



Goal:

Real-Time replication of files from a single server to a second server for purposes of backup, data availability, or loading balancing.

Preparation:

The PeerSync installation should be installed on the Source Server. The Source Server will be the server where data is modified by users, applications, etc.

The following steps are performed on the first server, and then repeated on the second server.

1. Start **PeerSync Profiler**.
2. Click on the **Job** menu at the top and choose **Add** then select **Job with Defaults**.
3. Change the drop-down list in the top left from **Basic** to **Advanced**.
4. In the **Folder Selection** window, enter the local drive path that needs to be replicated in the **Source Folder** field. Enter the UNC path or mapped drive letter for the destination of the replicated data in the **Target Folder** field.
5. In the **File Options** window, check the options **Add-synchronize new files** and **Update-synchronize existing files**. If you would like file and folder deletion events to be replicated to the second server, check the option **Replicate-Delete unmatched files**. If this is enabled, we recommend clicking on the **Deletion Options...** button and selecting a folder or Recycling Bin to place the deleted files in, otherwise files will be permanently deleted from the system.
6. In the **Automation** window, check the option **Use real-time monitoring**. Click on the **Real-Time Options ...** button and check the option **Use enhanced real-time monitoring (File Level Change Detection)**. This will ensure Real-Time events are monitored and processed.
7. In the **Miscellaneous** window, select **Use intermediate file during** copy.
8. **(Optional)** In the **StartUp/Services** window, choose the desired startup method. In order to setup PeerSync to run unattended as a service, choose **Install as an NT Service**.

Note: *If running as a service, make sure the service is using a non-local system account, such as domain admin or any other account that has access to the replicated directories.*

9. Save the profile by going to the **File** menu and choosing **Save** or **Save As**.
10. Run PeerSync by going to the **Run/View Current Profile**.