For more details see lsblk(8).

[root@Sndoslb01 ~]# clear

[root@Sndoslb01 ~]# mkdir /kumar

[root@Sndoslb01 ~]# cd kumar

-bash: cd: kumar: No such file or directory

[root@Sndoslb01 ~]# cd /kumar/

[root@Sndoslb01 kumar]# vi inventory

[root@Sndoslb01 kumar]# master –I

Generating public/private rsa key pair.

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

Enter passphrase (empty for no passphrase):

Enter same passphrase again:

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

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

The key fingerprint is:

SHA256:HBBN21hzoVEdyFfVyi54hJzUJQQBwFcSqm9gp0Er9iQ root@Sndoslb01

The key's randomart image is:

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

| .+==+BB\*=oo=|

| .oo\*.=+.o .|

| . ..+ooo o . |

| . o . .+ . o |

| E B . S o . |

| . \* \* . o . |

| o o . . |

| . |

| |

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

[root@Sndoslb01 kumar]# ssh-copy-id root@Sndosmaster02

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

The authenticity of host 'sndosmaster02 (10.100.37.89)' can't be established.

ECDSA key fingerprint is SHA256:s12j6Bp1quk/tbS3AYaIRagvWhUZCqmtIOTbQ4dWk2g.

ECDSA key fingerprint is MD5:db:59:6c:39:63:57:b1:8b:31:48:0a:99:f4:21:8e:e2.

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

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

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

root@sndosmaster02's password:

Number of key(s) added: 1

Now try logging into the machine, with: "ssh 'root@Sndosmaster02'"

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

[root@Sndoslb01 kumar]# ssh-copy-id root@Sndosmaster01

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

The authenticity of host 'sndosmaster01 (10.100.37.88)' can't be established.

ECDSA key fingerprint is SHA256:s12j6Bp1quk/tbS3AYaIRagvWhUZCqmtIOTbQ4dWk2g.

ECDSA key fingerprint is MD5:db:59:6c:39:63:57:b1:8b:31:48:0a:99:f4:21:8e:e2.

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

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

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

root@sndosmaster01's password:

Number of key(s) added: 1

Now try logging into the machine, with: "ssh 'root@Sndosmaster01'"

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

[root@Sndoslb01 kumar]# ssh-copy-id root@Sndosmaster03

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

The authenticity of host 'sndosmaster03 (10.100.37.90)' can't be established.

ECDSA key fingerprint is SHA256:s12j6Bp1quk/tbS3AYaIRagvWhUZCqmtIOTbQ4dWk2g.

ECDSA key fingerprint is MD5:db:59:6c:39:63:57:b1:8b:31:48:0a:99:f4:21:8e:e2.

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

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

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

root@sndosmaster03's password:

Number of key(s) added: 1

Now try logging into the machine, with: "ssh 'root@Sndosmaster03'"

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

[root@Sndoslb01 kumar]# ansible master -i inventory --list-host

-bash: ansible: command not found

[root@Sndoslb01 kumar]# yum install ansible-2.6.16-1.el7ae.noarch

Loaded plugins: package\_upload, product-id, search-disabled-repos, subscription-manager

HL\_EPEL\_7Server\_x86\_64 | 2.5 kB 00:00:00

HL\_HOBBYCORP\_certs | 2.1 kB 00:00:00

HL\_HOBBYCORP\_ddboost | 2.1 kB 00:00:00

HL\_HOBBYCORP\_ibm | 2.1 kB 00:00:00

HL\_HOBBYCORP\_oracle | 2.1 kB 00:00:00

HL\_HOBBYCORP\_wmi | 2.1 kB 00:00:00

rhel-7-server-ansible-2.6-rpms | 2.3 kB 00:00:00

rhel-7-server-extras-rpms | 2.0 kB 00:00:00

rhel-7-server-optional-rpms | 2.0 kB 00:00:00

rhel-7-server-ose-3.11-rpms | 2.3 kB 00:00:00

rhel-7-server-rh-common-rpms | 2.1 kB 00:00:00

rhel-7-server-rpms | 2.0 kB 00:00:00

rhel-7-server-satellite-tools-6.3-rpms | 2.1 kB 00:00:00

rhel-7-server-supplementary-rpms | 2.0 kB 00:00:00

Resolving Dependencies

--> Running transaction check

---> Package ansible.noarch 0:2.6.16-1.el7ae will be installed

--> Processing Dependency: sshpass for package: ansible-2.6.16-1.el7ae.noarch

--> Processing Dependency: python-passlib for package: ansible-2.6.16-1.el7ae.noarch

--> Processing Dependency: python-paramiko for package: ansible-2.6.16-1.el7ae.noarch

--> Processing Dependency: python-jmespath for package: ansible-2.6.16-1.el7ae.noarch

--> Processing Dependency: python-jinja2 for package: ansible-2.6.16-1.el7ae.noarch

--> Processing Dependency: python-httplib2 for package: ansible-2.6.16-1.el7ae.noarch

--> Processing Dependency: python-cryptography for package: ansible-2.6.16-1.el7ae.noarch

--> Processing Dependency: PyYAML for package: ansible-2.6.16-1.el7ae.noarch

--> Running transaction check

---> Package PyYAML.x86\_64 0:3.10-11.el7 will be installed

--> Processing Dependency: libyaml-0.so.2()(64bit) for package: PyYAML-3.10-11.el7.x86\_64

---> Package python-httplib2.noarch 0:0.9.2-1.el7 will be installed

---> Package python-jinja2.noarch 0:2.7.2-2.el7 will be installed

--> Processing Dependency: python-babel >= 0.8 for package: python-jinja2-2.7.2-2.el7.noarch

--> Processing Dependency: python-markupsafe for package: python-jinja2-2.7.2-2.el7.noarch

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

--> Processing Dependency: python2-pyasn1 for package: python-paramiko-2.1.1-9.el7.noarch

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

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

--> Processing Dependency: python-cffi >= 1.4.1 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-jmespath.noarch 0:0.9.0-4.el7ae will be installed

---> Package python2-passlib.noarch 0:1.7.1-1.el7 will be installed

---> Package sshpass.x86\_64 0:1.06-2.el7 will be installed

--> Running transaction check

---> Package libyaml.x86\_64 0:0.1.4-11.el7\_0 will be installed

---> Package python-babel.noarch 0:0.9.6-8.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

---> Package python-markupsafe.x86\_64 0:0.11-10.el7 will be installed

---> Package python2-pyasn1.noarch 0:0.1.9-7.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 2.6.16-1.el7ae rhel-7-server-ansible-2.6-rpms 10 M

Installing for dependencies:

PyYAML x86\_64 3.10-11.el7 rhel-7-server-rpms 153 k

libyaml x86\_64 0.1.4-11.el7\_0 rhel-7-server-rpms 55 k

python-babel noarch 0.9.6-8.el7 rhel-7-server-rpms 1.4 M

python-cffi x86\_64 1.6.0-5.el7 rhel-7-server-rpms 218 k

python-enum34 noarch 1.0.4-1.el7 rhel-7-server-rpms 52 k

python-httplib2 noarch 0.9.2-1.el7 rhel-7-server-extras-rpms 115 k

python-idna noarch 2.4-1.el7 rhel-7-server-rpms 94 k

python-jinja2 noarch 2.7.2-2.el7 rhel-7-server-extras-rpms 516 k

python-markupsafe x86\_64 0.11-10.el7 rhel-7-server-rpms 25 k

python-paramiko noarch 2.1.1-9.el7 rhel-7-server-rpms 269 k

python-ply noarch 3.4-11.el7 rhel-7-server-rpms 123 k

python-pycparser noarch 2.14-1.el7 rhel-7-server-rpms 105 k

python2-cryptography x86\_64 1.7.2-2.el7 rhel-7-server-rpms 503 k

python2-jmespath noarch 0.9.0-4.el7ae rhel-7-server-ansible-2.6-rpms 39 k

python2-passlib noarch 1.7.1-1.el7 HL\_EPEL\_7Server\_x86\_64 741 k

python2-pyasn1 noarch 0.1.9-7.el7 rhel-7-server-rpms 100 k

sshpass x86\_64 1.06-2.el7 rhel-7-server-extras-rpms 21 k

Transaction Summary

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

Install 1 Package (+17 Dependent packages)

Total download size: 14 M

Installed size: 73 M

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

Downloading packages:

(1/18): PyYAML-3.10-11.el7.x86\_64.rpm | 153 kB 00:00:00

(2/18): libyaml-0.1.4-11.el7\_0.x86\_64.rpm | 55 kB 00:00:00

(3/18): python-babel-0.9.6-8.el7.noarch.rpm | 1.4 MB 00:00:00

(4/18): ansible-2.6.16-1.el7ae.noarch.rpm | 10 MB 00:00:00

(5/18): python-cffi-1.6.0-5.el7.x86\_64.rpm | 218 kB 00:00:00

(6/18): python-enum34-1.0.4-1.el7.noarch.rpm | 52 kB 00:00:00

(7/18): python-idna-2.4-1.el7.noarch.rpm | 94 kB 00:00:00

(8/18): python-httplib2-0.9.2-1.el7.noarch.rpm | 115 kB 00:00:00

(9/18): python-paramiko-2.1.1-9.el7.noarch.rpm | 269 kB 00:00:00

(10/18): python-jinja2-2.7.2-2.el7.noarch.rpm | 516 kB 00:00:00

(11/18): python-ply-3.4-11.el7.noarch.rpm | 123 kB 00:00:00

(12/18): python-markupsafe-0.11-10.el7.x86\_64.rpm | 25 kB 00:00:00

(13/18): python-pycparser-2.14-1.el7.noarch.rpm | 105 kB 00:00:00

(14/18): python2-cryptography-1.7.2-2.el7.x86\_64.rpm | 503 kB 00:00:00

(15/18): python2-pyasn1-0.1.9-7.el7.noarch.rpm | 100 kB 00:00:00

(16/18): python2-passlib-1.7.1-1.el7.noarch.rpm | 741 kB 00:00:00

(17/18): python2-jmespath-0.9.0-4.el7ae.noarch.rpm | 39 kB 00:00:00

(18/18): sshpass-1.06-2.el7.x86\_64.rpm | 21 kB 00:00:00

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

Total 12 MB/s | 14 MB 00:00:01

Running transaction check

Running transaction test

Transaction test succeeded

Running transaction

Installing : python2-pyasn1-0.1.9-7.el7.noarch 1/18

Installing : python-markupsafe-0.11-10.el7.x86\_64 2/18

Installing : python2-jmespath-0.9.0-4.el7ae.noarch 3/18

Installing : python-httplib2-0.9.2-1.el7.noarch 4/18

Installing : sshpass-1.06-2.el7.x86\_64 5/18

Installing : python-babel-0.9.6-8.el7.noarch 6/18

Installing : python-jinja2-2.7.2-2.el7.noarch 7/18

Installing : libyaml-0.1.4-11.el7\_0.x86\_64 8/18

Installing : PyYAML-3.10-11.el7.x86\_64 9/18

Installing : python-enum34-1.0.4-1.el7.noarch 10/18

Installing : python-ply-3.4-11.el7.noarch 11/18

Installing : python-pycparser-2.14-1.el7.noarch 12/18

Installing : python-cffi-1.6.0-5.el7.x86\_64 13/18

Installing : python2-passlib-1.7.1-1.el7.noarch 14/18

Installing : python-idna-2.4-1.el7.noarch 15/18

Installing : python2-cryptography-1.7.2-2.el7.x86\_64 16/18

Installing : python-paramiko-2.1.1-9.el7.noarch 17/18

Installing : ansible-2.6.16-1.el7ae.noarch 18/18

Uploading Package Profile

rhel-7-server-ansible-2.6-rpms/x86\_64/productid | 2.1 kB 00:00:00

rhel-7-server-ose-3.11-rpms/x86\_64/productid | 2.1 kB 00:00:00

Verifying : python-idna-2.4-1.el7.noarch 1/18

Verifying : python2-passlib-1.7.1-1.el7.noarch 2/18

Verifying : python-jinja2-2.7.2-2.el7.noarch 3/18

Verifying : python-ply-3.4-11.el7.noarch 4/18

Verifying : python-enum34-1.0.4-1.el7.noarch 5/18

Verifying : python-paramiko-2.1.1-9.el7.noarch 6/18

Verifying : libyaml-0.1.4-11.el7\_0.x86\_64 7/18

Verifying : python-babel-0.9.6-8.el7.noarch 8/18

Verifying : python-pycparser-2.14-1.el7.noarch 9/18

Verifying : python-cffi-1.6.0-5.el7.x86\_64 10/18

Verifying : sshpass-1.06-2.el7.x86\_64 11/18

Verifying : python-httplib2-0.9.2-1.el7.noarch 12/18

Verifying : python2-pyasn1-0.1.9-7.el7.noarch 13/18

Verifying : PyYAML-3.10-11.el7.x86\_64 14/18

Verifying : python2-jmespath-0.9.0-4.el7ae.noarch 15/18

Verifying : python-markupsafe-0.11-10.el7.x86\_64 16/18

Verifying : ansible-2.6.16-1.el7ae.noarch 17/18

Verifying : python2-cryptography-1.7.2-2.el7.x86\_64 18/18

Installed:

ansible.noarch 0:2.6.16-1.el7ae

Dependency Installed:

PyYAML.x86\_64 0:3.10-11.el7 libyaml.x86\_64 0:0.1.4-11.el7\_0 python-babel.noarch 0:0.9.6-8.el7

python-cffi.x86\_64 0:1.6.0-5.el7 python-enum34.noarch 0:1.0.4-1.el7 python-httplib2.noarch 0:0.9.2-1.el7

python-idna.noarch 0:2.4-1.el7 python-jinja2.noarch 0:2.7.2-2.el7 python-markupsafe.x86\_64 0:0.11-10.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-cryptography.x86\_64 0:1.7.2-2.el7 python2-jmespath.noarch 0:0.9.0-4.el7ae python2-passlib.noarch 0:1.7.1-1.el7

python2-pyasn1.noarch 0:0.1.9-7.el7 sshpass.x86\_64 0:1.06-2.el7

Complete!

[root@Sndoslb01 kumar]# ansible master -i inventory --list-host

hosts (3):

Sndosmaster01

Sndosmaster02

Sndosmaster03

[root@Sndoslb01 kumar]# ansible master -m ping

[WARNING]: provided hosts list is empty, only localhost is available. Note that the implicit localhost does not match 'all'

[WARNING]: Could not match supplied host pattern, ignoring: master

[root@Sndoslb01 kumar]# ping Sndomaster01

ping: Sndomaster01: Name or service not known

[root@Sndoslb01 kumar]# ping 10.100.37.88

PING 10.100.37.88 (10.100.37.88) 56(84) bytes of data.

64 bytes from 10.100.37.88: icmp\_seq=1 ttl=64 time=0.302 ms

64 bytes from 10.100.37.88: icmp\_seq=2 ttl=64 time=0.361 ms

64 bytes from 10.100.37.88: icmp\_seq=3 ttl=64 time=0.314 ms

64 bytes from 10.100.37.88: icmp\_seq=4 ttl=64 time=0.325 ms

64 bytes from 10.100.37.88: icmp\_seq=5 ttl=64 time=0.318 ms

^C

--- 10.100.37.88 ping statistics ---

5 packets transmitted, 5 received, 0% packet loss, time 3999ms

rtt min/avg/max/mdev = 0.302/0.324/0.361/0.019 ms

[root@Sndoslb01 kumar]# cat /etc/resolve.conf

cat: /etc/resolve.conf: No such file or directory

[root@Sndoslb01 kumar]# vi /etc/hosts

[root@Sndoslb01 kumar]# ansible master -m ping

[WARNING]: provided hosts list is empty, only localhost is available. Note that the implicit localhost does not match 'all'

[WARNING]: Could not match supplied host pattern, ignoring: master

[root@Sndoslb01 kumar]# ansible master -i inventory -m ping

Sndosmaster03 | SUCCESS => {

"changed": false,

"ping": "pong"

}

Sndosmaster01 | SUCCESS => {

"changed": false,

"ping": "pong"

}

Sndosmaster02 | SUCCESS => {

"changed": false,

"ping": "pong"

}

[root@Sndoslb01 kumar]# cat inventory

[master]

Sndosmaster01

Sndosmaster02

Sndosmaster03

[root@Sndoslb01 kumar]# df -h

Filesystem Size Used Avail Use% Mounted on

/dev/mapper/rhel\_template-root 49G 2.4G 47G 5% /

devtmpfs 16G 0 16G 0% /dev

tmpfs 16G 0 16G 0% /dev/shm

tmpfs 16G 8.9M 16G 1% /run

tmpfs 16G 0 16G 0% /sys/fs/cgroup

/dev/sda1 1014M 221M 794M 22% /boot

/dev/mapper/app\_vol\_grp-lv\_data1 200G 33M 200G 1% /mnt/app01

hlisi01nfs:/NFS\_Users 500G 9.7G 491G 2% /home

tmpfs 3.2G 0 3.2G 0% /run/user/0

[root@Sndoslb01 kumar]# lsblk

NAME MAJ:MIN RM SIZE RO TYPE MOUNTPOINT

fd0 2:0 1 4K 0 disk

sda 8:0 0 50G 0 disk

├─sda1 8:1 0 1G 0 part /boot

└─sda2 8:2 0 49G 0 part

└─rhel\_template-root 253:0 0 49G 0 lvm /

sdb 8:16 0 200G 0 disk

└─app\_vol\_grp-lv\_data1 253:1 0 200G 0 lvm /mnt/app01

sdc 8:32 0 32G 0 disk

└─sdc1 8:33 0 32G 0 part

sdd 8:48 0 20G 0 disk

sr0 11:0 1 1024M 0 rom

[root@Sndoslb01 kumar]# vi inventory

[root@Sndoslb01 kumar]# cat /etc/resolv.conf

# Generated by NetworkManager

search hobbylobby.corp

nameserver 10.100.1.72

nameserver 10.100.1.79

[root@Sndoslb01 kumar]#vi in