

Question

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FTP.Rename doesn't work in SFTP

Hi all,

I have a FTP.Inbounding service that read a file and move it to a other folder when it is processed. The problem is that is not working fine in SFTP server.

The code is copied from [How to - Customize Ensemble Settings](#) article.

```
// begin customization code
// get the Filename, attach the time stamp to it and move the file into the Archive directory
// the Rename method below is using RNFR and RNTQ FTP commands (RFC 959), effectively moving the file into the new directory
Set tSource=pInput.Attributes("Filename")
Set tArchive=..Adapter.CreateTimestamp(tSource,"%f_%Q")
set fullPath =..RemoteArchivePath_"\"_tArchive
$$$TRACE("Path for archive: "_fullPath)

Set tSC=..Adapter.rename(tSource,fullPath,..Adapter.%serverPath)
```

It works if I'm using a simple FTP server, however if I use SFTP it doesn't work.

I'm been investigating (and debugging) the code and It uses the method `EnsLib.FTP.CommonSSH.RenameSSH`

```
Method RenameSSH(OldFilename As %String, NewFilePath As %String) As %Boolean [ Internal ]
{
    Set tNew=$S(NewFilePath["/:NewFilePath, 1:..%serverPath_NewFilePath)
    Set tSC=..%sftpSession.Rename(..%serverPath_OldFilename, tNew), ..
ReturnCode=0, ..ReturnMessage=""
    If $$$ISERR(tSC) Set ..ReturnMessage=
"Error in SFTP Rename("_.%serverPath_OldFilename_", "_tNew_" ) "_
$$$StatusDisplayString(tSC) Quit 0
    Quit 1
}
```

the %sftpSession.Rename throw an error:

SFTP Error [80102003]: Permission Denied [80102003] at SFTP.cpp:439,0

My first attempt was to check the connection credentials to the SFTP, so using an FTP manager I connected with the same credentials and the renaming and moving the file has been done correctly, I do not understand the "permission denied" error message, thenfore it should be other thing.

Any one can throw light to this problem?

Best regards,

Francisco Lopez

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Source URL: <https://community.intersystems.com/post/ftprename-doesnt-work-sftp>