

# **20MCA136-NETWORKING & ADMINISTRATION**

## **LAB EXPERIMENT**

### **Ansible Installation**

SUBMITTED BY,

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## Step 1: Ansible Installation

sudo apt-get install ansible

```
vivin@vivin:~$ sudo apt-get install ansible
[sudo] password for vivin:
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following additional packages will be installed:
  ieee-data libpython-stdlib python python-asn1crypto python-certifi
  python-cffi-backend python-chardet python-crypto python-cryptography
  python-enum34 python-httplib2 python-idna python-ipaddress python-jinja2
  python-jmespath python-kerberos python-libcloud python-lockfile
  python-markupsafe python-minimal python-netaddr python-openssl
  python-paramiko python-pkg-resources python-pyasn1 python-requests
  python-selinux python-simplejson python-six python-urllib3 python-xlwtodict
  python-yaml python2.7 python2.7-minimal
Suggested packages:
  cowsay sshpass python-doc python-tk python-crypto-doc
  python-cryptography-doc python-cryptography-vectors python-enum34-doc
  python-jinja2-doc python-lockfile-doc ipython python-netaddr-docs
  python-openssl-doc python-openssl-dbg python-gssapi python-setuptools
  python-socks python-ntlm python2.7-doc binfmt-support
Recommended packages:
  python-winnm
The following NEW packages will be installed:
  ansible ieee-data libpython-stdlib python python-asn1crypto python-certifi
  python-cffi-backend python-chardet python-crypto python-cryptography
  python-enum34 python-httplib2 python-idna python-ipaddress python-jinja2
  python-jmespath python-kerberos python-libcloud python-lockfile
  python-markupsafe python-minimal python-netaddr python-openssl
  python-paramiko python-pkg-resources python-pyasn1 python-requests
  python-selinux python-simplejson python-six python-urllib3 python-xlwtodict
  python-yaml python2.7 python2.7-minimal
0 upgraded, 35 newly installed, 0 to remove and 0 not upgraded.
Need to get 9,874 kB of archives.
After this operation, 67.9 MB of additional disk space will be used.
Do you want to continue? [Y/n] y
Get:1 http://in.archive.ubuntu.com/ubuntu bionic-updates/main amd64 python2.7-minimal amd64 2.7.17-1~18.04ubuntu1.6 [1,291 kB]
Get:2 http://in.archive.ubuntu.com/ubuntu bionic/main amd64 python-minimal amd64 2.7.15-rc1-1 [28.1 kB]
Get:3 http://in.archive.ubuntu.com/ubuntu bionic-updates/main amd64 python2.7 amd64 2.7.17-1~18.04ubuntu1.6 [248 kB]
Get:4 http://in.archive.ubuntu.com/ubuntu bionic/main amd64 libpython-stdlib amd64 2.7.15-rc1-1 [7,620 B]
Get:5 http://in.archive.ubuntu.com/ubuntu bionic/main amd64 python amd64 2.7.15-rc1-1 [140 kB]
Get:6 http://in.archive.ubuntu.com/ubuntu bionic/main amd64 python-asn1crypto all 0.24.0-1 [72.7 kB]
Get:7 http://in.archive.ubuntu.com/ubuntu bionic/main amd64 python-cffi-backend amd64 1.11.5-1 [63.4 kB]
Get:8 http://in.archive.ubuntu.com/ubuntu bionic/main amd64 python-enum34 all 1.1.6-2 [34.8 kB]
```

## Step 2: Check version of ansible and python

ansible --version

```
Processing triggers for libc-bin (2.27-0ubuntu1) ...
vivin@vivin:~$ ansible --version
ansible 2.5.1
  config file = /etc/ansible/ansible.cfg
  configured module search path = [u'/home/vivin/.ansible/plugins/modules', u'/usr/share/ansible/plugins/modules']
  ansible python module location = /usr/lib/python2.7/dist-packages/ansible
  executable location = /usr/bin/ansible
  python version = 2.7.17 (default, Feb 27 2021, 15:10:58) [GCC 7.5.0]
vivin@vivin:~$
```