Q5 ANSIBLE ABDUL SAMIM

DIRECTORY STRUCTURE

```
master@master-vm:~/Desktop$ mkdir users
master@master-vm:~/Desktop$ cd users
master@master-vm:~/Desktop/users$ nano inventory.ini
master@master-vm:~/Desktop/users$ nano ansible.cfg
master@master-vm:~/Desktop/users$ nano create_user.yml
```

Inventory file

```
  GNU nano 6.2                                          inventory.ini
[all_nodes]
master ansible_host=192.168.153.128 ansible_user=master ansible_ssh_pass=root@123
worker1 ansible_host=192.168.153.131 ansible_user=worker1 ansible_ssh_pass=root@123
worker2 ansible_host=192.168.153.133 ansible_user=worker2 ansible_ssh_pass=root@123
```

Ansible.cfg

```
  GNU nano 6.2                                          ansible.cfg
[defaults]
inventory = inventory.ini
host_key_checking = False
```

Playbook

```
  GNU nano 6.2                                          create_user.yml
---
- name: Create user and add to sudousers group
  hosts: all_nodes
  become: true
  vars:
    username: "exampleuser"
    user_password: "{{ 'root@123' | password_hash('sha512') }}"

  tasks:
    - name: Ensure the sudousers group exists
      group:
        name: sudousers
        state: present

    - name: Create a user with home directory and bash shell
      user:
        name: "{{ username }}"
        shell: /bin/bash
        password: "{{ user_password }}"
        create_home: yes
        groups: sudousers
        append: yes
```

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Output

```
master@master-vm:~/Desktop/users$ ansible-playbook create_user.yml

PLAY [Create user and add to sudousers group] *********************************

TASK [Gathering Facts] ********************************************************
ok: [master]
ok: [worker1]
ok: [worker2]

TASK [Ensure the sudousers group exists] **************************************
changed: [master]
changed: [worker1]
changed: [worker2]

TASK [Create a user with home directory and bash shell] ***********************
changed: [worker1]
changed: [master]
changed: [worker2]

PLAY RECAP ********************************************************************
master                     : ok=3    changed=2    unreachable=0    failed=0    skipped=0    rescued=0    ignored=0
worker1                    : ok=3    changed=2    unreachable=0    failed=0    skipped=0    rescued=0    ignored=0
worker2                    : ok=3    changed=2    unreachable=0    failed=0    skipped=0    rescued=0    ignored=0
```