Changing NTFS Permissions of a Groupdrive

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Lösung (öffentlich)

Changing NTFS Permissions of a Groupdrive

By default, there are a maximum of two groups (Administrators and Users) via which the permissions of a Groupdrive are controlled centrally.

However, a fine-grained assignment of permissions is often necessary (e.g., personal folders for individual users to which no one else has access). In this case, the NTFS permissions must be adjusted directly via the file system.

Prerequisites

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A client in the TUD network with RDP software (Remote Desktop)

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Your TUD login and TUD password

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The Groupdrive name

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The SVM name of the Groupdrive (short name often starting with vs-, cephnfs or ceph-smb)

Connection to the Terminal Server

Permissions are managed centrally via the terminal server domts3.zih.tu-dresden.de.

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Connect to the server domts3.zih.tu-dresden.de via RDP

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Windows: Use the "Remote Desktop Connection" program

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Linux: Use clients like Remmina or xfreerdp

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Authenticate with your TUD login and TUD password

Note the login domain:

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Enter the prefix DOM\ before your login. Example: DOM\kuki797d

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On some Linux programs (e.g., Remmina), the DOM\ prefix is explicitly not required. If the login with the DOM\ prefix does not work, try it without.

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If a certificate warning appears, accept it.

Setting Permissions

Once you are connected to the terminal server, execute the following steps within the RDP session on the terminal server:

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Open the Windows Explorer

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Enter the path of the Groupdrive in the address bar and confirm with Enter.

\\<svm>.zih.tu-dresden.de\<name>

Replace <svm> with the SVM name and <name> with the Groupdrive name.

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Open the properties for permission management:

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For a specific object: Right-click on the object -> Properties -> Security tab

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For the entire drive: Right-click on an empty area in the folder -> Properties
-> Security tab

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Click on the Advanced button. In the newly opened window, you can disable
inheritance or add specific users.

Finding Users and Groups

You can assign permissions to TUD users and IDM groups[1]1

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Preferably search for users via their TUD login or name (First Name Last Name)

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Attention: Searching by email address does not work

Example: Granting a User Full Control
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Select Add

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In the newly opened window, click Select a principal

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Enter the desired user in the text field and click Check Names. The input
should resolve to an entry (be underlined). Click OK.

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Now click on the desired permissions. Also, make sure to check Type: Allow and
Applies to: This folder, subfolders and files (See picture under point 2).
Finally click OK.

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Click Apply. The permissions will now be set. For folders with many files,
this may take a while. Closing the RDP connection does not interrupt the
setting of permissions, so you can log off while the permissions are being
set.

Special Permissions

Please do not remove the Read and Execute permissions from Everyone on the
main folder. See [2]Default Permissions of a Groupdrive for more information.

If you remove the permission from DOM\Domain Admins, this will have several
effects:

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Files without these permissions will not be backed up

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We cannot help you with problems

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There will be a significant additional effort on our and your part in the
future if the data needs to be moved (e.g., migrating the data to another
storage system)

[3]1[4]IDM Group Management

[1] #sdfootnote1sym
[2] https://faq.tickets.tu-dresden.de/otrs/public.pl?Action=PublicFAQZoom;ItemID=1536;
[3] #sdfootnote1anc
[4] https://selfservice.tu-dresden.de/services/group-management/groups/