

EXPERIMENT 12

AIM: ANSIBLE COMMANDS AND PLAYBOOKS:

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BATCH : 3(NON HONS.)

1. Check list of hosts.

```
Connection to 172.31.5.113 closed.  
[ansible@ip-172-31-5-249 .ssh]$ ansibleupes --list-hosts  
hosts (1):  
172.31.5.113
```

2. Install httpd.

Via Adhoc commands:

Check in node

```
[ansible@ip-172-31-5-113 ~]$ which httpd  
/usr/bin/which: no httpd in (/usr/local/bin:/usr/bin:/usr/local/sbin:/usr/sbin:/home/ansible/.local/bin:/home/ansible/bin)
```

Install on server using adhoc commands

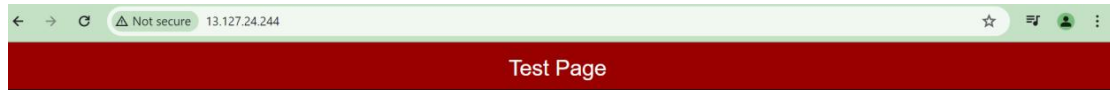
```
172.31.5.113  
[ansible@ip-172-31-5-249 .ssh]$ ansibleupes -a "sudo yum install httpd -y"  
WARNING: Please do not log into this host.  
Installed:  
httpd.x86_64 0:2.4.58-1.amzn2  
Dependency Installed:  
apr.x86_64 0:1.7.2-1.amzn2  
apr-util.x86_64 0:1.6.3-1.amzn2.0.1  
apr-util-bdb.x86_64 0:1.6.3-1.amzn2.0.1  
generic-logos-httpd.noarch 0:18.0.0-4.amzn2  
httpd-filesystem.noarch 0:2.4.58-1.amzn2  
httpd-tools.x86_64 0:2.4.58-1.amzn2  
mailcap.noarch 0:2.1.41-2.amzn2  
mod_http2.x86_64 0:1.15.19-1.amzn2.0.1  
Complete!  
[ansible@ip-172-31-5-249 .ssh]$
```

i-03c26553f4fe38a35 (Ansible-Server)

Now check on node machine

```
[ansible@ip-172-31-5-113 ~]$ which httpd  
/usr/sbin/httpd
```

3. Put public ip of node on browser and see apache web page.



This page is used to test the proper operation of the Apache HTTP server after it has been installed. If you can read this page, it means that the Apache HTTP server installed at this site is working properly.

If you are a member of the general public:

The fact that you are seeing this page indicates that the website you just visited is either experiencing problems, or is undergoing routine maintenance.

If you would like to let the administrators of this website know that you've seen this page instead of the page you expected, you should send them e-mail. In general, mail sent to the name "webmaster" and directed to the website's domain should reach the appropriate person.

For example, if you experienced problems while visiting www.example.com, you should send e-mail to "webmaster@example.com".

If you are the website administrator:

You may now add content to the directory `/var/www/html/`. Note that until you do so, people visiting your website will see this page, and not your content. To prevent this page from ever being used, follow the instructions in the file `/etc/httpd/conf.d/welcome.conf`.

You are free to use the image below on web sites powered by the Apache HTTP Server:



```
complete.  
[ansible@ip-172-31-5-249 .ssh]$ ansibleupes -a "sudo yum remove httpd -y"
```

4. Via playbook

```
[ansible@ip-172-31-5-249 .ssh]$ vi pb1.yml  
[ansible@ip-172-31-5-249 .ssh]$ ansible-playbook pb1.yml  
  
PLAY [upes] *************************************************************************************************************************************  
  
TASK [Gathering Facts] *************************************************************************************************************************************  
[WARNING]: Platform linux on host 172.31.5.113 is using the discovered Python interpreter at /usr/bin/python, but future installation of  
another Python interpreter could change this. See https://docs.ansible.com/ansible/2.9/reference_appendices/interpreter_discovery.html for  
more information.  
ok: [172.31.5.113]  
  
TASK [Un-Install HTTPD] *************************************************************************************************************************************  
ok: [172.31.5.113]  
  
PLAY RECAP *************************************************************************************************************************************  
172.31.5.113 : ok=2 changed=0 unreachable=0 failed=0 skipped=0 rescued=0 ignored=0
```