

Installing ansible on RHEL 6.6.

Ansible is a radically simple IT automation engine that automates cloud provisioning, configuration management, application deployment, intra-service orchestration, and many other IT needs. For more detail, hop over to docs.ansible.com.

Download epel and install.

```
[root@server-cloudera-manager ~]# wget \
    http://download.fedoraproject.org/pub/epel/6/x86_64/epel-release-6-8.noarch.rpm
[root@server-cloudera-manager ~]# rpm -ivh epel-release-6-8.noarch.rpm
warning: epel-release-6-8.noarch.rpm: Header V3 RSA/SHA256 Signature, key ID 0608b895: NOKEY
Preparing... ##### [100%]
   1:epel-release          /etc/yum.repos.d/epel.repo
##### [100%]
```

IMPORTANT : As of now in redhat 6.6 python-jinja2 is moved to optional repo in redhat from epel. So we need to enable optional repo in redhat.

- Information on python-jinja2 move from EPEL: <http://docs.saltstack.com/en/latest/topics/installation/rh>
- How to enable repo: <https://access.redhat.com/solutions/265523>

ERROR before we enable the optional rpms.

```
[root@server ~]# yum install ansible
Loaded plugins: product-id, rhnplugin, security, subscription-manager
epel/metalink | 12 kB 00:00
epel | 4.3 kB 00:00
epel/primary_db | 5.7 MB 00:43
rhel-6-server-rpms | 3.7 kB 00:00
rhel-6-server-rpms/primary_db | 35 MB 01:29
rhel-server-dts-6-rpms | 2.9 kB 00:00
rhel-server-dts2-6-rpms | 2.9 kB 00:00
Resolving Dependencies
--> Running transaction check
---> Package ansible.noarch 0:1.9.2-1.el6 will be installed
--> Processing Dependency: python-simplejson for package: ansible-1.9.2-1.el6.noarch
--> Processing Dependency: python-keyczar for package: ansible-1.9.2-1.el6.noarch
--> Processing Dependency: python-jinja2 for package: ansible-1.9.2-1.el6.noarch
--> Processing Dependency: python-httplib2 for package: ansible-1.9.2-1.el6.noarch
--> Processing Dependency: python-crypto2.6 for package: ansible-1.9.2-1.el6.noarch
--> Processing Dependency: PyYAML for package: ansible-1.9.2-1.el6.noarch
--> Running transaction check
---> Package PyYAML.x86_64 0:3.10-3.1.el6 will be installed
--> Processing Dependency: libyaml-0.so.2()(64bit) for package: PyYAML-3.10-3.1.el6.x86_64
---> Package ansible.noarch 0:1.9.2-1.el6 will be installed
```

```

--> Processing Dependency: python-jinja2 for package: ansible-1.9.2-1.el6.noarch
----> Package python-crypto2.6.x86_64 0:2.6.1-2.el6 will be installed
----> Package python-httplib2.noarch 0:0.7.7-1.el6 will be installed
----> Package python-keyczar.noarch 0:0.71c-1.el6 will be installed
--> Processing Dependency: python-pyasn1 for package: python-keyczar-0.71c-1.el6.noarch
----> Package python-simplejson.x86_64 0:2.0.9-3.1.el6 will be installed
--> Running transaction check
----> Package ansible.noarch 0:1.9.2-1.el6 will be installed
--> Processing Dependency: python-jinja2 for package: ansible-1.9.2-1.el6.noarch
----> Package libyaml.x86_64 0:0.1.3-4.el6_6 will be installed
----> Package python-pyasn1.noarch 0:0.0.12a-1.el6 will be installed
--> Finished Dependency Resolution
Error: Package: ansible-1.9.2-1.el6.noarch (epel)
       Requires: python-jinja2
You could try using --skip-broken to work around the problem
You could try running: rpm -Va --nofiles --nodigest
[root@server ~]#

```

Here is more verbose from the installation.

Enable optional repo.

```

[root@server-cloudera-manager yum.repos.d]# subscription-manager repos \
--enable=rhel-6-server-optional-rpms

```

Install ansible.

```

[root@server-cloudera-manager ~]# yum install ansible

```

```

=====
Package           Arch   Version      Repository      Size
=====
Installing:
ansible           noarch 1.9.2-1.el6  epel            1.7 M
Installing for dependencies:
PyYAML            x86_64 3.10-3.1.el6 rhel-6-server-rpms 157 k
libyaml           x86_64 0.1.3-4.el6_6 rhel-6-server-rpms 52 k
python-babel      noarch 0.9.4-5.1.el6 rhel-6-server-rpms 1.4 M
python-crypto2.6 x86_64 2.6.1-2.el6  epel            513 k
python-httplib2   noarch 0.7.7-1.el6  epel            70 k
python-jinja2     x86_64 2.2.1-2.el6_5 rhel-6-server-optional-rpms 466 k
python-keyczar    noarch 0.71c-1.el6  epel            219 k
python-pyasn1     noarch 0.0.12a-1.el6 rhel-6-server-rpms 70 k
python-simplejson x86_64 2.0.9-3.1.el6 rhel-6-server-rpms 126 k

```

Transaction Summary

```

=====
Install      10 Package(s)

```

```

[root@server-cloudera-manager ~]# ansible --version
ansible 1.9.2
  configured module search path = None
[root@server-cloudera-manager ~]#

```