

Mini project on Ansible

Setup an ansible controller on Ubuntu and write a playbooks with three plays. To install apache, to install Git and write a task using debug module

```
root@controller:~/doc# vi playbook.yml
root@controller:~/doc# ansible-playbook playbook.yml

PLAY [Deploy Apache on Ubuntu EC2] *****
TASK [Gathering Facts] *****
ok: [10.0.1.104]
ok: [10.0.1.170]

TASK [Update apt package manager] *****
ok: [10.0.1.170]
ok: [10.0.1.104]

TASK [Install apache apt] *****
ok: [10.0.1.104]
ok: [10.0.1.170]

TASK [Start Apache service apt, if not started] *****
ok: [10.0.1.104]
ok: [10.0.1.170]

TASK [Start Apache on boot] *****
ok: [10.0.1.104]
ok: [10.0.1.170]

TASK [Ensure /var/www/html directory exists] *****
ok: [10.0.1.170]
ok: [10.0.1.104]

TASK [Copy index.html to Apache web root] *****
ok: [10.0.1.170]
ok: [10.0.1.104]

PLAY [Install git on Ubuntu EC2] *****
TASK [Gathering Facts] *****
ok: [10.0.1.170]
ok: [10.0.1.104]
ok: [10.0.1.170]

TASK [Install Git] *****
ok: [10.0.1.104]
ok: [10.0.1.170]

PLAY [Display the name "Justo" on all EC2 instances] *****
TASK [Gathering Facts] *****
ok: [10.0.1.104]
ok: [10.0.1.170]
[WARNING]: Platform linux on host 10.0.1.222 is using the discovered Python interpreter at /usr/bin/python3.7, but future installation of another Python interpreter could change the meaning of that path.
See https://docs.ansible.com/ansible-core/2.16/reference_appendices/interpreter_discovery.html for more information.
ok: [10.0.1.222]
[WARNING]: Platform linux on host 10.0.1.153 is using the discovered Python interpreter at /usr/bin/python3.7, but future installation of another Python interpreter could change the meaning of that path.
See https://docs.ansible.com/ansible-core/2.16/reference_appendices/interpreter_discovery.html for more information.
ok: [10.0.1.153]

PLAY [Display the name "Justo" on all EC2 instances] *****
TASK [Gathering Facts] *****
ok: [10.0.1.104]
ok: [10.0.1.170]
[WARNING]: Platform linux on host 10.0.1.222 is using the discovered Python interpreter at /usr/bin/python3.7, but future installation of another Python interpreter could change the meaning of that path.
See https://docs.ansible.com/ansible-core/2.16/reference_appendices/interpreter_discovery.html for more information.
ok: [10.0.1.222]
[WARNING]: Platform linux on host 10.0.1.153 is using the discovered Python interpreter at /usr/bin/python3.7, but future installation of another Python interpreter could change the meaning of that path.
See https://docs.ansible.com/ansible-core/2.16/reference_appendices/interpreter_discovery.html for more information.
ok: [10.0.1.153]

TASK [Display my name below] *****
ok: [10.0.1.104] => {
  "msg": "Justo Mebodo"
}
ok: [10.0.1.170] => {
  "msg": "Justo Mebodo"
}
ok: [10.0.1.222] => {
  "msg": "Justo Mebodo"
}
ok: [10.0.1.153] => {
  "msg": "Justo Mebodo"
}

PLAY RECAP *****
10.0.1.104      : ok=11  changed=0    unreachable=0    failed=0    skipped=0    rescued=0    ignored=0
10.0.1.153      : ok=2   changed=0    unreachable=0    failed=0    skipped=0    rescued=0    ignored=0
10.0.1.170      : ok=11  changed=0    unreachable=0    failed=0    skipped=0    rescued=0    ignored=0
10.0.1.222      : ok=2   changed=0    unreachable=0    failed=0    skipped=0    rescued=0    ignored=0

root@controller:~/doc#
```

Message display for apache

```
echo "Hello, our apache run on ubuntu nodes with ansible!!"
```

Installation of Git

