

If the DN of a user changes:

If the DN of a user changes, what does the LFC/DPM admin have to do, so that the user can still access her files ?

Solution:

The steps to follow are:

- Check if the user's new DN has already been registered automatically in the LFC/DPM (it is the case if he has used the LFC with his new DN at least once...):

```
-- To get the old and possible new 'owner_uid'
select * from Cns_userinfo where username IN ('<old_DN>', '<new_DN>');
```

If the user's new DN doesn't appear in `Cns_userinfo`

The steps to follow are:

- Find out the virtual UID of the old DN. You need to query the database for this:

```
select * from Cns_groupinfo where username='<old_DN>;'
```

- We modify the user name to the new one:

```
/opt/lcg/bin/lfc-modifygrpmap --uid <old_UID> --group '<new_username>'
```

If the user's new DN appears in `Cns_userinfo`

- Check if the user has already registered any file with the new DN

```
-- Check if he/she has files
SELECT count(*) FROM Cns_file_metadata WHERE owner_uid=<the new owner_uid>;
```

- If there are files registered for the new DN, we do:

- ◆ Get the files and paths from the DB:

```
SELECT lpad(' ', 2*level-1) || SYS_CONNECT_BY_PATH(name, '**') "Path"
FROM Cns_file_metadata
WHERE owner_uid=<new_owner_uid>
START WITH parent_fileid=0
CONNECT BY PRIOR fileid = parent_fileid;
```

- ◆ And we put all these in a file `files.sql` that we modify with vim to convert the '*' to '/'. So inside vim we type:

```
:%s/\*\*/\//g
```

- ◆ Now we set all those files to the owner_uid of the old_DN:

```
for i in `cat files.sql`; do /opt/lcg/bin/lfc-chown <the_old_owner_uid> $i; done
```

- ◆ Then, we delete from the DB the owner_uid of the new DN:

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```
/opt/lcg/bin/lfc-rmusrmap --uid <new_owner_uid>
```

- ◆ And finally, we modify the user mapping to make the old owner_uid point to the new DN:

```
/opt/lcg/bin/lfc-modifyusrmap --uid <old_owner_uid> --user '<new_DN>'
```

- If there are no files registered for the new DN, it's more simple. We just do the two last steps:

- ◆ We delete from the DB the owner_uid of the new DN:

```
/opt/lcg/bin/lfc-rmusrmap --uid <new_owner_uid>
```

- ◆ We modify the user mapping to make the old owner_uid point to the new DN:

```
/opt/lcg/bin/lfc-modifyusrmap --uid <old_owner_uid> --user '<new_DN>'
```

If the name of a group/VO changes:

If the name of a group/VO changes, what does the LFC/DPM admin have to do, so that the permissions remain correct ?

Solution:

The steps to follow are:

- Find out the virtual GID of the old group. You need to query the database for this:

```
select * from Cns_groupinfo where groupname='<old_groupname>';
```

- We modify the group name to the new one:

```
/opt/lcg/bin/lfc-modifygrpmap --gid <old_GID> --group '<new_groupname>'
```

Help !

If this page doesn't help, contact helpdesk@ggusNOSPAMPLEASE.org (remove the NONSPAM !).

-- SophieLemaitre - 12 Oct 2007

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