

# **Networking & System Administration Lab**

## **ANSIBLE INSTALLATION**

Submitted by:

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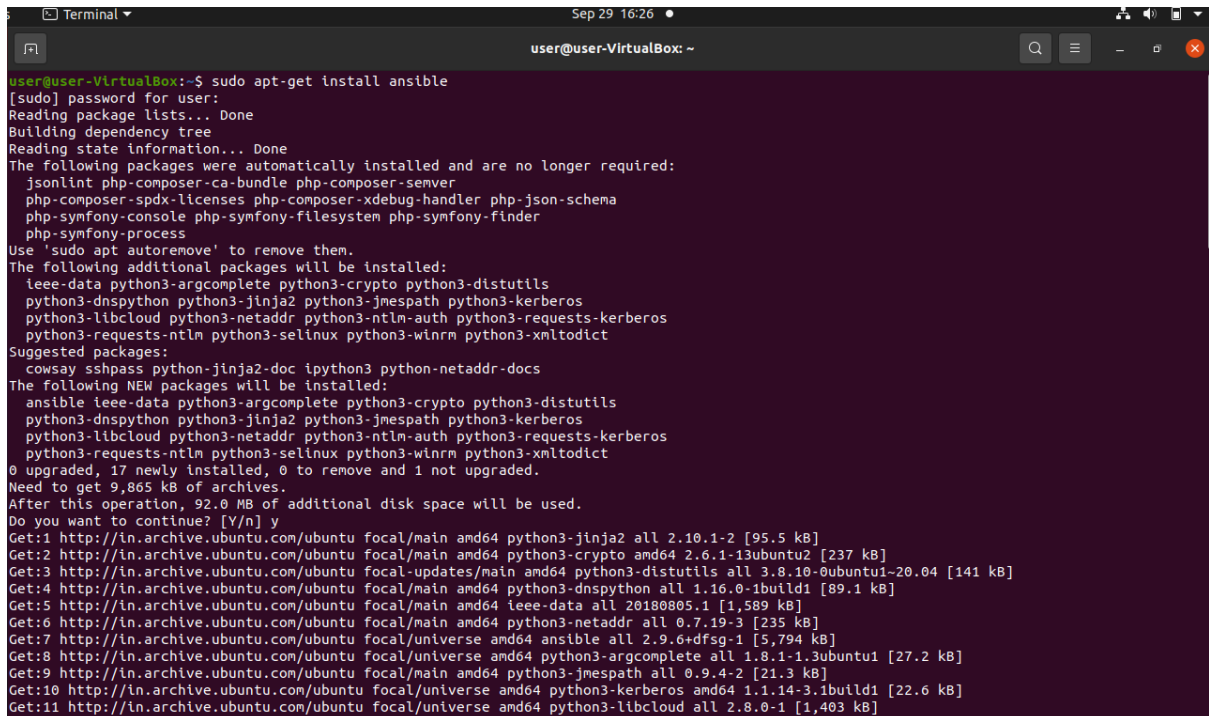
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# ANSIBLE INSTALLATION

## Step 1:

Install Ansible using **sudo apt-get install ansible**



```
user@user-VirtualBox: ~  
$ sudo apt-get install ansible  
[sudo] password for user:  
Reading package lists... Done  
Building dependency tree  
Reading state information... Done  
The following packages were automatically installed and are no longer required:  
  jsonlint php-composer-ca-bundle php-composer-semver  
  php-composer-spdx-licenses php-composer-xdebug-handler php-json-schema  
  php-symfony-console php-symfony-filesystem php-symfony-finder  
  php-symfony-process  
Use 'sudo apt autoremove' to remove them.  
The following additional packages will be installed:  
  ieee-data python3-argcomplete python3-crypto python3-distutils  
  python3-dnspython python3-jinja2 python3-jmespath python3-kerberos  
  python3-libcloud python3-netaddr python3-ntlm-auth python3-requests-kerberos  
  python3-requests-ntlm python3-selinux python3-wintrm python3-xmltodict  
Suggested packages:  
  cowsay sshpass python-jinja2-doc ipython3 python-netaddr-docs  
The following NEW packages will be installed:  
  ansible ieee-data python3-argcomplete python3-crypto python3-distutils  
  python3-dnspython python3-jinja2 python3-jmespath python3-kerberos  
  python3-libcloud python3-netaddr python3-ntlm-auth python3-requests-kerberos  
  python3-requests-ntlm python3-selinux python3-wintrm python3-xmltodict  
0 upgraded, 17 newly installed, 0 to remove and 1 not upgraded.  
Need to get 9,865 kB of archives.  
After this operation, 92.0 MB of additional disk space will be used.  
Do you want to continue? [Y/n] y  
Get:1 http://in.archive.ubuntu.com/ubuntu focal/main amd64 python3-jinja2 all 2.10.1-2 [95.5 kB]  
Get:2 http://in.archive.ubuntu.com/ubuntu focal/main amd64 python3-crypto amd64 2.6.1-13ubuntu2 [237 kB]  
Get:3 http://in.archive.ubuntu.com/ubuntu focal-updates/main amd64 python3-distutils all 3.8.10-0ubuntu1-20.04 [141 kB]  
Get:4 http://in.archive.ubuntu.com/ubuntu focal/main amd64 python3-dnspython all 1.16.0-1build1 [89.1 kB]  
Get:5 http://in.archive.ubuntu.com/ubuntu focal/main amd64 ieee-data all 20180805.1 [1,589 kB]  
Get:6 http://in.archive.ubuntu.com/ubuntu focal/main amd64 python3-netaddr all 0.7.19-3 [235 kB]  
Get:7 http://in.archive.ubuntu.com/ubuntu focal/universe amd64 ansible all 2.9.6+dfsg-1 [5,794 kB]  
Get:8 http://in.archive.ubuntu.com/ubuntu focal/universe amd64 python3-argcomplete all 1.8.1-1.3ubuntu1 [27.2 kB]  
Get:9 http://in.archive.ubuntu.com/ubuntu focal/main amd64 python3-jmespath all 0.9.4-2 [21.3 kB]  
Get:10 http://in.archive.ubuntu.com/ubuntu focal/universe amd64 python3-kerberos amd64 1.1.14-3.1build1 [22.6 kB]  
Get:11 http://in.archive.ubuntu.com/ubuntu focal/universe amd64 python3-libcloud all 2.8.0-1 [1,403 kB]
```

## Step 2:

Check ansible version using **ansible --version**



```
Setting up python3-requests-kerberos (0.12.0-2) ...  
Setting up ieee-data (20180805.1) ...  
Setting up python3-dnspython (1.16.0-1build1) ...  
Setting up python3-selinux (3.0-1build2) ...  
Setting up python3-crypto (2.6.1-13ubuntu2) ...  
Setting up python3-argcomplete (1.8.1-1.3ubuntu1) ...  
Setting up python3-requests-ntlm (1.1.0-1) ...  
Setting up python3-libcloud (2.8.0-1) ...  
Setting up python3-netaddr (0.7.19-3) ...  
/usr/lib/python3/dist-packages/netaddr/strategy/__init__.py:189: SyntaxWarning: "is not" with a literal. Did you mean "!="?  
  if word_sep is not '':  
Setting up python3-wintrm (0.3.0-2) ...  
Setting up ansible (2.9.6+dfsg-1) ...  
Processing triggers for man-db (2.9.1-1) ...  
user@user-VirtualBox:~$ ansible --version  
ansible 2.9.6  
  config file = /etc/ansible/ansible.cfg  
  configured module search path = ['/home/user/.ansible/plugins/modules', '/usr/share/ansible/plugins/modules']  
  ansible python module location = /usr/lib/python3/dist-packages/ansible  
  executable location = /usr/bin/ansible  
  python version = 3.8.10 (default, Jun 2 2021, 10:49:15) [GCC 9.4.0]  
user@user-VirtualBox:~$
```