**Assignment-Ansible**

**Host1 – httpd install & start ,Deploy index of 22Q1**

**Jenkins Master – Ansible Server**

**Git-hub**

**Clone 22Q1**

**Git-Repo**

**Host2 – httpd install & start ,Deploy index of 22Q2**

**Clone 22Q2**

**22Q1 index.html**

**apache.yaml 🡪 for ansible push**

**22Q2 index.html**

**Index.html**

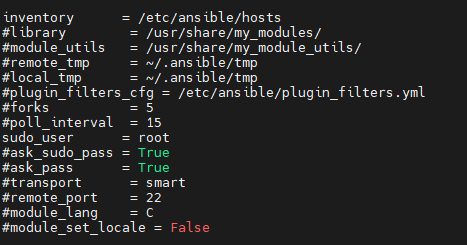
**Step 1: Launch 3 EC2 instances 1 with Jenkins-master & ansible-server configuration and**

**Other 2 as ansible hosts**

**On ansible server**

1. **configure Jenkins**
2. **amazon-linux-extras install ansible2 –y**
3. **vi /etc/ansible/ansible.cfg**

**uncomment** 🡪 **#inventory & # sudo user**

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1. **Save & exit**
2. **visudo 🡪 add entry bellow 🡪 root ALL=(ALL) ALL**

**ansible ALL=(ALL) NOPASSWD: ALL**

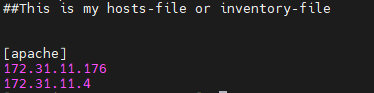
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1. **vi /etc/ansible/hosts & add**

**[apache]**

**172.31.11.176 🡪 1st host IP**

**172.31.11.4 🡪 2nd host IP**

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1. **run “ssh-keygen” and press enter till it exit form both ansible and root users**
2. **Run ssh-copy-id ansible@IP1 & ssh-copy-id ansible@IP2 from both ansible and root users and enter password “ansible” for 1 time verification**

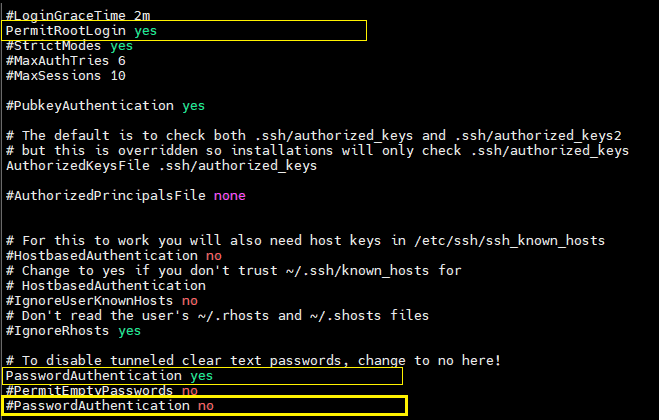
**On all 3 Instances**

1. **useradd ansible**
2. **echo “ansible” | passwd ansible –stdin**
3. **vi /etc/ssh/sshd\_config 🡪**

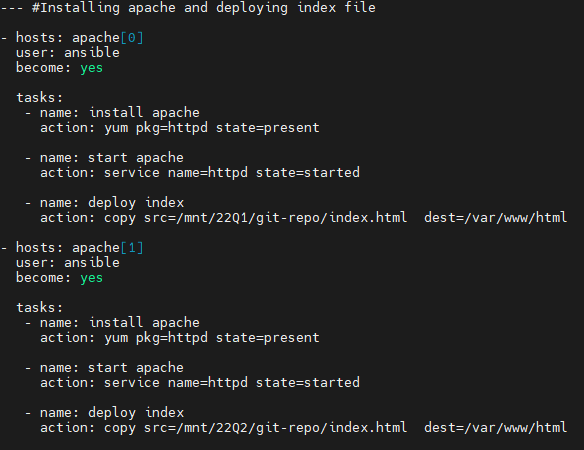
**uncomment PermitRootLogin yes**

**PasswordAuthentication yes**

**comment PasswordAuthentication no**

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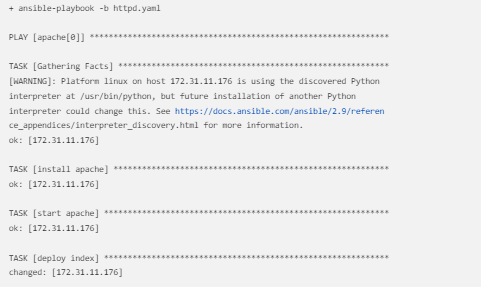
1. **Save & exit**
2. **service sshd restart**
3. **Step 2: cd /mnt** 🡪 **vi httpd.yaml**

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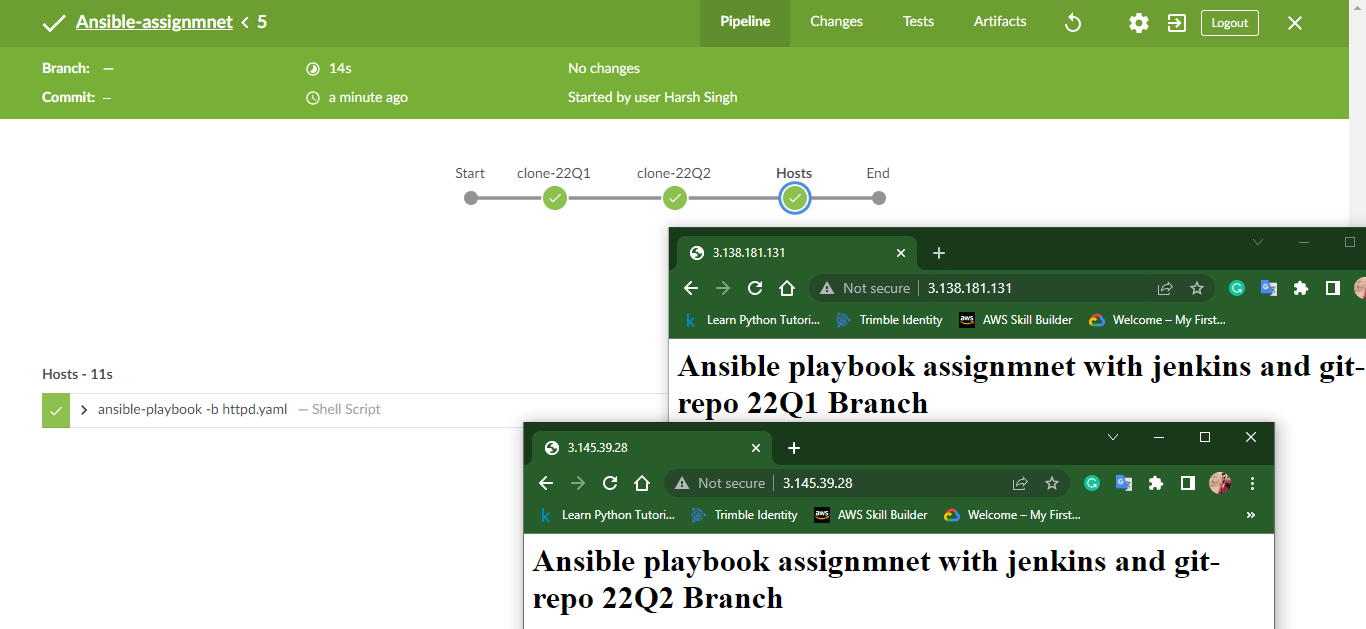
**Step 3: Create Jenkins pipeline 🡪 Ansible-assignment**

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**Result :**

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