

Netware to W2K File sharing issues

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Hello,

I've recently moved some files from a Netware 3.2 server to a W2K server as part of a migration away from Novell. I'm having major problems now with file sharing and, while I would like to suspect it's unfamiliarity with file permissions, I can't seem to get around it and was hoping someone could help me.

The applications we run inhouse use INI style files extensively, often with shared information among users (ie: customization templates, report templates, etc.). Usually, the INI file does not allow modification by the user, but some of them do. The application will open the file, read it into memory, then close it before actually parsing or using the configuration information. If changes in that file are allowed by the application then the file will be opened again, the changes will be written, and the file will be closed. Hence, the files are open for very short periods of time usually in Read mode.

The problem is that some files are occasionally getting locked and not released when they are closed. This lock prohibits any other application from reading the file. The lock can be released by closing the open file manually or by rebooting the client PC. This was never a problem on Novell and now has become an ongoing issue with W2K. What we have done to help minimize the problem is to remove all but Read and Read/Execute permissions from all non-user modifiable files. Even those still get locked on occasion but it seems to be less frequently than before.

Assuming that I have the following directory structure and need write access to FileB.ini and FileE.ini but read only access to all other files except the DesignDir which would be invisible except for members of the Developers group. What would be the proper file, directory, and share permissions to obtain that goal with W2K?

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PrimaryShare
  \_ ProductionDir
    \_ FileA.ini
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- _ FileB.ini (RW)
- _ FileC.ini
- _ CustomerDir
 - _ FileD.ini
 - _ FileE.ini (RW)
- _ ConfigDir
 - _ FileF.ini
- _ DesignDir
 - _ FileG.ini

Or, am I barking up the wrong tree? Maybe there's some other cryptically worded setting hidden deep in some buried submenu of a subdialog that tells the OS to release file locks when a file is closed?

Thanks in advance – Mike