ANNEX A · DOMAIN USERS, GROUPS AND OUS

Name: _____ **Date:** _____

0 · Start this first, then leave it running. On `win11`, signed in as `TRAMUNTANA\Administrator`, PowerShell **as administrator**:

```
Add-WindowsCapability -Online -Name Rsat.ActiveDirectory.DS-LDS.Tools~~~~0.0.1.0
Add-WindowsCapability -Online -Name Rsat.GroupPolicy.Management.Tools~~~~0.0.1.0
```

Everything else: on `dc1` (`ssh sysadmin@192.168.122.20`). Passwords: the lab password on the board. Type the names **exactly**.

1 · Three rooms (OUs).

```
sudo samba-tool ou create "OU=Dev,DC=tramuntana,DC=internal"
sudo samba-tool ou create "OU=Design,DC=tramuntana,DC=internal"
sudo samba-tool ou create "OU=Admin,DC=tramuntana,DC=internal"
sudo samba-tool ou list
```

☐ **Done when:** the list shows `OU=Dev`, `OU=Design`, `OU=Admin` and one more that was already there:

_____

2 · People at their desks.

```
sudo samba-tool user add joan --given-name=Joan --surname=Riera --userou="OU=Design"
sudo samba-tool user add aina --given-name=Aina --surname=Ferrer --userou="OU=Admin"
sudo samba-tool user add pau --given-name=Pau --surname=Mas --userou="OU=Dev" --must-change-at-next-login
sudo samba-tool user move marta "OU=Dev,DC=tramuntana,DC=internal"
```

Try also `sudo samba-tool user add test` with the password `1234`. What does the domain answer?

_____

☐ **Done when:** three times `added successfully` and once `Moved user "marta" into ...`.

3 · The lists (groups).

```
sudo samba-tool group add dev --groupou="OU=Dev" --description="Development"
sudo samba-tool group add design --groupou="OU=Design" --description="Design"
sudo samba-tool group add admin --groupou="OU=Admin" --description="Administration"
sudo samba-tool group addmembers dev marta,pau
sudo samba-tool group addmembers design joan
sudo samba-tool group addmembers admin aina
```

☐ **Done when:** three times `Added group` and three times `Added members to group`.

4 · Read what you built.

```
sudo samba-tool group listmembers dev
sudo samba-tool user getgroups marta
sudo samba-tool ou listobjects "OU=Dev,DC=tramuntana,DC=internal"
sudo samba-tool user list --full-dn
```

Marta's groups: _____ Objects in the OU `Dev`: _____

Marta's full DN: _____

Read it from right to left. The domain: _____ The OU: _____ The object:

_____

☐ **Done when:** the four blanks come from real output.

5 · From the client. On `win11`: sign out, sign in as `TRAMUNTANA\joan`. In a terminal: `whoami /groups`. Then sign in as `TRAMUNTANA\pau`.

☐ **Done when:** joan's groups include `TRAMUNTANA\` _____ What did Windows ask pau to do, and why is that a good idea? _____

6 · Pau's internship ends.

```
sudo samba-tool user disable pau
```

Try to sign in as pau on `win11`. Then `sudo samba-tool user enable pau`.

☐ **Done when:** pau was refused while disabled. On how many PCs of the company did that one command act?

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7 · The same tree, with a mouse. When task 0 has finished: on `win11` as `TRAMUNTANA\Administrator`, Start → `dsa.msc`.
☐ **Done when:** you see your three OUs and their users. In which container is your PC `WIN11`?

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8 · Log. `ssh srv` → today's entry in `~/server-log.md`. Snapshot `company` of `dc1`.

EXIT TICKET

☐ **1.** In how many OUs can the user marta be at the same time?
A) As many as needed B) Three C) Exactly one D) None: users are not in OUs

☐ **2.** You want everyone in development to write in the folder `dev`. To what do you give the permission?
A) The group `dev` B) The OU `Dev` C) The domain D) The container `Users`

☐ **3.** `CN=Joan Riera,OU=Design,DC=tramuntana,DC=internal`. Which part is the domain?
A) `CN=Joan Riera` B) `OU=Design` C) `CN=Joan Riera,OU=Design` D) `DC=tramuntana,DC=internal`

☐ **4.** An employee leaves the company today. What do you do first with the account?
A) Delete it B) Disable it C) Rename it D) Move it to another OU