Install nginx with use of Ansible
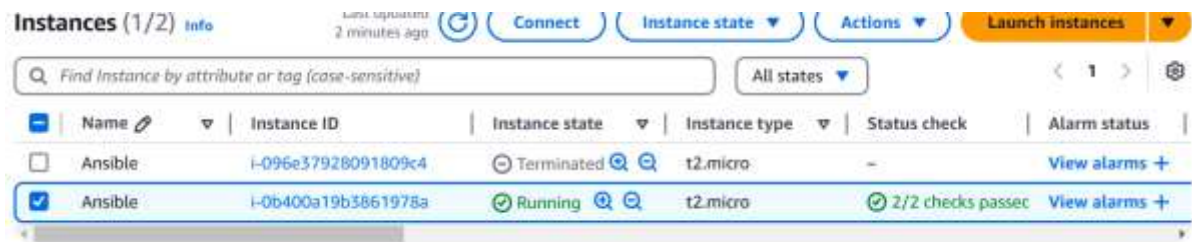
STEP1: Install EC2 Instance

STEP2: Install Ansible

sudo apt update

sudo apt install ansible -y

ansible –version

STEP3: Create an inventory file and ans.yaml

Inventory file

[local]

localhost ansible_connection=local

Ans.yaml

- name: Install Nginx on localhost

  hosts: local

  become: yes # Use sudo to run commands as root

  tasks:

   - name: Update apt package index

     apt:

      update_cache: yes

```yaml
  - name: Install Nginx
    apt:
      name: nginx
      state: latest


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


  - name: Ensure Nginx is installed correctly
    command: nginx -v
    register: nginx_version
```

STEP4: Run the playbook with these command

ansible-playbook -i inventory.ini ans.yml -b

STEP5:


```
PLAY [Install Nginx on localhost] ************************************************

TASK [Gathering Facts] **********************************************************
ok: [localhost]

TASK [Update apt package index] *************************************************
changed: [localhost]

TASK [Install Nginx] ************************************************************
changed: [localhost]

TASK [Start Nginx service] ******************************************************
ok: [localhost]

TASK [Ensure Nginx is installed correctly] **************************************
changed: [localhost]

TASK [debug] ********************************************************************
ok: [localhost] => {
    "msg": "Nginx version installed is "
}

PLAY RECAP **********************************************************************
localhost                  : ok=6    changed=3    unreachable=0    failed=0    skipped=0    rescued=0    ignored=0
```