



Placement Empowerment Program
Cloud Computing and DevOps Centre

100 Days of DevOps Challenge

Day 01: Linux User Setup with Non-Interactive Shell

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Linux User Setup with Non-Interactive Shell

Objective :

To accommodate the backup agent tool's specifications, a new user named anita needs to be created on **App Server 2** with a non-interactive shell. A non-interactive shell prevents the user from logging in and executing commands interactively, which is a common security practice for service or system users.

Steps Performed :

- **Log in to the server:** Use the command `ssh steve@stapp02` to connect to App Server 2.
- **Create the user anita:** Run the command `sudo useradd -s /sbin/nologin anita`. The `-s /sbin/nologin` part is what makes the shell non-interactive.
- **Enter the password:** When prompted, enter the password for the sudo user (steve).
- **Verify the user (optional):** To be sure, run `getent passwd anita` to see that anita was created with the `/sbin/nologin` shell.

Task

51:08

Terminal 1

Details of all Users and Servers

Stop Lab

To accommodate the backup agent tool's specifications, the system admin team at [xFusionCorp Industries](#) requires the creation of a user with a non-interactive shell. Here's your task:

Create a user named `james` with a non-interactive shell on [App Server 2](#).

Check

Try Later

```
thor@jumpphost ~$ ssh tony@stapp01
The authenticity of host 'stapp01 (172.16.238.10)' can't be established.
ED25519 key fingerprint is SHA256:p/hPCo7tm5Xto7Zwmna+pla/Uyir2sNOIyk3fs821ww.
This key is not known by any other names
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added 'stapp01' (ED25519) to the list of known hosts.
tony@stapp01's password:
[tony@stapp01 ~]$ sudo useradd -s /sbin/nologin james

We trust you have received the usual lecture from the local System
Administrator. It usually boils down to these three things:

#1) Respect the privacy of others.
#2) Think before you type.
#3) With great power comes great responsibility.

[sudo] password for tony:
[tony@stapp01 ~]$ sudo useradd -s /sbin/nologin james
useradd: user 'james' already exists
[tony@stapp01 ~]$ grep james /etc/passwd
james:x:1002:1002::/home/james:/sbin/nologin
[tony@stapp01 ~]$
```

Feedback

Congrats!

You have completed the task successfully.

100 Days of DevOps

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Share your success card

Feedback