

Linux for Cloud and DevOps

Project

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Problem Statement: Create scripts to automate the installation, update, and removal of software packages, as well as managing user accounts and permissions. Ensure that the scripts are robust, secure, and easy to use.

Description: This project focuses on the essential skills of package management and user administration in Linux. Learners will learn how to use package managers to install, update, and remove software packages efficiently. They will also develop scripts to automate these processes, making system maintenance easier. Additionally, learners will work on user administration tasks such as creating, modifying, and deleting user accounts, as well as managing user and group permissions. The scripts will be designed to ensure security and ease of use, with thorough documentation provided to facilitate their deployment in real-world scenarios.