

## QUESTION 2

### 2. Ansible

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Create an Ansible playbook to create a user with a home directory and add him to the sudousers group.

### SOLUTION:

- name: Create sudo-user with home directory

hosts: all

become: yes

vars:

new\_user: kaushal2118

tasks:

- name: Ensure the user exists with a home directory

user:

name: "{{ new\_user }}"

state: present

shell: /bin/bash

create\_home: yes

- name: Ading to group

user:

name: "{{ new\_user }}"

groups: sudo

append: yes

## OUTPUT:

### 1. YAML FILE FOR CREATING AN USER WITH HOME DIRECTORY AND ADDING THEM INTO SUDO GROUPS

```
kaushal@master-vm:~$ l
ansible-sudo-user/
kaushal@master-vm:~$ cd ansible-sudo-user/
kaushal@master-vm:~/ansible-sudo-user$ ls
create_sudo_user.yml  hosts
kaushal@master-vm:~/ansible-sudo-user$ cat create_sudo_user.yml
- name: Create sudo-user with home directory
  hosts: all
  become: yes
  vars:
    new_user: kaushal2118

  tasks:

    - name: Ensure the user exists with a home directory
      user:
        name: "{{ new_user }}"
        state: present
        shell: /bin/bash
        create_home: yes

    - name: Ading to group
      user:
        name: "{{ new_user }}"
        groups: sudo
        append: yes
kaushal@master-vm:~/ansible-sudo-user$
```

### 2. SUCCESSFULLY EXECUTED YAML FILE

```
kaushal@master-vm:~/ansible-sudo-user$ ansible-playbook -i hosts create_sudo_user.yml --ask-pass --ask-become-pass
SSH password:
BECOME password[defaults to SSH password]:

PLAY [Create sudo-user with home directory] *****

TASK [Gathering Facts] *****
ok: [192.168.153.133]
ok: [192.168.153.131]

TASK [Ensure the user exists with a home directory] *****
changed: [192.168.153.133]
changed: [192.168.153.131]

TASK [Ading to group] *****
changed: [192.168.153.131]
changed: [192.168.153.133]

PLAY RECAP *****
192.168.153.131      : ok=3    changed=2    unreachable=0    failed=0    skipped=0    rescued=0    ignored=0
192.168.153.133      : ok=3    changed=2    unreachable=0    failed=0    skipped=0    rescued=0    ignored=0

kaushal@master-vm:~/ansible-sudo-user$
```

### 3. USER CREATED AND ADDED INTO THE SUDO GROUPS

```
worker1@worker1-vm:~$ getent passwd kaushal2118
kaushal2118:x:1003:1003::/home/kaushal2118:/bin/bash
worker1@worker1-vm:~$ groups kaushal2118
kaushal2118 : kaushal2118 sudo
worker1@worker1-vm:~$
```