

Add and manage users with Linux commands

Scenario

In this scenario, a new employee with the username `researcher9` joins an organization. You have to add them to the system and continue to manage their access during their time with the organization.

Task 1. Add a new user.

1.1. Add user called `researcher9` to the system

Command: `sudo useradd researcher9`

1.2. Add the new user to the `research_team` group

Command: `sudo usermod -g research_team researcher9`

Alternate command: `sudo useradd researcher9 -g research_team`

Task 2. Assign file ownership.

2.1. make user(researcher9) the owner of the project_r.txt file.

Command: `sudo chown researcher9 /home/researcher2/projects/project_r.txt`

Task 3. Add the user to a secondary group.

3.1. Add researcher9 to a secondary group (sales_team). Their primary group is still research_team.

Command: `sudo usermod -a -G sales_team researcher9`

Task 4. Delete the user.

4.1. Delete researcher9 from the system.

Command: `sudo userdel researcher9`

4.2. Delete the researcher9 group that is no longer required.

Command: `sudo groupdel researcher9`

