pb186007@WINPB186007-S9F MINGW64 ~/Desktop

$ ssh -i "redhat1\_key.pem" ec2-user@ec2-3-16-167-196.us-east-2.compute.amazonaws.com

Last login: Sat Dec 22 03:48:50 2018 from 223.230.82.79

[ec2-user@workstation ~]$ sudo -i

[root@workstation ~]# vi /etc/hostname

[root@workstation ~]# Connection to ec2-3-16-167-196.us-east-2.compute.amazonaws.com closed by remote host.

Connection to ec2-3-16-167-196.us-east-2.compute.amazonaws.com closed.

pb186007@WINPB186007-S9F MINGW64 ~/Desktop

$ ssh -i "redhat1\_key.pem" ec2-user@ec2-3-16-167-196.us-east-2.compute.amazonaws.com

Last login: Thu Dec 27 02:37:43 2018 from nat10.teradata.com

[ec2-user@controller ~]$ sudo -i

[root@controller ~]# yum update -y

Loaded plugins: amazon-id, rhui-lb, search-disabled-repos

rhui-REGION-client-config-server-7 | 2.9 kB 00:00

rhui-REGION-rhel-server-releases | 3.5 kB 00:00

rhui-REGION-rhel-server-rh-common | 3.8 kB 00:00

No packages marked for update

[root@controller ~]#

[root@controller ~]#

[root@controller ~]# vi /etc/yum/pluginconf.d/subscription-manager.conf

[root@controller ~]# cat /etc/yum/pluginconf.d/subscription-manager.conf

[main]

enabled=0

[root@controller ~]# rpm -Uvh <https://dl.fedoraproject.org/pub/epel/epel-release-latest-7.noarch.rpm>

Retrieving https://dl.fedoraproject.org/pub/epel/epel-release-latest-7.noarch.rpm

warning: /var/tmp/rpm-tmp.V8eVhR: Header V3 RSA/SHA256 Signature, key ID 352c64e5: NOKEY

Preparing... ################################# [100%]

Updating / installing...

1:epel-release-7-11 ################################# [100%]

[root@controller ~]#

[root@controller ~]#

[root@controller ~]#

[root@controller ~]# yum update

Loaded plugins: amazon-id, rhui-lb, search-disabled-repos

epel/x86\_64/metalink | 18

epel | 3.2

(1/3): epel/x86\_64/group\_gz | 88

(2/3): epel/x86\_64/primary | 3.6

epel/x86\_64/updateinfo FAILED

http://csc.mcs.sdsmt.edu/epel/7/x86\_64/repodata/31258da0aacc525b9e6d7454d68d486eec48439fcb68cfe7e0653975887dede7-updatrrno 12] Timeout on http://csc.mcs.sdsmt.edu/epel/7/x86\_64/repodata/31258da0aacc525b9e6d7454d68d486eec48439fcb68cfe7e0dateinfo.xml.bz2: (28, 'Connection timed out after 30001 milliseconds')

Trying other mirror.

(3/3): epel/x86\_64/updateinfo | 944

epel

No packages marked for update

[root@controller ~]#

[root@controller ~]# yum update -y

Loaded plugins: amazon-id, rhui-lb, search-disabled-repos

No packages marked for update

[root@controller ~]#

[root@controller ~]#

[root@controller ~]# yum install ansible

Loaded plugins: amazon-id, rhui-lb, search-disabled-repos

Resolving Dependencies

--> Running transaction check

---> Package ansible.noarch 0:2.7.5-1.el7 will be installed

--> Processing Dependency: sshpass for package: ansible-2.7.5-1.el7.noarch

--> Processing Dependency: python2-jmespath for package: ansible-2.7.5-1.el7.noarch

--> Processing Dependency: python-paramiko for package: ansible-2.7.5-1.el7.noarch

--> Processing Dependency: python-keyczar for package: ansible-2.7.5-1.el7.noarch

--> Processing Dependency: python-httplib2 for package: ansible-2.7.5-1.el7.noarch

--> Processing Dependency: python-crypto for package: ansible-2.7.5-1.el7.noarch

--> Running transaction check

---> Package python-httplib2.noarch 0:0.9.2-0.1.el7 will be installed

---> Package python-keyczar.noarch 0:0.71c-2.el7 will be installed

--> Processing Dependency: python-pyasn1 for package: python-keyczar-0.71c-2.el7.noarch

---> Package python-paramiko.noarch 0:2.1.1-9.el7 will be installed

--> Processing Dependency: python-cryptography for package: python-paramiko-2.1.1-9.el7.noarch

---> Package python2-crypto.x86\_64 0:2.6.1-13.el7 will be installed

--> Processing Dependency: libtomcrypt.so.0()(64bit) for package: python2-crypto-2.6.1-13.el7.x86\_64

---> Package python2-jmespath.noarch 0:0.9.0-1.el7 will be installed

---> Package sshpass.x86\_64 0:1.06-1.el7 will be installed

--> Running transaction check

---> Package libtomcrypt.x86\_64 0:1.17-25.el7 will be installed

--> Processing Dependency: libtommath >= 0.42.0 for package: libtomcrypt-1.17-25.el7.x86\_64

--> Processing Dependency: libtommath.so.0()(64bit) for package: libtomcrypt-1.17-25.el7.x86\_64

---> Package python2-cryptography.x86\_64 0:1.7.2-2.el7 will be installed

--> Processing Dependency: python-cffi >= 1.4.1 for package: python2-cryptography-1.7.2-2.el7.x86\_64

--> Processing Dependency: python-idna >= 2.0 for package: python2-cryptography-1.7.2-2.el7.x86\_64

--> Processing Dependency: python-enum34 for package: python2-cryptography-1.7.2-2.el7.x86\_64

---> Package python2-pyasn1.noarch 0:0.1.9-7.el7 will be installed

--> Running transaction check

---> Package libtommath.x86\_64 0:0.42.0-5.el7 will be installed

---> Package python-cffi.x86\_64 0:1.6.0-5.el7 will be installed

--> Processing Dependency: python-pycparser for package: python-cffi-1.6.0-5.el7.x86\_64

---> Package python-enum34.noarch 0:1.0.4-1.el7 will be installed

---> Package python-idna.noarch 0:2.4-1.el7 will be installed

--> Running transaction check

---> Package python-pycparser.noarch 0:2.14-1.el7 will be installed

--> Processing Dependency: python-ply for package: python-pycparser-2.14-1.el7.noarch

--> Running transaction check

---> Package python-ply.noarch 0:3.4-11.el7 will be installed

--> Finished Dependency Resolution

Dependencies Resolved

======================================================================================================================

Package Arch Version Repository Size

======================================================================================================================

Installing:

ansible noarch 2.7.5-1.el7 epel 11 M

Installing for dependencies:

libtomcrypt x86\_64 1.17-25.el7 epel 225 k

libtommath x86\_64 0.42.0-5.el7 epel 35 k

python-cffi x86\_64 1.6.0-5.el7 rhui-REGION-rhel-server-releases 218 k

python-enum34 noarch 1.0.4-1.el7 rhui-REGION-rhel-server-releases 52 k

python-httplib2 noarch 0.9.2-0.1.el7 epel 115 k

python-idna noarch 2.4-1.el7 rhui-REGION-rhel-server-releases 94 k

python-keyczar noarch 0.71c-2.el7 epel 218 k

python-paramiko noarch 2.1.1-9.el7 rhui-REGION-rhel-server-releases 269 k

python-ply noarch 3.4-11.el7 rhui-REGION-rhel-server-releases 123 k

python-pycparser noarch 2.14-1.el7 rhui-REGION-rhel-server-releases 105 k

python2-crypto x86\_64 2.6.1-13.el7 epel 476 k

python2-cryptography x86\_64 1.7.2-2.el7 rhui-REGION-rhel-server-releases 503 k

python2-jmespath noarch 0.9.0-1.el7 epel 39 k

python2-pyasn1 noarch 0.1.9-7.el7 rhui-REGION-rhel-server-releases 100 k

sshpass x86\_64 1.06-1.el7 epel 21 k

Transaction Summary

======================================================================================================================

Install 1 Package (+15 Dependent packages)

Total download size: 14 M

Installed size: 71 M

Is this ok [y/d/N]: y

Downloading packages:

warning: /var/cache/yum/x86\_64/7Server/epel/packages/ansible-2.7.5-1.el7.noarch.rpm: Header V3 RSA/SHA256 Signature, key ID 352c64e5: NOKEY

Public key for ansible-2.7.5-1.el7.noarch.rpm is not installed

(1/16): ansible-2.7.5-1.el7.noarch.rpm | 11 MB 00:00:00

(2/16): libtomcrypt-1.17-25.el7.x86\_64.rpm | 225 kB 00:00:00

(3/16): libtommath-0.42.0-5.el7.x86\_64.rpm | 35 kB 00:00:00

(4/16): python-httplib2-0.9.2-0.1.el7.noarch.rpm | 115 kB 00:00:00

(5/16): python-cffi-1.6.0-5.el7.x86\_64.rpm | 218 kB 00:00:00

(6/16): python-enum34-1.0.4-1.el7.noarch.rpm | 52 kB 00:00:00

(7/16): python-keyczar-0.71c-2.el7.noarch.rpm | 218 kB 00:00:00

(8/16): python-idna-2.4-1.el7.noarch.rpm | 94 kB 00:00:00

(9/16): python-paramiko-2.1.1-9.el7.noarch.rpm | 269 kB 00:00:00

(10/16): python-ply-3.4-11.el7.noarch.rpm | 123 kB 00:00:00

(11/16): python-pycparser-2.14-1.el7.noarch.rpm | 105 kB 00:00:00

(12/16): python2-crypto-2.6.1-13.el7.x86\_64.rpm | 476 kB 00:00:00

(13/16): python2-cryptography-1.7.2-2.el7.x86\_64.rpm | 503 kB 00:00:00

(14/16): python2-jmespath-0.9.0-1.el7.noarch.rpm | 39 kB 00:00:00

(15/16): python2-pyasn1-0.1.9-7.el7.noarch.rpm | 100 kB 00:00:00

(16/16): sshpass-1.06-1.el7.x86\_64.rpm | 21 kB 00:00:00

----------------------------------------------------------------------------------------------------------------------

Total 13 MB/s | 14 MB 00:00:01

Retrieving key from file:///etc/pki/rpm-gpg/RPM-GPG-KEY-EPEL-7

Importing GPG key 0x352C64E5:

Userid : "Fedora EPEL (7) <epel@fedoraproject.org>"

Fingerprint: 91e9 7d7c 4a5e 96f1 7f3e 888f 6a2f aea2 352c 64e5

Package : epel-release-7-11.noarch (installed)

From : /etc/pki/rpm-gpg/RPM-GPG-KEY-EPEL-7

Is this ok [y/N]: y

Running transaction check

Running transaction test

Transaction test succeeded

Running transaction

Warning: RPMDB altered outside of yum.

Installing : python2-pyasn1-0.1.9-7.el7.noarch 1/16

Installing : python2-jmespath-0.9.0-1.el7.noarch 2/16

Installing : libtommath-0.42.0-5.el7.x86\_64 3/16

Installing : libtomcrypt-1.17-25.el7.x86\_64 4/16

Installing : python2-crypto-2.6.1-13.el7.x86\_64 5/16

Installing : python-keyczar-0.71c-2.el7.noarch 6/16

Installing : python-enum34-1.0.4-1.el7.noarch 7/16

Installing : sshpass-1.06-1.el7.x86\_64 8/16

Installing : python-ply-3.4-11.el7.noarch 9/16

Installing : python-pycparser-2.14-1.el7.noarch 10/16

Installing : python-cffi-1.6.0-5.el7.x86\_64 11/16

Installing : python-httplib2-0.9.2-0.1.el7.noarch 12/16

Installing : python-idna-2.4-1.el7.noarch 13/16

Installing : python2-cryptography-1.7.2-2.el7.x86\_64 14/16

Installing : python-paramiko-2.1.1-9.el7.noarch 15/16

Installing : ansible-2.7.5-1.el7.noarch 16/16

Verifying : python-keyczar-0.71c-2.el7.noarch 1/16

Verifying : python-idna-2.4-1.el7.noarch 2/16

Verifying : libtomcrypt-1.17-25.el7.x86\_64 3/16

Verifying : python-httplib2-0.9.2-0.1.el7.noarch 4/16

Verifying : python-paramiko-2.1.1-9.el7.noarch 5/16

Verifying : python-pycparser-2.14-1.el7.noarch 6/16

Verifying : python-ply-3.4-11.el7.noarch 7/16

Verifying : sshpass-1.06-1.el7.x86\_64 8/16

Verifying : python2-pyasn1-0.1.9-7.el7.noarch 9/16

Verifying : python-cffi-1.6.0-5.el7.x86\_64 10/16

Verifying : python-enum34-1.0.4-1.el7.noarch 11/16

Verifying : ansible-2.7.5-1.el7.noarch 12/16

Verifying : libtommath-0.42.0-5.el7.x86\_64 13/16

Verifying : python2-cryptography-1.7.2-2.el7.x86\_64 14/16

Verifying : python2-jmespath-0.9.0-1.el7.noarch 15/16

Verifying : python2-crypto-2.6.1-13.el7.x86\_64 16/16

Installed:

ansible.noarch 0:2.7.5-1.el7

Dependency Installed:

libtomcrypt.x86\_64 0:1.17-25.el7 libtommath.x86\_64 0:0.42.0-5.el7

python-cffi.x86\_64 0:1.6.0-5.el7 python-enum34.noarch 0:1.0.4-1.el7

python-httplib2.noarch 0:0.9.2-0.1.el7 python-idna.noarch 0:2.4-1.el7

python-keyczar.noarch 0:0.71c-2.el7 python-paramiko.noarch 0:2.1.1-9.el7

python-ply.noarch 0:3.4-11.el7 python-pycparser.noarch 0:2.14-1.el7

python2-crypto.x86\_64 0:2.6.1-13.el7 python2-cryptography.x86\_64 0:1.7.2-2.el7

python2-jmespath.noarch 0:0.9.0-1.el7 python2-pyasn1.noarch 0:0.1.9-7.el7

sshpass.x86\_64 0:1.06-1.el7

Complete!

[root@controller ~]#

[root@controller ~]#

[root@controller ~]#

[root@controller ~]# ansible --version

ansible 2.7.5

config file = /etc/ansible/ansible.cfg

configured module search path = [u'/root/.ansible/plugins/modules', u'/usr/share/ansible/plugins/modules']

ansible python module location = /usr/lib/python2.7/site-packages/ansible

executable location = /bin/ansible

python version = 2.7.5 (default, Sep 12 2018, 05:31:16) [GCC 4.8.5 20150623 (Red Hat 4.8.5-36)]

[root@controller ~]#

[root@controller ~]#

[root@controller ~]#

[root@controller ~]# yum update

Loaded plugins: amazon-id, rhui-lb, search-disabled-repos

No packages marked for update

[root@controller ~]#

[root@controller ~]#

[root@controller ~]# adduser demouser

[root@controller ~]# passwd demouser

Changing password for user demouser.

New password:

BAD PASSWORD: The password is shorter than 8 characters

Retype new password:

passwd: all authentication tokens updated successfully.

[root@controller ~]#

[root@controller ~]#

[root@controller ~]# visudo

[root@controller ~]#

[root@controller ~]#

[root@controller ~]#

[root@controller ~]#

[root@controller ~]# vi /etc/su

subgid subuid sudo.conf sudoers sudoers.d/ sudo-ldap.conf

[root@controller ~]# vi /etc/su

subgid subuid sudo.conf sudoers sudoers.d/ sudo-ldap.conf

[root@controller ~]# vi /etc/su

subgid subuid sudo.conf sudoers sudoers.d/ sudo-ldap.conf

[root@controller ~]# vi /etc/sudoers

[root@controller ~]# vi /etc/sudoers

[root@controller ~]# vi /etc/sudoers

[root@controller ~]# cd /etc/sudoers.d

[root@controller sudoers.d]# ls

90-cloud-init-users

[root@controller sudoers.d]# ls -lart

total 16

-r--r-----. 1 root root 126 Dec 18 02:17 90-cloud-init-users

drwxr-x---. 2 root root 33 Dec 18 02:17 .

drwxr-xr-x. 77 root root 8192 Dec 27 03:22 ..

[root@controller sudoers.d]# vi 90-cloud-init-users

[root@controller sudoers.d]# cd ..

[root@controller etc]# pwd

/etc

[root@controller etc]# vi /etc/ssh/sshd\_config

[root@controller etc]# vi /etc/ssh/sshd\_config

[root@controller etc]#

[root@controller etc]#

[root@controller etc]# service sshd restart

Redirecting to /bin/systemctl restart sshd.service

[root@controller etc]#

[root@controller etc]#

[root@controller etc]# su - demouser

Last failed login: Thu Dec 20 15:24:40 UTC 2018 from 27.155.99.161 on ssh:notty

There were 11 failed login attempts since the last successful login.

[demouser@controller ~]$

[demouser@controller ~]$

[demouser@controller ~]$ ssh-keygen

Generating public/private rsa key pair.

Enter file in which to save the key (/home/demouser/.ssh/id\_rsa):

Created directory '/home/demouser/.ssh'.

Enter passphrase (empty for no passphrase):

Enter same passphrase again:

Your identification has been saved in /home/demouser/.ssh/id\_rsa.

Your public key has been saved in /home/demouser/.ssh/id\_rsa.pub.

The key fingerprint is:

SHA256:3Ui5SEYUXcDLTe/lmEbqmzcWovnCnVxyq0127wIDjxc demouser@controller

The key's randomart image is:

+---[RSA 2048]----+

| .++.o. |

| . o.. |

| o.o+ . |

| o +++E o .|

| S ++.= = |

| . O O .|

| . B Xoo.|

| = ==\*..|

| o==.+o|

+----[SHA256]-----+

[demouser@controller ~]$

[demouser@controller ~]$

[demouser@controller ~]$

[demouser@controller ~]$

[demouser@controller ~]$

[demouser@controller ~]$

[demouser@controller ~]$

[demouser@controller ~]$ ssh-copy-id demouser@172.31.16.187

/bin/ssh-copy-id: INFO: Source of key(s) to be installed: "/home/demouser/.ssh/id\_rsa.pub"

The authenticity of host '172.31.16.187 (172.31.16.187)' can't be established.

ECDSA key fingerprint is SHA256:eYswYlId7zTZuEpAoNrMp48HWu4D5qAo5+Rw7HCkK90.

ECDSA key fingerprint is MD5:a4:05:a4:09:4d:e3:fe:4e:d8:22:2f:30:1e:2f:0b:eb.

Are you sure you want to continue connecting (yes/no)? yes

/bin/ssh-copy-id: INFO: attempting to log in with the new key(s), to filter out any that are already installed

/bin/ssh-copy-id: INFO: 1 key(s) remain to be installed -- if you are prompted now it is to install the new keys

demouser@172.31.16.187's password:

Number of key(s) added: 1

Now try logging into the machine, with: "ssh 'demouser@172.31.16.187'"

and check to make sure that only the key(s) you wanted were added.

[demouser@controller ~]$ ssh 'demouser@172.31.16.187'

Last login: Thu Dec 27 03:52:53 2018

[demouser@remote\_machine1 ~]$

[demouser@remote\_machine1 ~]$

[demouser@remote\_machine1 ~]$

[demouser@remote\_machine1 ~]$