

Permissions on 'root' folder

Successfully processed 1 files; Failed processing 0 files

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```
\\pi-nas-1\sfrroot\NAS Test Folder\New folder
SBS\fits:(OI)(CI)(F)
SBS\Domain Admins:(OI)(CI)(F)
CREATOR OWNER:(OI)(CI)(F)
```

In both cases the user test was correctly shown as the owner of the file.

On windows SBS 2011 Server

```
C:\Users\fits>icacls "\\pi-server\public\SBS Test Folder"
\\pi-server\public\SBS Test Folder
                Everyone:(RX,AD)
                BUILTIN\Administrators:(OI)(CI)(F)
                SBS\fits:(OI)(CI)(F)
                BUILTIN\Administrators:(F)
                CREATOR OWNER:(OI)(CI)(IO)(F)
```

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Create a new folder as user test

```
C:\Users\fits>icaccls "\\pi-server\public\SBS Test Folder\*"
\\pi-server\public\SBS Test Folder\New folder
          BUILTIN\Administrators:(I)(OI)(CI)(F)
          SBS\fits:(I)(OI)(CI)(F)
          SBS\test:(I)(F)
          CREATOR OWNER:(I)(OI)(CI)(IO)(F)
```

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Create another new folder as user test

```
C:\Users\fits>icaccls "\\pi-server\public\SBS Test Folder\*"
\\pi-server\public\SBS Test Folder\New folder
          BUILTIN\Administrators:(I)(OI)(CI)(F)
          SBS\fits:(I)(OI)(CI)(F)
          SBS\test:(I)(F)
          CREATOR OWNER:(I)(OI)(CI)(IO)(F)
```

```
\\pi-server\public\SBS Test Folder\SBSFolder2
          BUILTIN\Administrators:(I)(OI)(CI)(F)
          SBS\fits:(I)(OI)(CI)(F)
          SBS\test:(I)(F)
          CREATOR OWNER:(I)(OI)(CI)(IO)(F)
```

Successfully processed 2 files; Failed processing 0 files

C:\Users\fits>

<http://serverfault.com/questions/311924/creator-owner-ntfs-group-always-has-special-permissions-in-windows>

Sorry but you have misunderstood how creator owner works or you wouldn't be asking those questions. If you create a folder and give it creator owner permissions, then create a file inside that folder, the file never has 'creator owner' permissions but instead the actual user who created the file has those permissions. It is not a user group that happens to apply to the current owner but a special permission that always gets applied as an actual user when files are created. So when you set creator owner permission on the current folder it applies to the contents rather than itself. – JamesRyan Se

<http://networkadminkb.com/KB/a80/creator-owner-explained.aspx>

How “Creator Owner” works

The “Creator Owner” group is unique because when applied to a folder the following permission changes happen.

- 1) The Owner (creator) of the object is “semi-statically” assigned the same permissions as the original “Creator Owner” group. These permissions are “semi-static” because if you remove the “Creator Owner” group the permissions for the user are removed as well.
- 2) If the owner of an object changes, the permissions on the object do not change to the new owner.
- 3) If the object created is a Folder, the “Creator Owner” group is re-applied to the newly created folder, along with the permission listed in Item 1.

https://bugzilla.samba.org/show_bug.cgi?id=9467#

Long discussion on how to implement C/O in Samba...

Further testing on SBS with removal of C/O rights and also changing folder owner

Remove C/o From root folder:

```
C:\Users\fits>icacls "\\pi-server\public\SBS Test Folder"
\\pi-server\public\SBS Test Folder
                Everyone:(RX,AD)
                BUILTIN\Administrators:(OI)(CI)(F)
                SBS\fits:(OI)(CI)(F)
```

Successfully processed 1 files; Failed processing 0 files

Removes owners ACL entry in Subfolders:

```
C:\Users\fits>icacls "\\pi-server\public\SBS Test Folder\*"
\\pi-server\public\SBS Test Folder\New folder
                BUILTIN\Administrators:(I)(OI)(CI)(F)
                SBS\fits:(I)(OI)(CI)(F)

\\pi-server\public\SBS Test Folder\SBSFolder2
                BUILTIN\Administrators:(I)(OI)(CI)(F)
                SBS\fits:(I)(OI)(CI)(F)
```

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Put C/o back on root folder:

Owner's rights reinstated in subfolders

```
C:\Users\fits>icacls "\\pi-server\public\SBS Test Folder\*"
\\pi-server\public\SBS Test Folder\New folder
        BUILTIN\Administrators:(I)(OI)(CI)(F)
        SBS\fits:(I)(OI)(CI)(F)
        SBS\test:(I)(F)
        CREATOR OWNER:(I)(OI)(CI)(IO)(F)
```

```
\\pi-server\public\SBS Test Folder\SBSFolder2
        BUILTIN\Administrators:(I)(OI)(CI)(F)
        SBS\fits:(I)(OI)(CI)(F)
        SBS\test:(I)(F)
        CREATOR OWNER:(I)(OI)(CI)(IO)(F)
```

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Change OWNER of SBSfolder2 – no change to ACL

```
C:\Users\fits>icacls \\pi-server\public\SBS Test Folder\*
```

```
\\pi-server\public\SBS Test Folder\New folder
        BUILTIN\Administrators:(I)(OI)(CI)(F)
        SBS\fits:(I)(OI)(CI)(F)
        SBS\test:(I)(F)
        CREATOR OWNER:(I)(OI)(CI)(IO)(F)
```

```
\\pi-server\public\SBS Test Folder\SBSFolder2
        BUILTIN\Administrators:(I)(OI)(CI)(F)
        SBS\fits:(I)(OI)(CI)(F)
        SBS\test:(I)(F)
        CREATOR OWNER:(I)(OI)(CI)(IO)(F)
```

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Remove C/o Permission from Root folder – explicit owner permissions removed

```
C:\Users\fits>icacls "\\pi-server\public\SBS Test Folder\*"
\\pi-server\public\SBS Test Folder\New folder
        BUILTIN\Administrators:(I)(OI)(CI)(F)
        SBS\fits:(I)(OI)(CI)(F)
```

```
\\pi-server\public\SBS Test Folder\SBSFolder2
        BUILTIN\Administrators:(I)(OI)(CI)(F)
        SBS\fits:(I)(OI)(CI)(F)
```

Successfully processed 2 files; Failed processing 0 files

NOW put C/o back (with owner changed on SBSFolder2) – CURRENT owner added to ACL

```
C:\Users\fits>icaccls "\\pi-server\public\SBS Test Folder\*"
\\pi-server\public\SBS Test Folder\New folder
    BUILTIN\Administrators:(I)(OI)(CI)(F)
    SBS\fits:(I)(OI)(CI)(F)
    SBS\test:(I)(F)
    CREATOR OWNER:(I)(OI)(CI)(IO)(F)
```

```
\\pi-server\public\SBS Test Folder\SBSFolder2
    BUILTIN\Administrators:(I)(OI)(CI)(F)
    SBS\fits:(I)(OI)(CI)(F)
    SBS\test2:(I)(F)
    CREATOR OWNER:(I)(OI)(CI)(IO)(F)
```

Successfully processed 2 files; Failed processing 0 files

```
C:\Users\fits>
```