**Devops Ninja Program**

**Ansible Assignment Day 1:**

**Task :**

**- Host a static website on minimum three hosts using inventory, content of static website is "Index page of Ansible assignment"Document root /opt/html**

**1. Manually**

**Command to install nginx :**

sudo ansible -i /etc/ansible/hosts test -s -m apt -a 'pkg=nginx state=installed’

**Command to copy index.html in /opt:**

sudo ansible -i /etc/ansible/hosts test -m copy -a  "src=/usr/share/nginx/html/index.html dest=opt"

**Logs:**

192.168.0.105 | SUCCESS => {

   "changed": true,

   "checksum": "1c2bb5993eb4f844d6586407ab43891c9549b160",

   "dest": "/etc/nginx/sites-available/default",

   "gid": 0,

   "group": "root",

   "md5sum": "955818e1f0c6cea688e6b97cf6589ce4",

   "mode": "0644",

   "owner": "root",

   "size": 3126,

   "src": "/root/.ansible/tmp/ansible-tmp-1520144078.94-72413555804164/source",

   "state": "file",

   "uid": 0

}

**Command to copy default file to client server :**

sudo ansible -i /etc/ansible/hosts test -m copy -a  "src=/etc/ansible/default dest=/etc/nginx/sites-available"

**Logs:**

192.168.0.104 | SUCCESS => {

   "changed": true,

   "checksum": "300ad283e67a44af01dcdfbc8f07f497d28b1023",

   "dest": "/etc/nginx/sites-available/default",

   "gid": 0,

   "group": "root",

   "md5sum": "6992a86892de1375074631ca7519d4f2",

   "mode": "0644",

   "owner": "root",

   "size": 3143,

   "src": "/root/.ansible/tmp/ansible-tmp-1519906466.01-16630840905597/source",

   "state": "file",

   "uid": 0

**Command to restart nginx service:**

sudo ansible -i hosts test -m service -a "name=nginx state=restarted" --become

**Log :**

192.168.0.104 | SUCCESS => {

   "changed": true,

   "name": "nginx",

   "state": "started"

}