# Suggestions for avoiding cTree corruption.

1. Make sure that all stations are using a wired connection, not WiFi.
2. Do not run any backups during work hours, PCLaw cTree is not Volume Shadow Copy aware.
3. Disable on demand scanning for files in the PCLaw data directory.
4. SMB2 has some issues, which includes the potential caching of incorrect file information. Please apply the registry changes below.
5. Windows 10 Task View can also cause issues, please disable it. Go to PC Settings – Privacy – Select Activity History and deselect the top check box Store my activity history on this device.
6. Disable Offline Files for the PCLaw Data directory.
7. Disable Windows Defender for the PCLaw Data directory.

Registry changes for SMB 2:

1. Under HKEY\_LOCAL\_MACHINE\system\CurrentControlSet\Services\LanmanWorkstation\Parameters

Create the following registry values and set to zero:

1. FileInfoCacheLifetime
2. FileNotFoundCacheLifetime
3. DirectoryCacheLifetime

See <https://support.microsoft.com/en-ca/help/2028965/data-corruption-when-multiple-users-perform-read-and-write-operations>