Linux Admin Commands

DevOps @ SathyaTech
mymail2sateesh@gmail.com

Linux Commands

----> root user

$ ---> normal user

#whoami ---> for curr. user

#who

#date

#pwd ---> print working dir

#cal

#cal 2017

#cal may 2016

#clear

to get Host (Server) Name:

#hostname (short hostname)

#hostname -f (fully qualified hostname)

to get IP Address:

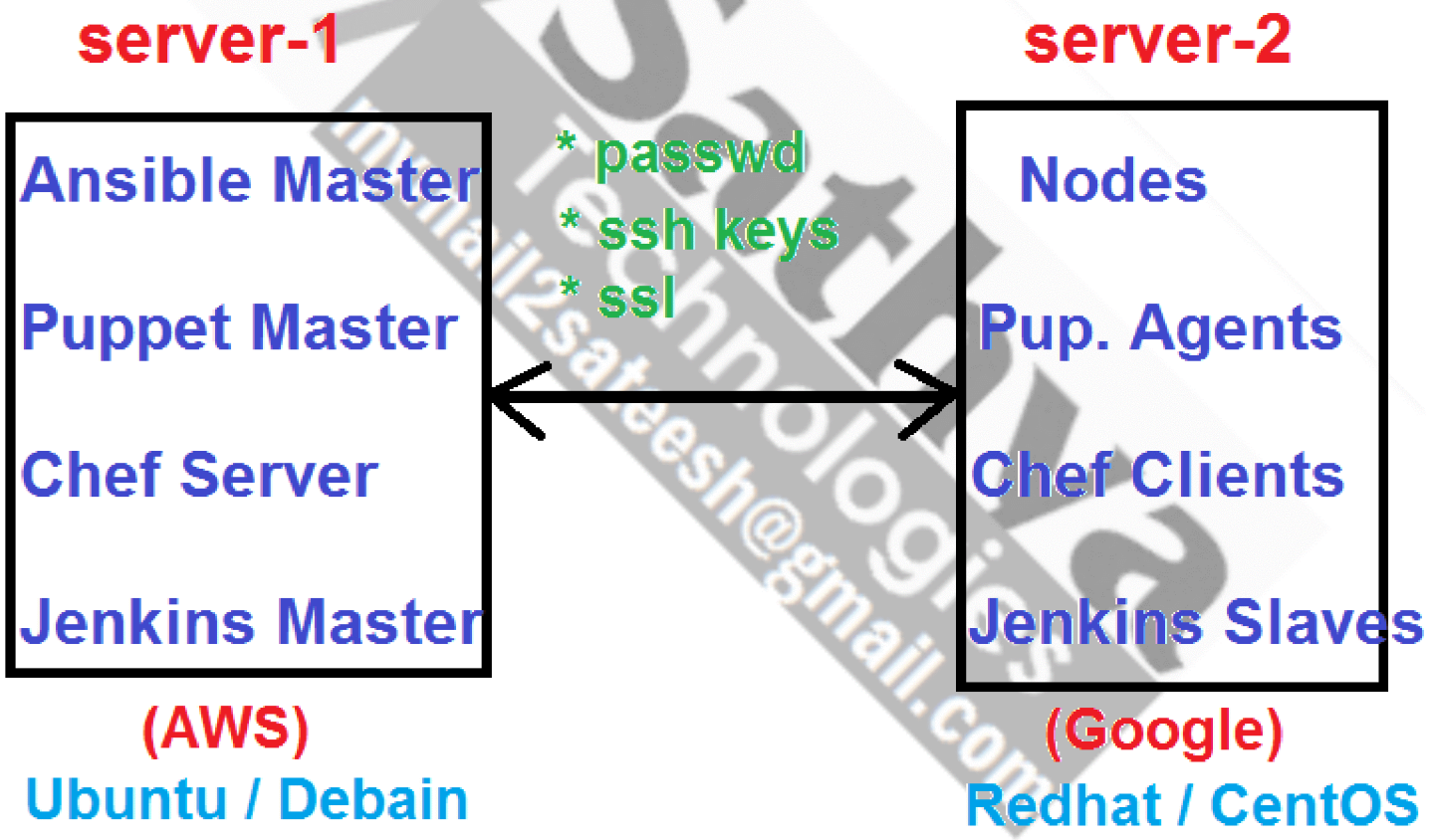
#hostname -i (or)

#ip a (or)

#ifconfig

Server Connection

* passwd method
* ssh-keys (Secure Shell)



Server Connection

* passwd method
* ssh-keys (Secure Shell)

Passwd Method

Step-1 : change root passwd :

```
#sudo su -
#passwd root
Enter new passwd : root
```

Step-2 : configure ssh files :

```
#vi /etc/ssh/sshd_config
PermitRootLogin yes
PasswdAuthentication yes
:wq  ---> write and quit
```

Passwd Method

Step-3 : restart ssh service :

for Ubuntu / Debian:

#service ssh restart

for Redhat / Centos:

#systemctl restart sshd

Step-4 : to connect to server :

Syntax:

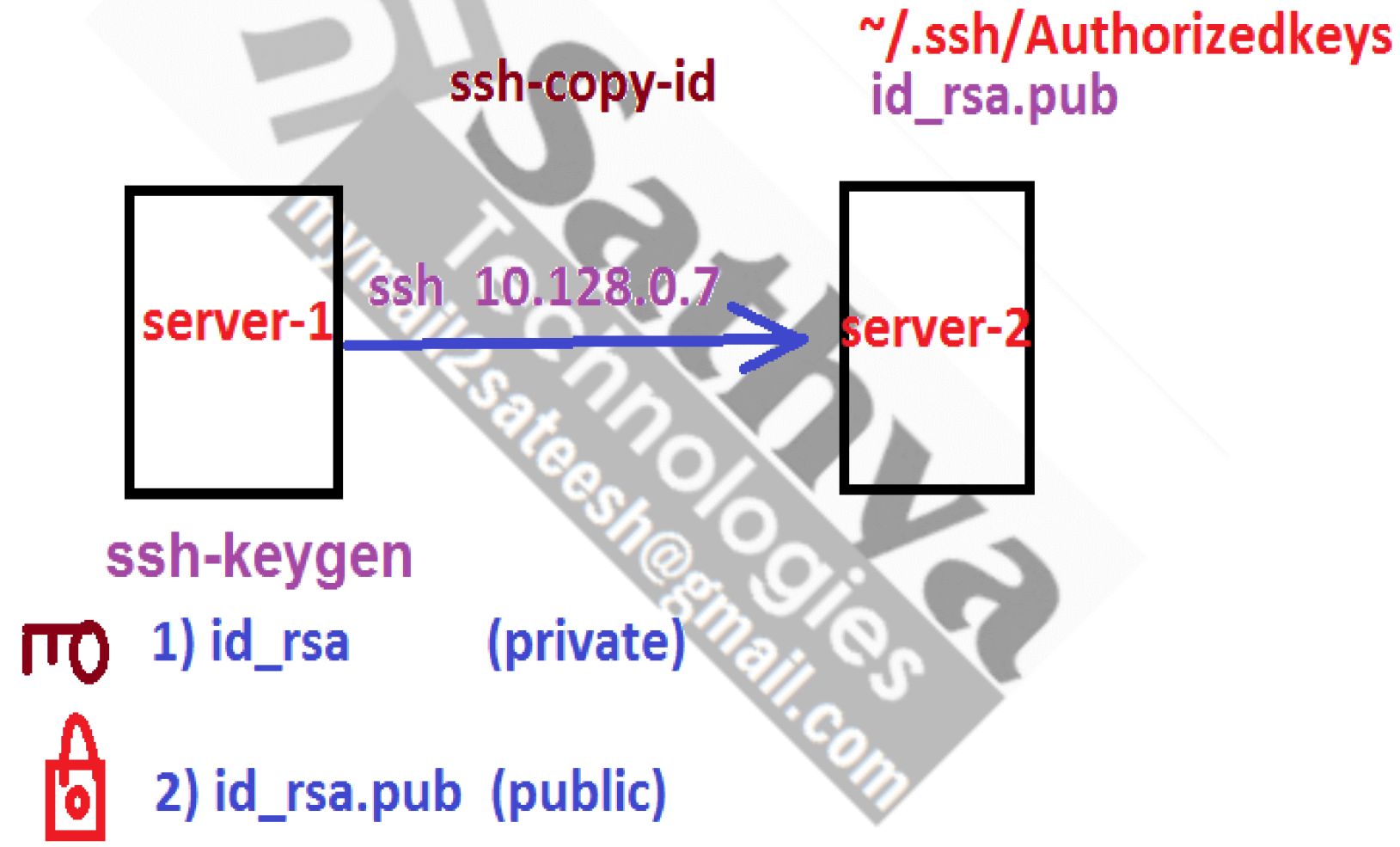
#ssh <IP Addr>

Ex:

#ssh 192.168.35.24

SSH - Keys

ssh-keys (Secure Shell)



ssh-keys (Secure Shell) Method

Step-1 : to Generate key pair :

```
#cd ~/.ssh
#ssh-keygen
* public key (id_rsa.pub)
* private key (id_rsa.pem)
```

Step-2 : to Send a Public key to other servers :

```
#ssh-copy-id 192.168.32.12
```

Step-3 : to connect to server:

```
#ssh -i ~/.ssh/id_rsa 192.168.32.12
        (or)
#ssh 192.168.32.12
```

to Send a File to other Servers

scp:

```
#scp  -i  ~/.ssh/id_rsa  demo.txt
                          192.168.23.12:/tmp
```

(OR)

```
#scp   demo.txt   192.168.23.12:/tmp
```