

PeerSync, Peer-To-Peer Folder Synchronization Utility, Version 8.0.1

To upgrade, double-click on the installation file (ps80.exe) in the Explorer window, or choose "Run" from the Start Menu and then select the application.

If you are upgrading the current version of PeerSync (7.4 to 8.0) simply install the application over your existing PeerSync and the previous version will be backed up in a sub-folder called 'BACKUP' (if the option to keep a backup is selected during the installation).

If you are evaluating a new version of PeerSync 8.0 and you already have an existing copy of PeerSync 7.4 or older, please select a new directory during the installation.

Note: For more information on the latest features and how to implement specific scenarios please go to: <http://www.peersoftware.com/support/peersync.aspx>

Enhanced Scanning

ID	DESCRIPTION
1111	<p>Resolved the following issues which caused PeerSync to hang and/or become slow when using the Enhanced Scanning option:</p> <ul style="list-style-type: none"> • Fixed a memory leak which would increase memory usage with each dynamic Job created • Fixed performance degradation (slow scan times) with each dynamic Job created during an Enhanced Scan • Fixed performance degradation (slower and slower scan times) with each scan run • Fixed possible overlap of Jobs (same Job running multiple times) which may cause PeerSync to freeze/hang • Decreased the base memory usage of PeerSync

Performance

ID	DESCRIPTION
1114	<p>NEW! Improved performance when adding Jobs to the Job queue which will increase speed under the following conditions:</p> <ul style="list-style-type: none"> • Profiles with lots of Jobs and/or aggressive scanning cycles • Enhanced Scanning • Real-time Scan Jobs created via Folder additions • Any combination of the above
1115	<p>NEW! Improved performance and memory usage for each Job Thread.</p>
1122	<p>NEW! Added an option to revert to v7.4.5. performance. In version 8.0 PeerSync will</p>

	<p>use more CPU when there are pending events even if there are no Copy and/or Job threads running. To revert to using more CPU only when there are Copy and/or Job thread running use the following argument:</p> <p>/QYPNE (Ignore Optimizing CPU when there are pending events)</p> <p>Also the following arguments are available when there are Jobs in a Blackout:</p> <p>/QYPIB (Optimize CPU when there are pending events ignoring some Jobs in Blackout)</p> <p>/QYPIBA (Optimize CPU when there are pending events ignoring all Jobs in Blackout)</p>
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Restart and/or Saved Events

ID	DESCRIPTION
1118	<p>Resolved an issue where "stale" scans will no longer be processed on restart. For example, if a Job was in the middle of a scan at the time of restart/close, PeerSync stores out that a scan is needed on restart. On restart, should the option to "Scan once at start" be disabled, PeerSync will now ignore the stored out scan.</p> <ul style="list-style-type: none"> Improved Enhanced Scanning restarts. On restart/close, with the Enhanced Scanning option, the shutdown of PeerSync was slow when there were a lot of dynamic Jobs. Fixed missed scans on restart. On restart/close, Job scan that were in the "building of folder list" stage of a scan were not being saved.
1133	Resolved an issue where in some environments Restarting and Running Failed Events/Scans would not work when connecting via a Remote Desktop session.

Synchronization

ID	DESCRIPTION
1128	Resolved an issue where some hidden ~PSFLDR files were not created with the Hidden and System attributes enabled.
1143	Fixed an issue where files with long paths (greater than 260 characters) were failing to transfer with the GFC, GFE, and GFS file copy methods.
1144	Resolved an issue where real-time folder deletes sporadically left behind empty folders on the target.
1147	Fixed an issue where PeerSync may fail to populate existing empty folders during a bi-directional pull if using the Exclude Empty Folders option.
1137	Improved the error message that is reported during File Compression when the file path exceeds 260 characters.

	<p>Example message: File length (FILELENGTH) exceeds 260 character limit allowed by compression routine. (Continuing with normal file copy): FILENAME</p> <p>Added a new argument /Q6:n (Zip File Character Length Limit) to modify the 260 character limit. Use /Q6:0 to turn off compression character limit check.</p>
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ByteReplicator

ID	DESCRIPTION
1146	<p>Resolved an issue where retries were not working when trying to update a source file with a target file during a bi-sync scan and the source file is not accessible.</p> <p>Example message: PSListener responded with - Update Failure [LockFiles] Error Opening Handle: PATH_ON_TARGET_TO_BE_SENT_TO_SOURCE (Incorrect function) (Continuing with normal file copy)</p>

FTP

ID	DESCRIPTION
1112	Resolved an issue where synchronizing to or from an FTP root was not working.
1141	Fixed an issue where FTP retries were not working in some scenarios.

Revisions

ID	DESCRIPTION
1129	<p>Fixed an issue where PeerSync would fail to report or log a message if it failed to create a Revision. In particular this occurred if the Revisions were set to be stored on a drive that did not exist. Will now report the following message when the revision path cannot be found:</p> <p>Cannot find revision path: REVPATH -- Using target path: TARGETPATH for revisions of: FILENAME</p>

Profiler/Display

ID	DESCRIPTION
1119	Fixed the Reprocess All and Reprocess Selected buttons on the "Job Stats/Copy Thread Progress" tab on the "PeerSync Status Display" to only be available if a scan is needed for the applicable selections.
1120	Fixed the splitter in the "Job Stats/Copy Thread Progress" tab in the "PeerSync Status Display" window to properly allow resizing of the two lists if both are displayed.
1121	Made the following Copy Thread Progress improvements:

	<p>Resolved an issue where the copy thread progress was using a start and duration time based on when the screen was first viewed. Entries could have invalid start and duration times if the screen was first accessed in the middle of the file transfer.</p> <ul style="list-style-type: none"> • Fixed an issue where the status for large files would not be updated for long periods of time. The progress would update every one second only if the percentage of the file transferred changed. It will now update every 3 seconds when the percentage of the file transferred has not changed. Otherwise it will update every one second the percentage of the file transferred has changed.
1130	Resolved an issue where the Profiler would hang when selecting the "Install as an NT Service" option if it exceeded the number of Remote Connection Licenses.
1131	The Deletion Cleanup Job is now disabled and ignored when the deletions folder is the Recycle Bin .
1136	Fixed an issue where installing or uninstalling the PeerLock service from the Profiler would cause the PeerSync service to be installed or removed.
1139	Resolved an issue where the Profiler would fail to resolve the %UserProfile% Environmental Variable when entered in any of the Folder Selection paths.
858	Fixed an issue where the "Folders" count would not increment when using the Enhanced Bi-Directional option.
897	Resolved an issue where the "Folder" count would not be accurate when using the "Move deleted files to an alternate location" option.

PSWizard

ID	DESCRIPTION
1126	Fixed an issue where clicking on the "Finish" or "Run Now" buttons in the PeerSync Wizard would cause the wizard to consume high amounts of memory and fail to launch the Profiler. Eventually an Out of memory message would be displayed and the process would require termination via the Task Manager.
1127	Resolved an issue where the PeerSync Wizard created v7.4 Profiles which would need to be converted to v8.0 by the Profiler later on.

Observer

ID	DESCRIPTION
1117	NEW! Improved communication with the PeerSync Observer. Previously PeerSync would continue sending status information to an Observer that was unavailable. This would cause the PeerSync Status Display to hang and/or not to update during attempts to send status information to the Observer. PeerSync will now log and remove any systems that are inaccessible from the list of Observer machines that will receive status updates.

Reporting

ID	DESCRIPTION
1113	Fixed an issue where additional target names were not set correctly.

1116	NEW! We now log the duration of a scan. An Elapsed Time entry will be logged at the end of a Job scan when running in a mode that does not display scan statistics.
1124	Resolved an issue where the checked counter was being reported as zero when using the "Move Files - Delete source file after successful copy to target" option.
1125	Fixed an issue where PeerSync would log an exclusion to the log file infinitely if the PeerSync log file resided inside any of the PeerSync watch folders.
1142	<p>Resolved an issue where some spaces would be missing during the reporting of some messages.</p> <p>Old: Cannot open source file (Added To Retry List): FTP:PATHThe process cannot access the file because it is being used by another process.</p> <p>New: Cannot open source file (Added To Retry List): FTP:PATH (The process cannot access the file because it is being used by another process.)</p>