

Ansible on Ubuntu 16.04

Prerequisites

We needed Ubuntu 16.04 and a non-root user with sudo permissions.
Needed SSH keys for the user.

Steps for installing ansible on ubuntu as follows:

1. Make sure your Ubuntu machine is up to date with latest packages
sudo apt-get update -y
sudo apt-get install software-properties-common -y
2. Ansible is not available in the Ubuntu default repository:
To Add repository: # **sudo apt-add-repository ppa:ansible/ansible**

```
devops@master:~$ sudo apt-get update
Hit:1 http://us-east-1.ec2.archive.ubuntu.com/ubuntu xenial InRelease
Get:2 http://us-east-1.ec2.archive.ubuntu.com/ubuntu xenial-updates InRelease [109 kB]
Get:3 http://us-east-1.ec2.archive.ubuntu.com/ubuntu xenial-backports InRelease [107 kB]
Get:4 http://security.ubuntu.com/ubuntu xenial-security InRelease [107 kB]
Hit:5 http://ppa.launchpad.net/ansible/ansible/ubuntu xenial InRelease
Fetched 323 kB in 0s (714 kB/s)
Reading package lists... Done
devops@master:~$ sudo apt-get install software-properties-common -y
Reading package lists... Done
Building dependency tree
Reading state information... Done
software-properties-common is already the newest version (0.96.20.7).
0 upgraded, 0 newly installed, 0 to remove and 24 not upgraded.
devops@master:~$ sudo apt-add-repository ppa:ansible/ansible -y
gpg: keyring `/tmp/tmpwvqwlwrj/secring.gpg' created
gpg: keyring `/tmp/tmpwvqwlwrj/pubring.gpg' created
gpg: requesting key 7BB9C367 from hkp server keyserver.ubuntu.com
gpg: /tmp/tmpwvqwlwrj/trustdb.gpg: trustdb created
gpg: key 7BB9C367: public key "Launchpad PPA for Ansible, Inc." imported
gpg: Total number processed: 1
gpg:      imported: 1 (RSA: 1)
OK
devops@master:~$
```

3. Install ansible after successfully adding the ansible ppa repository

sudo apt-get install ansible -y

```
OK
devops@master:~$ sudo apt-get install ansible -y
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following packages will be upgraded:
  ansible
1 upgraded, 0 newly installed, 0 to remove and 23 not upgraded.
Need to get 3,893 kB of archives.
After this operation, 32.8 kB of additional disk space will be used.
Get:1 http://ppa.launchpad.net/ansible/ansible/ubuntu xenial/main amd64
Fetched 3,893 kB in 7s (548 kB/s)
(Reading database ... 90146 files and directories currently installed.)
Preparing to unpack .../ansible_2.7.1-1ppa~xenial_all.deb ...
Unpacking ansible (2.7.1-1ppa~xenial) over (2.7.0-1ppa~xenial) ...
Processing triggers for man-db (2.7.5-1) ...
Setting up ansible (2.7.1-1ppa~xenial) ...
Installing new version of config file /etc/ansible/ansible.cfg ...
devops@master:~$
```

4. Check for ansible version after installation completed.

ansible --version

```
devops@master:~$ ansible --version
ansible 2.7.1
  config file = /etc/ansible/ansible.cfg
  configured module search path = [u'/home/devops/.ansible/plugins/modules', u'/
  ansible python module location = /usr/lib/python2.7/dist-packages/ansible
  executable location = /usr/bin/ansible
  python version = 2.7.12 (default, Dec  4 2017, 14:50:18) [GCC 5.4.0 20160609]
devops@master:~$
```