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Course Name:Devops and Cloud Computing Course

Assignment Name: Ansible Assignment

Git Link:https://github.com/Hydra-Dev110/Ansible

Drive Link: https://docs.google.com/document/d/1553by7GYOxdno4jWz_K3wSQRq-Gxun24CPmJlUZAJzg/edit?usp=sharing

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1. **Install and configure Ansible, Puppet, or Chef on a local or cloud environment. Write and execute basic configuration scripts.?**

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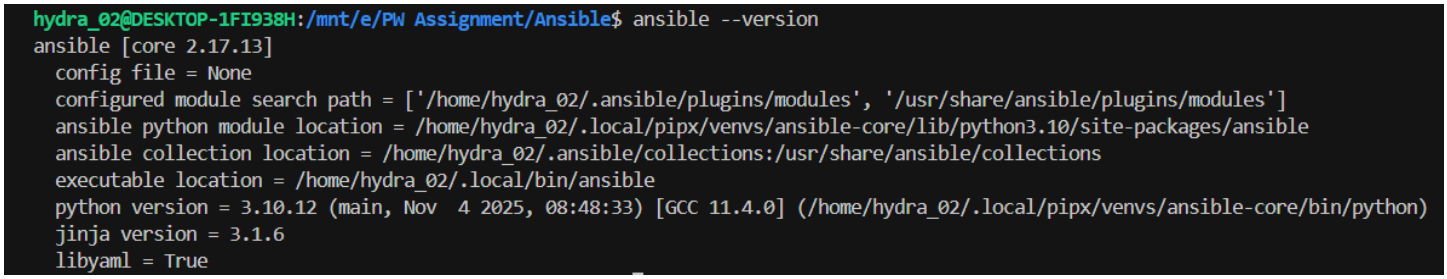
Step 1: Install Ansible

Ansible was installed on the system using the following commands:

sudo apt update

sudo apt install ansible -y

ansible --version



Step 2: Create Ansible Playbook

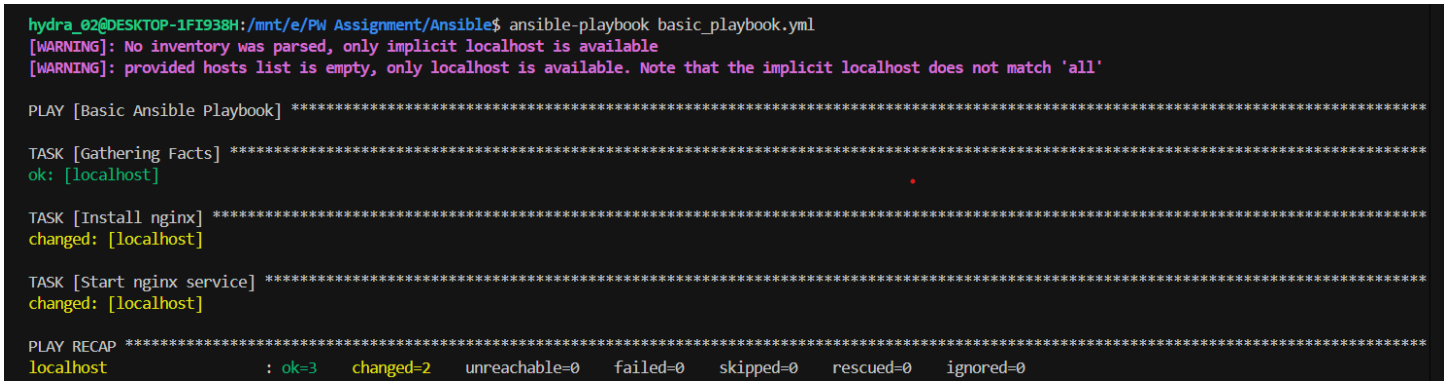
A YAML playbook was created to install and start the Nginx service.

```
- name: Basic Ansible Playbook
  hosts: localhost
  become: yes

  tasks:
    - name: Install nginx
      apt:
        name: nginx
        state: present
        update_cache: yes

    - name: Start nginx service
      service:
        name: nginx
        state: started
        enabled: yes
```

Step 3: Execute the Playbook

The playbook was executed using the following command:

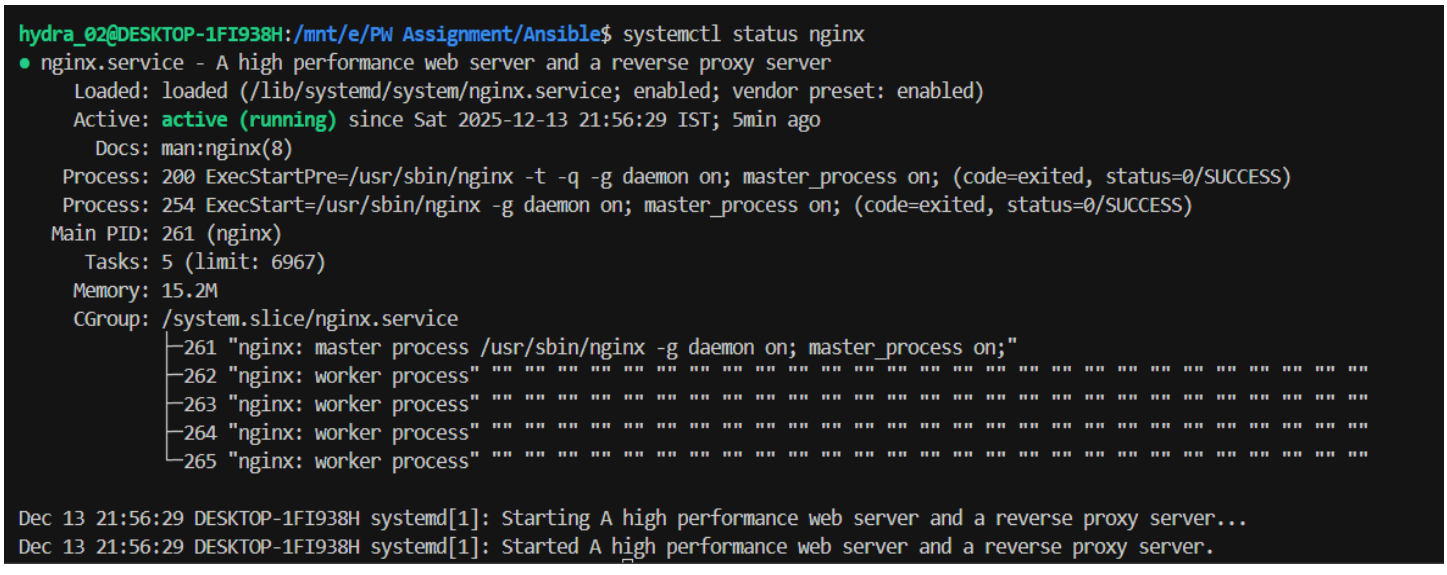
ansible-playbook basic-playbook.yml



Step 4: Verify Nginx Installation

After execution, Nginx service status was verified:

systemctl status nginx



http://localhost