

Automation using Ansible: Spin up a new Linux VM using Ansible playbook.

Procedure:

Installation

Step 1: First, ensure that pip is installed.

```
sudo easy_install pip
```

Step 2: Then install Ansible.

```
sudo pip install ansible
```

Step 3: Once the installation has completed you can verify that everything installed correctly by issuing:

```
ansible --version
```

Step 4: If you were installing Ansible on Ubuntu the commands would be:

```
sudo apt update
```

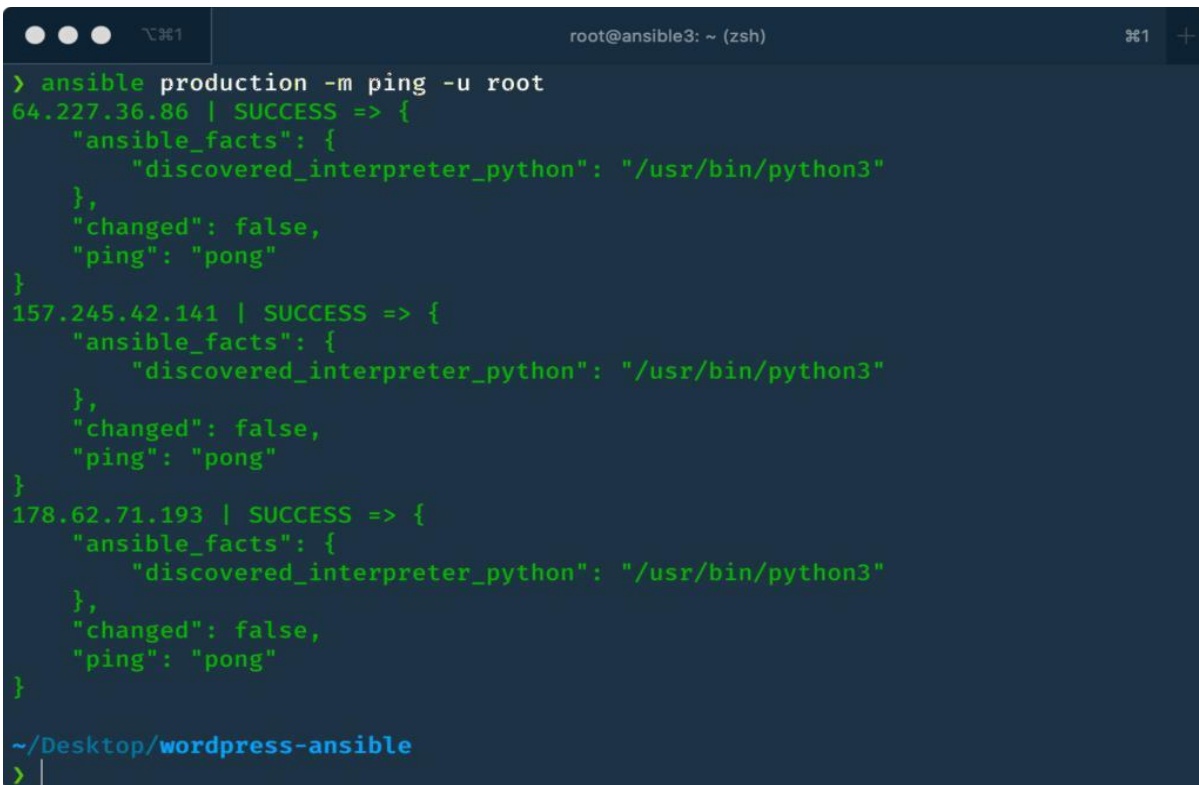
```
sudo apt install software-properties-common
```

```
sudo apt-add-repository --yes --update ppa:ansible/ansible
```

```
sudo apt install ansible
```

Running Commands

ansible production -m ping -u root

A terminal window with a dark blue background and light green text. The window title bar shows three window control buttons and the text 'root@ansible3: ~ (zsh)'. The terminal content shows the execution of the command 'ansible production -m ping -u root'. The output displays three successful ping results for IP addresses 64.227.36.86, 157.245.42.141, and 178.62.71.193. Each result includes a JSON object with 'ansible_facts' (containing 'discovered_interpreter_python' as '/usr/bin/python3'), 'changed' as false, and 'ping' as 'pong'. The terminal ends with the prompt '~ /Desktop/wordpress-ansible' and a new line starting with '>'.

```
> ansible production -m ping -u root
64.227.36.86 | SUCCESS => {
  "ansible_facts": {
    "discovered_interpreter_python": "/usr/bin/python3"
  },
  "changed": false,
  "ping": "pong"
}
157.245.42.141 | SUCCESS => {
  "ansible_facts": {
    "discovered_interpreter_python": "/usr/bin/python3"
  },
  "changed": false,
  "ping": "pong"
}
178.62.71.193 | SUCCESS => {
  "ansible_facts": {
    "discovered_interpreter_python": "/usr/bin/python3"
  },
  "changed": false,
  "ping": "pong"
}
~/Desktop/wordpress-ansible
> |
```