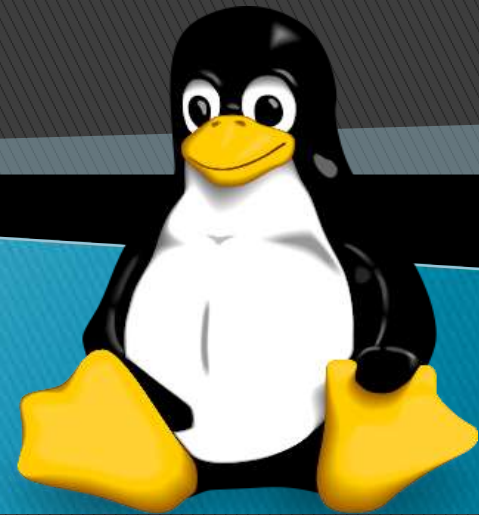


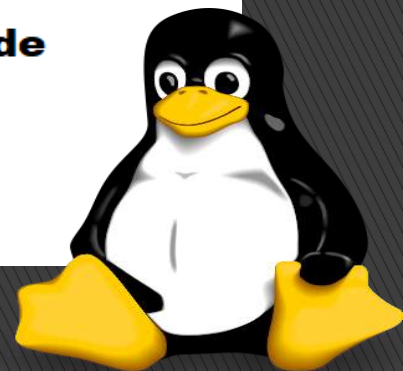
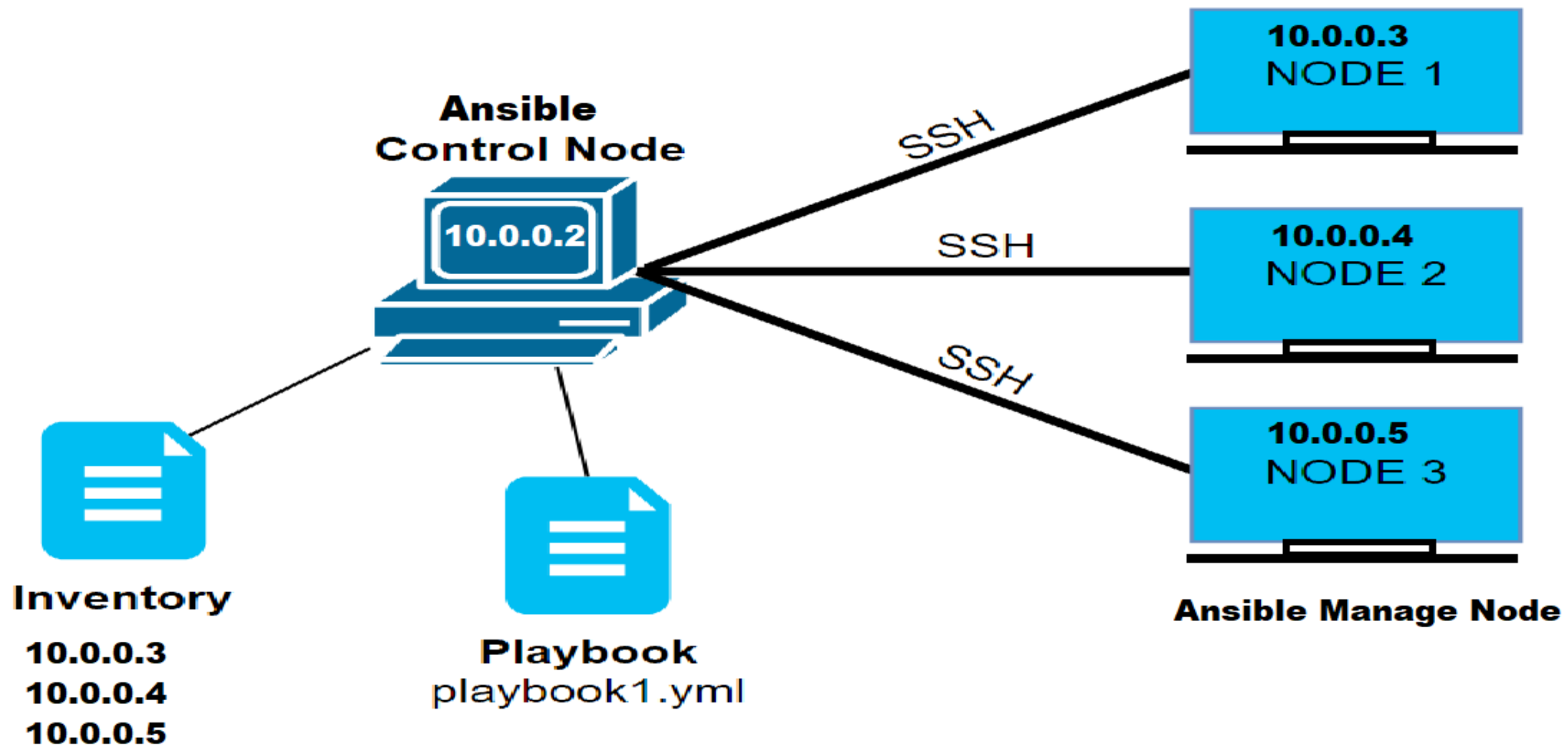
Configuration of Ansible



RED HAT®
ANSIBLE®
Automation



Ansible Architecture



Install Ansible

Steps For install ansible AMI Linux2

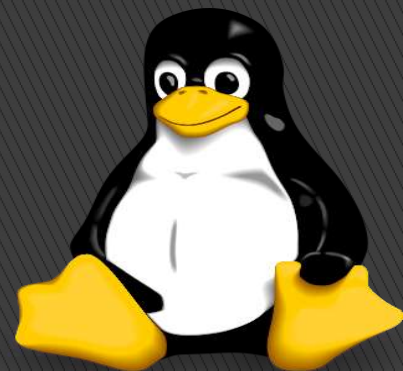
```
#wget https://dl.fedoraproject.org/pub/epel/epel-release-latest-7.noarch.rpm
```

```
#yum install epel-release-latest-7.noarch.rpm
```

```
#yum update -y
```

```
#yum install git python-level python-pip openssl ansible -y
```

```
#ansible -version
```



Create user & set sudo privilege

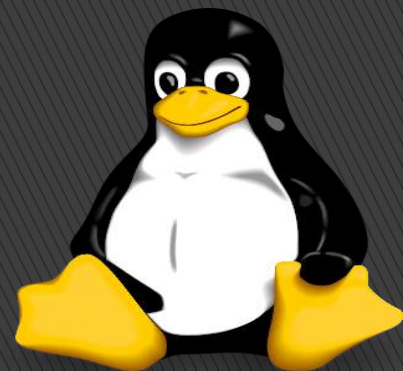
```
#useradd    sachin
```

```
#passwd    sachin
```

```
#vim    /etc/sudoers
```

```
Sachin    ALL=(ALL) NOPASSWD: ALL    (line 101)
```

```
:wq
```



Setup ssh on all system

```
#vim /etc/ssh/sshd_config
```

```
PermitRootLogin yes (remove #)
```

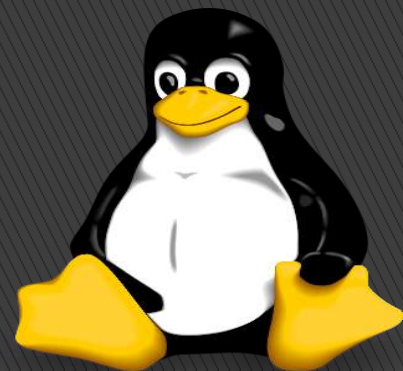
```
#PasswordAuthentication yes (remove #)
```

```
#PermitEmptyPasswords no
```

```
#PasswordAuthentication no (add #)
```

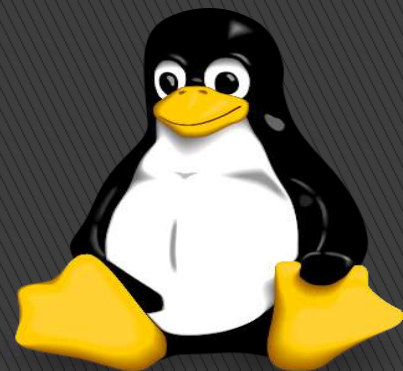
```
:wq
```

```
#systemctl restart sshd
```



start ssh service (must be running)

```
$sudo systemctl status sshd  
$sudo systemctl start sshd  
$sudo systemctl restart sshd  
$sudo systemctl enable sshd
```



we need to create the host file in the
`/etc/ansible` directory

```
$sudo mkdir /etc/ansible
```

```
$cd /etc/ansible
```

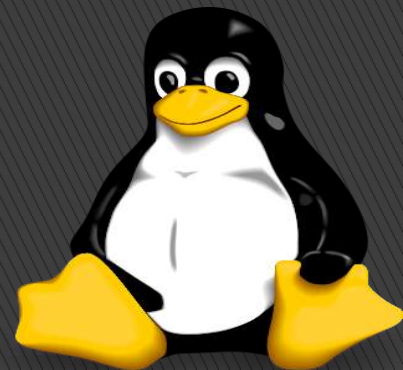
```
$sudo vim hosts
```

```
[webserver]
```

```
192.168.1.3
```

```
192.168.1.4
```

```
192.168.1.5
```



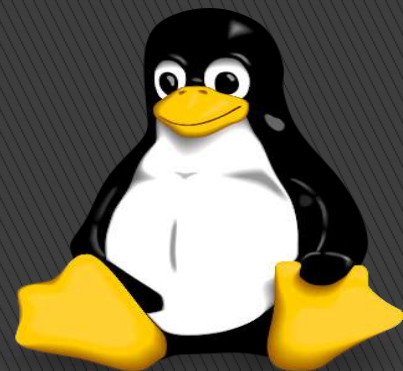
Generate SSH key and copy it to remote servers

```
$ssh-keygen
```

```
$ssh-copy-id sachin@192.168.1.3
```

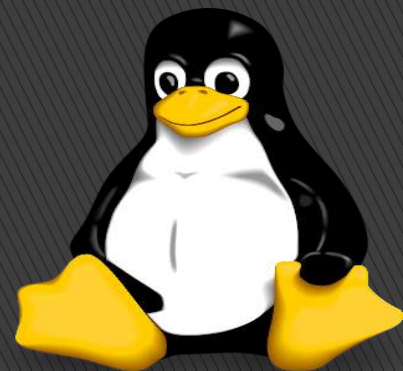
```
$ssh-copy-id sachin@192.168.1.4
```

```
$ssh-copy-id sachin@192.168.1.5
```



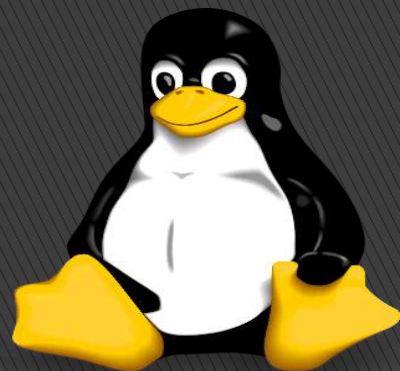
Use ping module to test ansible:

```
$ansible webserver -m ping
```



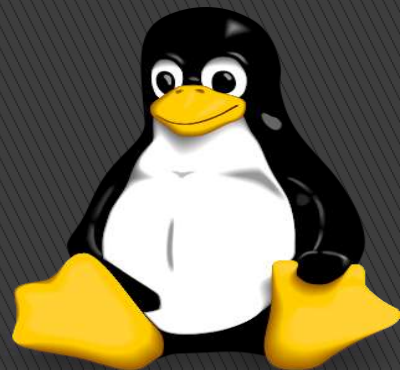
To check the partitions on all remote hosts

```
$ansible webserver -a "lsblk"
```



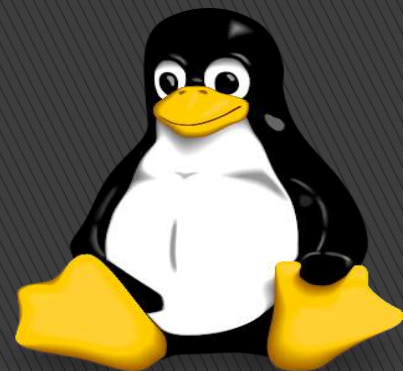
Check memory usage on all remote hosts.

```
$ansible webserver -a "free -m"
```



Checking Uptime for all 3 servers.

```
$ansible webserver -a "uptime"
```





Red Hat Ansible Automation Platform

