Pre/Post Processes - Set a Blackout Period

Goal: To set a blackout period during the daily synchronization. This is a period in which the synchronization will stop and wait until the blackout period has expired according to the specified settings.

This would be a useful feature if you wish to stop all the synchronization activities during a particular time when the Network Bandwidth is busy with other activities (such as during working hours).

Following are the different Options available for this particular Argument:

BlackOutStayInMemory 1

This Option will store the synchronization information in memory. Once the Blackout period has expired it will pick up where it left off. This option will guarantee if PeerSync is in the middle of a scan at the time of a Blackout, once out of the blackout period it will pick up the scan where it left off.

BlackOutRealTime 2

This Option will blackout Real-Time Monitoring by writing the Real-Time Events occurred during the blackout period to an event file. This option works in conjunction with the BlackOutNoScanRT (below).

BlackOutNoScanRT 4

This Option will use all scans (Scan at Start, Interval, And Daily Timer) as a mechanism for processing event files. Event files will only be processed during non-blackout periods. ***When using this option no scanning will occur.***

Process Once 8

This Option will assure that PeerSync runs a scan at least once. When using the BlackOutNoScanRT with this option, PeerSync will make sure that the Source and Target are completely in sync before going into a Real-Time Mode.

SEE BELOW FOR THE DIFFERENT OPTIONS COMBINATIONS AND THEIR MEANING.

This argument is used in the Pre/Post Process Screen.

Use the following Format to setup a blackout time (0000 – 2359) and *include it in the **Before** Field.*

SETBLACKOUT MILITARY_TIME_START: MILITARY_TIME_END OPTION_NUMBER*

Examples:

SETBLACKOUT 0800:1700

SETBLACKOUT 0800:1700 OPT1

SETBLACKOUT 0800:1700 OPT2

SETBLACKOUT 0800:1700 OPT6

* The option number is the sum of the corresponding mode number.
Ex. BlackOutRealTime + BlackOutNoScanRT + ProcessOnce would be O*PT14 (2+4+8)*

If using a Scanning Mode (Automatic Execution/Scan at Start, Interval, Daily Timer)
OPT1
This Option will store the synchronization information in memory and once the Blackout period has expired it will pick up where it left off. This option will guarantee if PeerSync is in the middle of a scan at the time of a Blackout, once out of the blackout period it will pick up the scan where it left off.

If using Real-Time
OPT6
This Option is a combination of 2 and 4.

This combination will:

- *(2) Write the Real-Time Events to a file during the blackout period*
- *(4) Process the Real-Time events upon blackout period expiration during first scheduled event. (when a Real-Time Event text file exists the scheduled scan will not occur, the Real-Time Events will be processed instead of the scan)*

*MAKE SURE **Scan at Start** is checked under Operation Mode and an **Interval** of **every 1 minute** is set under the Automation of the Job in need of the SETBLACKOUT.*

If using Real-Time with Scan at Start or with one full scan
OPT14

This Option is a combination of 2, 4, and 8.

This combination will:

- *(2) Write the Real-Time Events to a file during the blackout period.*
- *(4) Process the Real-Time Events upon blackout period expiration during first scheduled event. (When a Real-Time Event text file exists the scheduled scan will not occur, the Real-Time Events will be processed instead of the scan).*
- *(8) If PeerSync has never run a full scan, it will run a full scan before processing the Real-Time Events text file. (Please note: if PeerSync was in the middle of a scan when the blackout period occurred, PeerSync will not continue that scan when this Option combination is specified, it will process the Real-Time Events only.)*

If using Real-Time with Automatic Execution/Scan at Start or with one full scan
OPT15

This Option is a combination of 2, 4, 8 and 1.

This combination will:

- *(2) Write the Real-Time Events to a file during the blackout period.*
- *(4) Process the Real-Time events upon blackout period expiration during first scheduled event. (When a Real-Time Event text file exists the scheduled scan will not occur, the Real-Time Events will be processed instead of the scan).*
- *(8) If PeerSync has never run a full scan it will run a full scan before processing the Real-Time Events text file.*
- *(1) If PeerSync was in the middle of its first scan when the blackout period occurred, PeerSync will continue that scan where it left off.*

This last option (15) offers a most complete setup.