**Dom0 Setup**

1. Create a bootable media using the dom0 iso using the ‘Steps to create bootable USB in Windows’ doc

2. Install the OS with manual partitioning

- We need one partition of 100GB to create SR

3. Clone Dom0 folder from GIT to any location, and change directory to Dom0 folder

4. Run the ‘/root/setup-xcp-xapi.sh’ script to install and configure the xcp-xapi

5. Edit the /etc/network/interfaces and put your IPs

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# interfaces(5) file used by ifup(8) and ifdown(8)

auto lo

iface lo inet loopback

auto eth0

iface eth0 inet manual

# Xenbr0 config

auto xenbr0

iface xenbr0 inet dhcp

bridge\_ports eth0

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6. Reboot the machine

7. Check for xcp service status

# service xcp-xapi status

# xe vm-list

8. Use the ‘/root/kernel-upgrade.sh’ script to upgrade the kernel to 3.11.0-13-generic

9. Reboot the machine

10. Check the blktap module

# modinfo blktap

11. mkdir /opt/RP

12. Clone rpcore folder from GIT to /opt/RP and build it.

13. Change directory to Dom0 folder and run ‘/root/dom0-config.sh’ to run the nontpm rpcore and xapi\_proxy

14. Create SR, assuming /dev/sda4 is the device to be used for SR

# xe sr-create device-config:device=/dev/sda4 host-uuid=<host-uuid> name-label=LocalStorage shared=true type=ext content-type=user

The output will be sr-uuid -- 814394a8-80a7-a0d7-2a16-480cd902a42f

15. Set this SR as a default SR as below

# xe pool-param-set uuid=<pool-uuid> default-SR=<sr-uuid created in above step>

Get the pool-uuid from- xe pool-list

and get sr-uuid from - xe sr-list

16. Create the symbolic link for /boot/guest

# ln -s /var/run/sr-mount/7af1113e-7fcf-ea6c-8a7e-5912b63dbfba/os\_image /boot/guest

**Controller Setup**

1. Create a bootable media using the controller iso

2. Install the OS

3. Make sure after booting machine has an IP or provide a static IP

4. Download the 'Contorller.tgz' at **/root/** and extract

5. Go to the /root/Controller/ directory and run the ‘controller-config.sh’ as below

# ./controller-config.sh <IP\_Address>

Eg.

# ./controller-config.sh 192.168.0.2

It will start the all controller services

**Compute Setup**

Go to the Dom0 machine

1. Import the provided compute image with xe as below

# xe vm-import filename=base\_image\_compute\_new

2. xe vm-start uuid=<uuid return in above step>

3. xe console uuid=<vm-uuid>

On compute vm

1. Configure the network if needed

2. Download 'Compute.tgz' in **/root/** directory and extract it

3. Go to the /root/Compute/ directory and run ‘compute-config.sh’

4. When all compute services are running, run the nova network-create command on **controller machine**

nova network-create test --fixed-range-v4=192.168.1.0/24 --multi-host=T --bridge=xenbr0 --bridge-interface=eth1 --gateway=192.168.1.254 --dns1=192.168.0.4

Note: Value of fixed-range-v4 in the above command should be the range specified in /etc/dhcp/dhcpd.conf file in DHCP server