20.1 Sync Engine Types

FileCloud Sync has two types of synchronization engines.

- A real-time synchronization engine
- A Periodic Synchronization engine

Real-time Synchronization

Real-time synchronization will synchronize files as they change locally and with minimum delay from the server. You can initiate a sync at any time immediate using the "Sync Now" option. Real-time synchronization works for all files inside Managed Storage (My Files and Shared with Me) as well as for network folders setup with Real-time sync (Which is in beta).

Periodic Synchronization

Periodic synchronization will synchronize files on a specified time interval starting at every 30 minutes, 1 hour etc. You can initiate a sync at any time immediate using the "Sync Now" option. Periodic synchronization works for all files inside Network Folders. Backing up files from local computer to Remote server is also a form of Periodic synchronization.

	Real-time Synchronization	Periodic Synchronization
Local Change Upload Frequency	Uploads local changes as soon as local file changes	Uploads changes after specific interval
Remote Change Download Frequency	Default is every 2 minutes, can be changed by changing the Sync Frequency in More Options->Other Settings->Advanced Tab.	Downloads changes after specific interval
Type of Remote Storage	Managed Storage (My Files and Shared with me) as well as Network Folders setup with Realtime sync (Beta)	Network Folders and Local to Remote Backup
Initial Setup	Folders under My Files and Shared Folders with "Sync" permissions are automatically downloaded	User manually chooses folders to download and sync
Limits	Managed Files (No limit, tested up to 300,000 files), Network Folders with Realtime sync (50,000 Files)	Efficient up to 500-1000 folders. The more number of folders, the longer it takes to synchronize.