

Week 1 Summary Task – DevOps & Linux Basics

Part 1: Creating Directory Structure & Permissions

- Create a directory named 'project1' in your home directory (/home/username).
- Inside 'project1', create two additional directories:
 - docs
 - scripts
- Set permissions:
 - 'scripts': Only your user can modify, all other users can only read.
 - 'docs': All users can write.

Part 2: User & Group Management

- Create a new user called 'devuser' and a new group called 'devteam'.
- Add 'devuser' to the 'devteam' group.
- Give the 'devteam' group read-only permissions to the 'project1' directory.

Part 3: Documentation & Explanation

- Document all commands executed during this task, along with a brief explanation of each command.
- Save this documentation in a plain text file (summary.txt) or a Markdown file.

Submission Requirements

- Screenshot or output of the command 'ls -lR ~/project1' showing the final directory structure and permissions.
- Screenshot or output of the command 'groups devuser'.
- Documentation file ('summary.txt' or Markdown) with commands and brief explanations.

Objective

Reinforce your basic knowledge of Linux commands, user permissions, directory creation, and user/group management.