# User Management Command Cheat Sheet

Linux user management commands create, modify, and delete user accounts and groups. Similarly, these commands are used to manage user account properties such as login shells, primary groups, and passwords. User management commands help system administrators control access to resources and manage user permissions on Linux systems to ensure security and accessibility.

| Command | Description |
|---------|-------------|
| useradd | By using this command, you can create a new user account on the system. |
| usermod | This command is used to modify an existing user account, such as changing the user's password or group membership. |
| userdel | This command is used to delete an existing user account from the system. |
| passwd | This command is used to change a user's password. |
| groupadd | This command is used to create a new group on the system. |
| groupmod | This command is used to modify an existing group, such as changing the group's name or membership. |
| groupdel | This command is used to delete an existing group from the system. |
| id | This command is used to display information about a user or group, including their user ID and group membership. |
| chown | This command is used to change the owner of a file or directory. |
| chgrp | This command is used to change the group ownership of a file or directory. |
| chmod | This command is used to change the permissions of a file or directory. |
| su | This command is used to switch to another user account or become a superuser. |

| Command | Description |
|---|---|
| sudo | This command is used to execute a command with elevated privileges. |
| whoami | This command is used to display the username of the current user. |
| w | This command is used to display information about logged-in users and their activity on the system. |
| finger [username] | Displays detailed information about a user, including their login name, home directory, and shell. |
| last | Displays information about the last logged-in users on the system. |
| who | Displays information about currently logged-in users in the system. |
| adduser [username] | Create a new user account with interactive prompts to enter user details. |
| deluser [username] | Deletes a user account and their home directory from the system. |
| newgrp [groupname] | Change the user's primary group membership to a new session. |
| usermod -aG [groupname] [username] | Adds a user to an additional group. |
| chsh -s [shellpath] [username] | Change the user's login shell. |
| chfn [username] | Change the user's full name and other details in the system password file. |
| visudo | Edit the sudo configuration file, which controls which users can execute commands with elevated privileges. |