

Ansible Lab 01 Guide

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Syntax and usage section

A Command that is run by the user will following a \$ and look like:

```
$ sudo apt-get update
```

Validate the environment

Before starting the install of ansible, ansible pre-reqs must be installed. These pre-reqs are few. Validate that python 2.x is installed and accessiblity to the ansible install packages.

```
$ python
Python 2.7.6 (default, Jun 22 2015, 17:58:13)
[GCC 4.8.2] on linux2
Type "help", "copyright", "credits" or "license" for more information.
>>> exit()
```

If python is not installed, install Python

```
$ sudo apt-get -y install python python-setuptools python-dev
```

After validating Python is installed, install the software-properties-common package for apt. First update the software repo by running

```
$ sudo apt-get update
```

After which, install the software-properties-common package.

```
$ sudo apt-get -y install software-properties-common
```

This provides additional functions to Ubuntu apt program. Once the package is installed, add the ansible ppa:ansible repository.

```
$ sudo apt-add-repository -y ppa:ansible/ansible
```

Once install, update apt-get, this updates the available packages in the ppa.

```
$ sudo apt-get update
```

After updating the apt-get repository, install ansible by running:

```
$ sudo apt-get -y install ansible
```

This will install ansible; once completed, validate that ansible has been successfully installed.

```
$ ansible
Usage: ansible <host-pattern> [options]
Options:
  -a MODULE_ARGS, --args=MODULE_ARGS
                        module arguments
  --ask-become-pass    ask for privilege escalation password
  -k, --ask-pass       ask for connection password
  --ask-su-pass        ask for su password (deprecated, use become)
  -K, --ask-sudo-pass  ask for sudo password (deprecated, use become)
  --ask-vault-pass     ask for vault password
```

Check the installed version of ansible:

```
$ ansible --version
ansible 2.0.0.2
config file = /home/vagrant/ansible.cfg
configured module search path = Default w/o overrides
```