

User Management

User management is an essential part of Linux administration. Sometimes we need to create new users or add other users to specific groups. Another possibility is to execute commands as a different user. After all, it is not too rare that users of only one specific group have the permissions to view or edit specific files or directories. This, in turn, allows us to collect more information locally on the machine, which can be very important. Let us take a look at the following example of how to execute code as a different user.

Execution as a user

Execution as a user

```
amit8986@htb[/htb]$ cat /etc/shadow

cat: /etc/shadow: Permission denied
```

Execution as root

Execution as root

```
amit8986@htb[/htb]$ sudo cat /etc/shadow

root:<SNIP>:18395:0:99999:7:::
daemon*:17737:0:99999:7:::
bin*:17737:0:99999:7:::
<SNIP>
```

Here is a list that will help us to better understand and deal with user management.

Command	Description
sudo	Execute command as a different user.
su	The su utility requests appropriate user credentials via PAM and switches to that user ID (the default user is the superuser). A shell is then executed.
useradd	Creates a new user or update default new user information.
userdel	Deletes a user account and related files.
usermod	Modifies a user account.
addgroup	Adds a group to the system.
delgroup	Removes a group from the system.
passwd	Changes user password.

User management is essential in any operating system, and the best way to become familiar with it is to try out the individual commands in conjunction with their various options.

Start Instance

1 / 1 spawns left

Waiting to start...

Questions

Answer the question(s) below to complete this Section and earn cubes!



Cheat Sheet

+ 0

Which option needs to be set to create a home directory for a new user using "useradd" command?

-m

Submit

+ 0

Which option needs to be set to lock a user account using the "usermod" command? (long version of the option)

Submit your answer here...

Submit

+ 0

Which option needs to be set to execute a command as a different user using the "su" command? (long version of the option)

--command

Submit

Previous

Next

Cheat Sheet

Go to Questions

Table of Contents

Introduction

Linux Structure	✓
Linux Distributions	✓
Introduction to Shell	✓

The Shell

Prompt Description	✓
Getting Help	✓
📦 System Information	✓

Workflow

📦 Navigation	✓
📦 Working with Files and Directories	✓
📦 Editing Files	✓
📦 Find Files and Directories	✓
📦 File Descriptors and Redirections	✓
📦 Filter Contents	✓
📦 Regular Expressions	✓
📦 Permission Management	✓

System Management

📦 User Management
📦 Package Management
📦 Service and Process Management
📦 Task Scheduling
📦 Network Services
📦 Working with Web Services
📦 Backup and Restore
📦 File System Management
📦 Containerization

Linux Networking

📦 Network Configuration
Remote Desktop Protocols in Linux

Linux Hardening

Linux Security
📦 Firewall Setup
📦 System Logs and Monitoring

Linux Distributions vs Solaris

Tips & Tricks

Shortcuts

My Workstation

OFFLINE

 Start Instance

1 / 1 spawns left