**Lab Test 1**

**zzz is server1**

**b622 is server2**

**1.**

**Command**

sudo useradd -d /home/chow\_zi\_xuan -m chow\_zi\_xuan

sudo passwd chow\_zi\_xuan

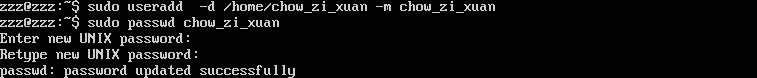
scam605

scam605

sudo su chow\_zi\_xuan

echo $HOME

**Screenshot**



**2.**

**2.**

**Command**

**sudo usermod -aG sudo chow\_zi\_xuan**

**Screenshot**

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**3.**

**File to be edited**

etc/network/interfaces

**Command to check / show the network interface available:**

sudo vim etc/network/interfaces

iface enp03s inet static

address 192.168.40.101

netmask 255.255.255.0

network 192.168.40.0

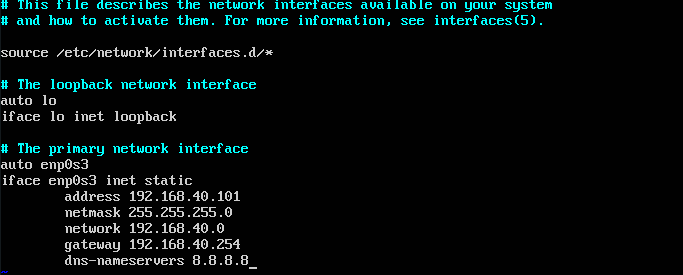
gateway 192.168.40.254

dns-nameservers 8.8.8.8

Save and Exit

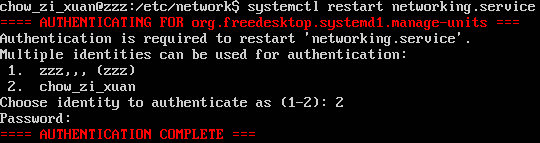
:wq

**Screenshot**



**Commands to make the new configuration of network interface takes effect**

systemctl restart networking.service



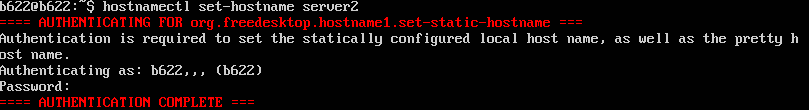
**4.**

**Command**

hostnamectl set-hostname server2

logout and login again

**Screenshot**

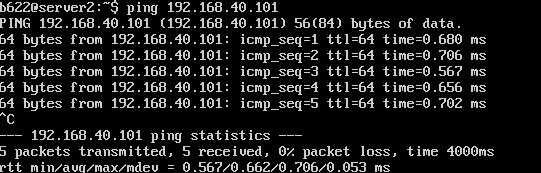
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**5.**

**Command**

ping 192.168.40.101

**Screenshot**

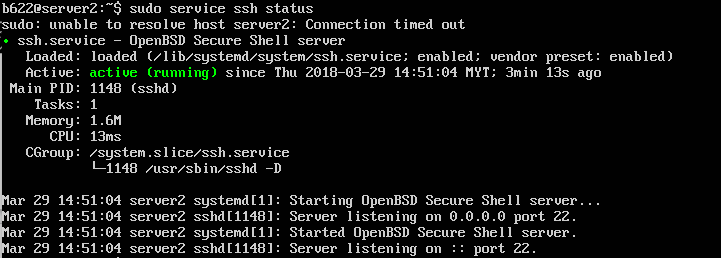


**6.**

**Command**

sudo service ssh status

**Screenshot**



**7.**

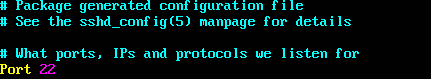
**Command**

sudo service ssh status

**or**

vi /etc/ssh/sshd\_config

**Screenshot**

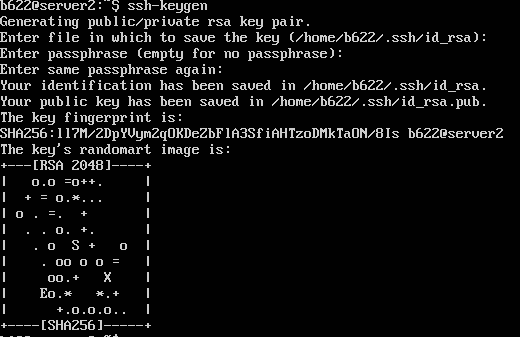
****

**8.**

**Command**

ssh-keygen

**Screenshot**

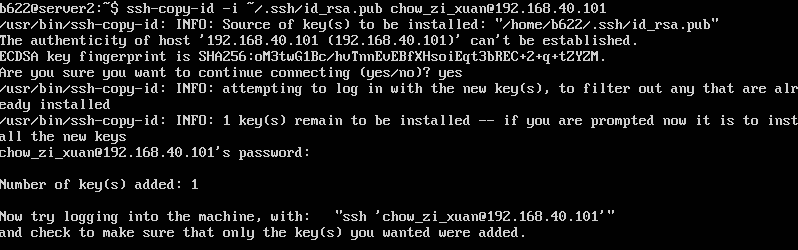
****

**9.**

**Command**

ssh-copy-id -i ~/.ssh/id\_rsa.pub chow\_zi\_xuan@192.168.40.101

**Screenshot**

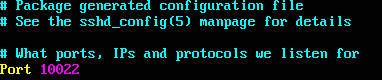
****

**10.**

**Command**

sudo vi /etc/ssh/sshd\_config/

**Screenshot**

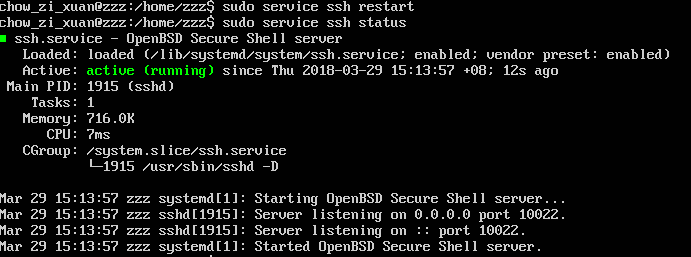
****

**11.**

**Command**

sudo service ssh restart

**Screenshot**

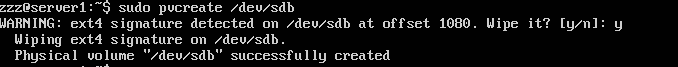
****

**12.**

**Command**

sudo pvcreate /*dev/*sdb

**Screenshot**

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**13.**

**Command**

sudo vgcreate vg-db /dev/sdb

**Screenshot**

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**14.**

**Command**

sudo lvcreate -n dbvol -l 100%FREE vg-db

**Screenshot**

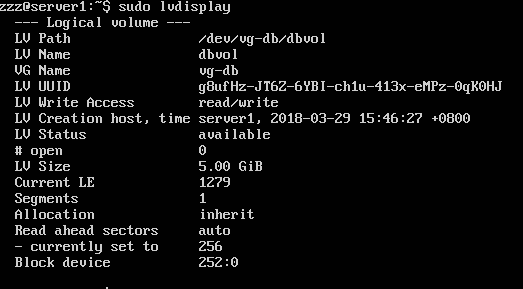
****

**15.**

**Command**

sudo lvdisplay

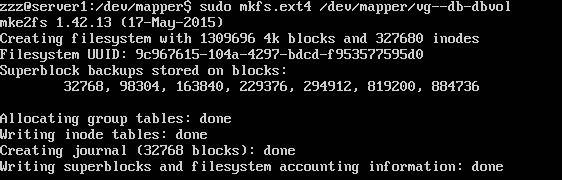
**Screenshot**

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**16.**

**Command**

sudo mkfs.ext4 /dev/mapper/vg--db-dbvol

**Screenshot**