

Goal:

Configuring PeerSync to synchronize between clustered machines or between clustered and non-clustered machines.

Overview:

When deploying PeerSync in a clustered environment, it is important to remember that PeerSync by itself is not a cluster-aware solution and will not utilize any clustering features. Therefore it should be treated as just a normal service that runs on a single server.

Real-Time Synchronization:

In scenarios where PeerSync in a cluster environment will be synchronizing in real-time, it is recommended that a full licensed copy of PeerSync is running on all servers that will provide files or services similar to the original server hosting PeerSync. Each PeerSync will then be responsible for 2 tasks:

1. Synchronizing local data to the intended target.
2. Synchronizing local data to the other cluster machines.

These 2 tasks ensures that if another machine takes over, it will have the latest data available.

Please see the tutorial document called "[Real-Time Bi-Directional Synchronization](#)" for instructions on configuring this.

Scheduled Synchronization:

In scenarios where PeerSync in a cluster environment will be synchronizing on a schedule, it is recommended that a full licensed copy of PeerSync is installed on each server in the cluster that will provide files or services similar to the original server hosting PeerSync. These additional installations do not need to be running, however they should be configured and ready to be started either manually or by scripted action. Each PeerSync will be responsible for 2 tasks:

1. Synchronizing on a schedule the local data to the intended target (distribution), remote data to the local folder (backup), or in both directions (bi-directional).
2. Synchronizing local data to the other cluster machines. (Optional)

Task 2 is optional because it may not be necessary for the cluster servers data to be synchronized, in cases such as the source and target does not reside on any cluster machine.

Please see the tutorial documents called "[Scheduled Synchronization](#)" for instructions on configuring this.