p>

\* Date format: YYYY/MM/DD