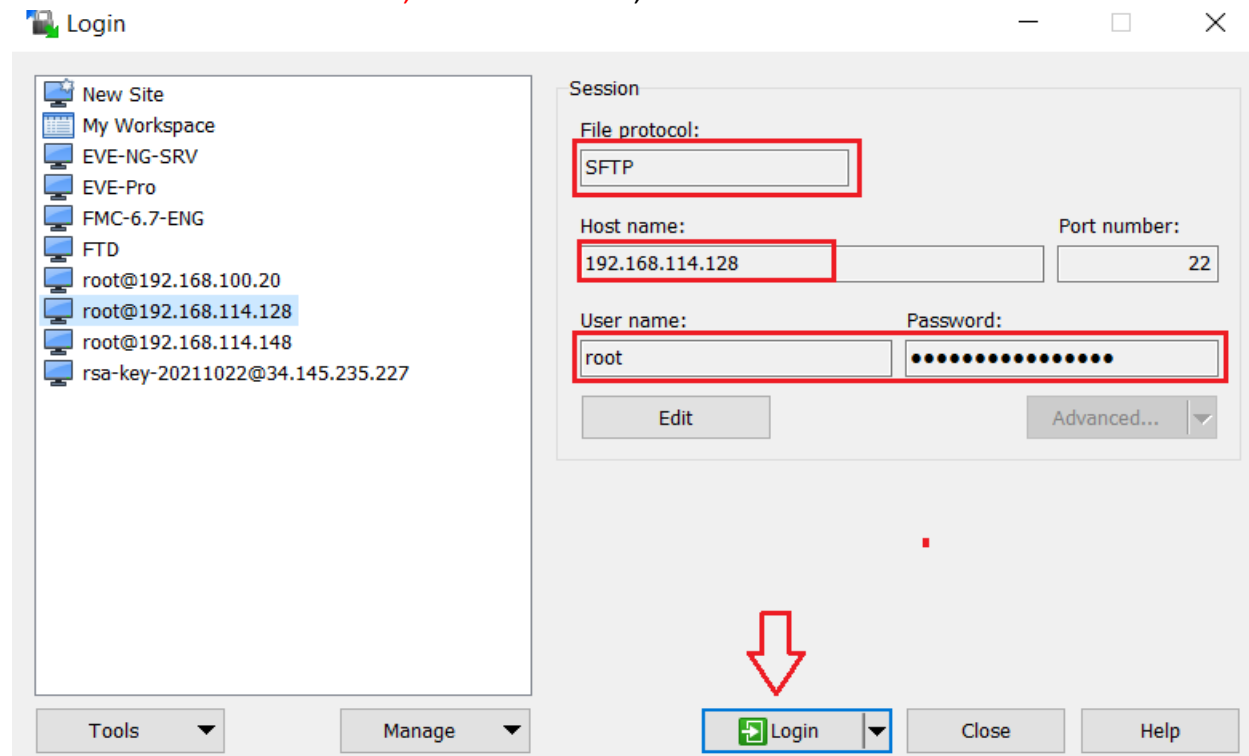
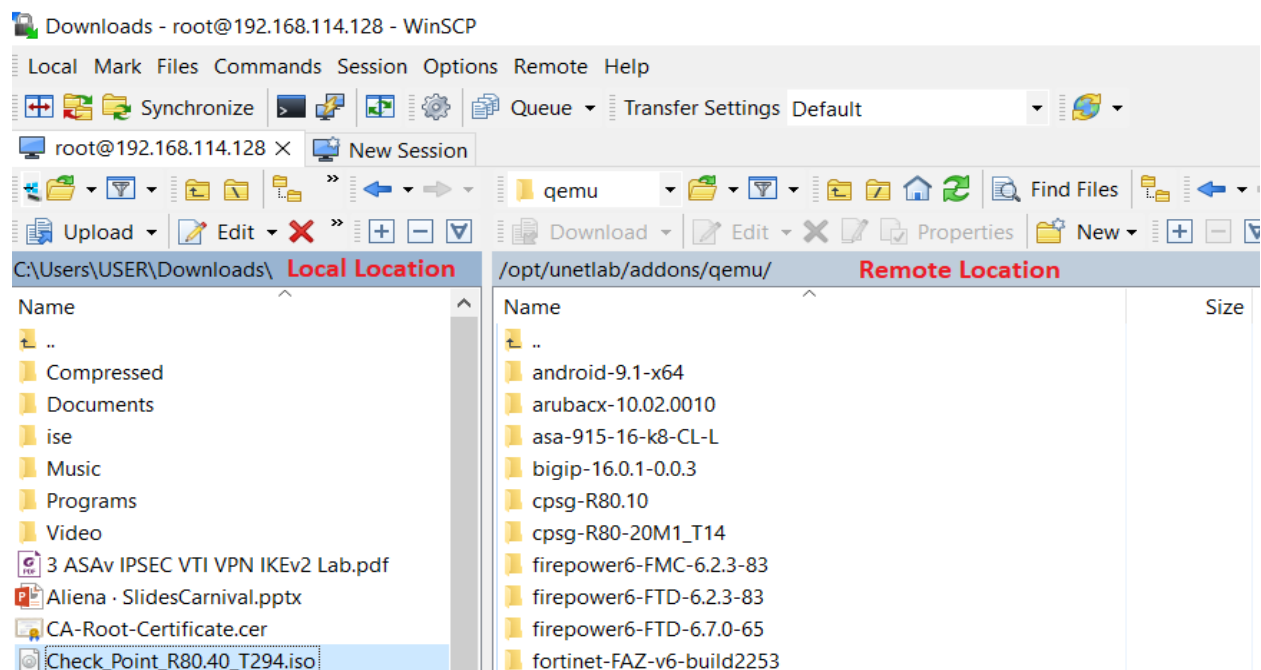


Install Checkpoint Firewall on EVE-NG:

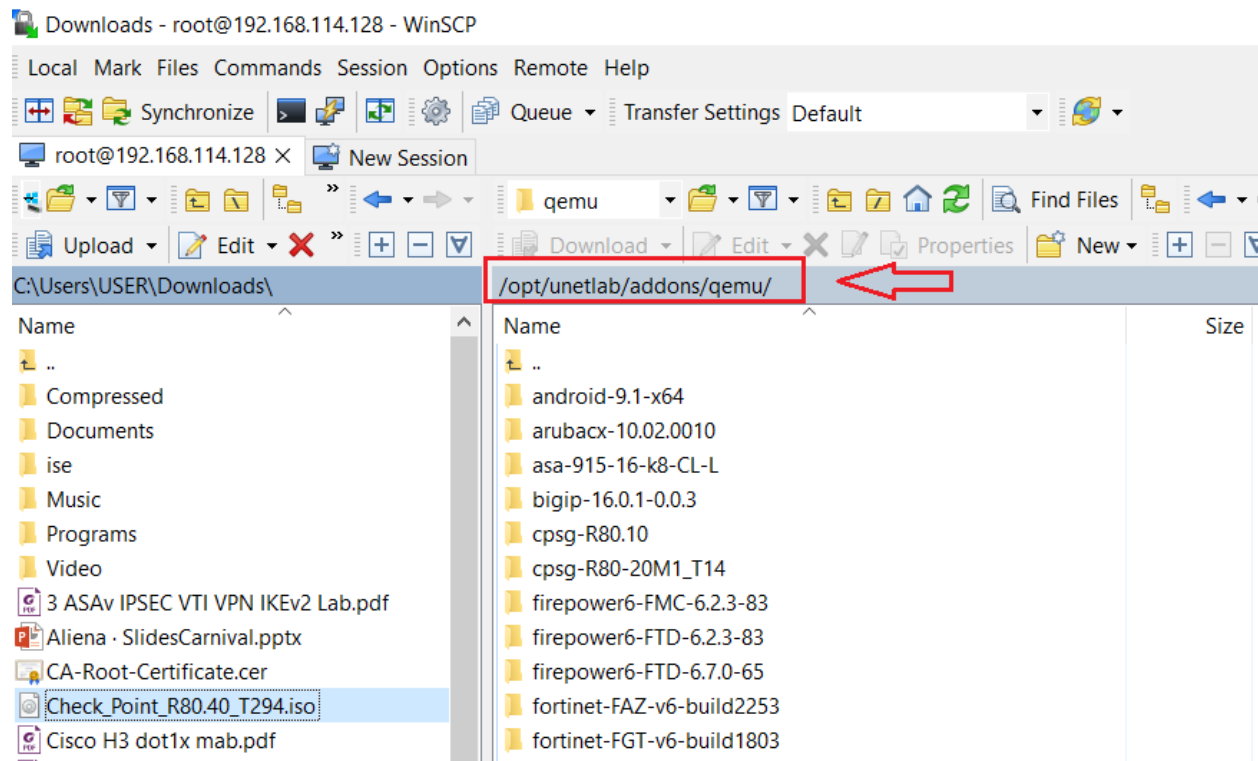
Open **WinSCP**, once you connected to WinSCP type the IP address of EVE-NG in host name choose the File Protocol: **SFTP**, Port number: **22**, Username: **root** and Password: **eve**.



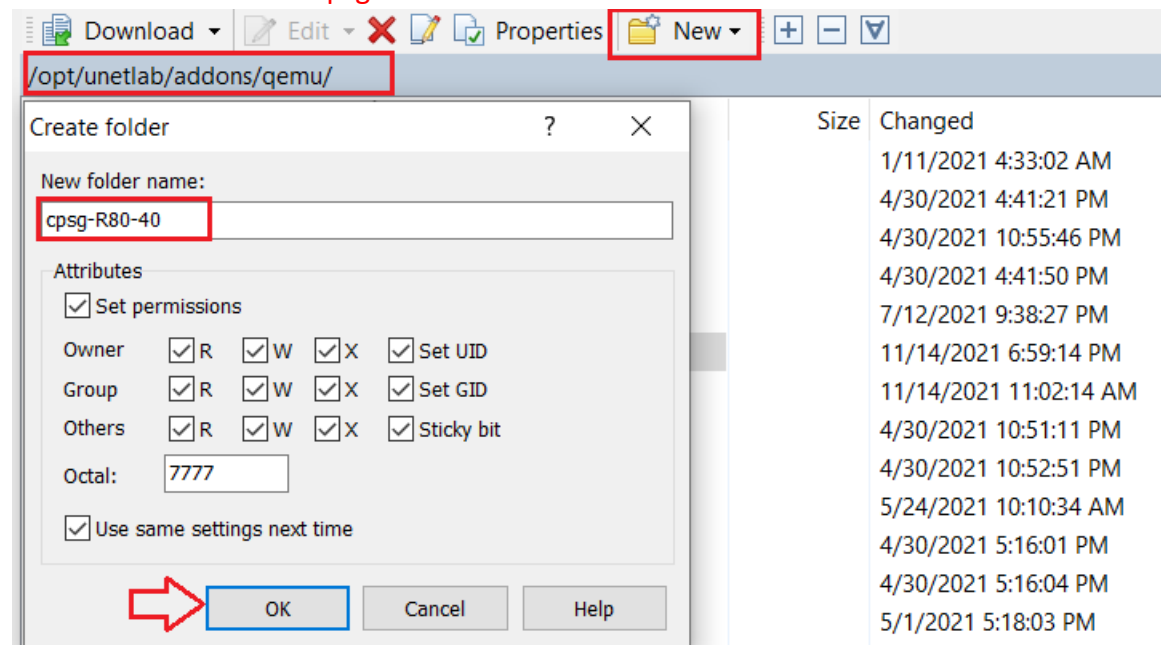
The column on the left represent file on local machine and the column on the right represent files and folder on remote machine.



Go to the path **opt->unetlab->addons->qemu** on the remote machine.



Create a directory under **/opt/unetlab/addons/qemu/** using the name: **cpsg-R80-40** copy the file downloaded file to **cpsg-R80-40** folder.



Upload the downloaded **Check_Point_R80.40_T294.iso** image to the EVE NG
/opt/unetlab/addons/qemu/cpsg-R80-40 folder

/opt/unetlab/addons/qemu/cpsg-R80-40/			
Name	Size	Changed	
..		11/21/2021 10:59:07 PM	
Check_Point_R80.40_T294.iso	4,439,360...	11/19/2021 9:09:01 AM	

Rename original **Check_Point_R80.40_T294.iso** ISO image to **cdrom.iso**:

/opt/unetlab/addons/qemu/cpsg-R80-40/				
Name	Size	Changed	Rights	Owner
..		11/21/2021 10:59:07 PM	rw-r--r--	root
cdrom.iso	4,439,360...	11/19/2021 9:09:01 AM	rw-r--r--	root

Create HDD drive for new Checkpoint image:

cd /opt/unetlab/addons/qemu/ cpsg-R80-40/

```
root@eve-ng: /opt/unetlab/addons/qemu/cpsg-R80-40
```

```
root@eve-ng: /opt/unetlab/addons/qemu/cpsg-R80-40#
```

```
root@eve-ng: /opt/unetlab/addons/qemu/cpsg-R80-40#
```

/opt/qemu/bin/qemu-img create -f qcow2 hda.qcow2 80G

```
root@eve-ng: /opt/unetlab/addons/qemu/cpsg-R80-40
```

```
root@eve-ng: /opt/unetlab/addons/qemu/cpsg-R80-40#
```

```
root@eve-ng: /opt/unetlab/addons/qemu/cpsg-R80-40# /opt/qemu/bin/qemu-img create  
-f qcow2 hda.qcow2 80G
```

```
Formatting 'hda.qcow2', fmt=qcow2 size=85899345920 encryption=off cluster_size=6  
5536 lazy_refcounts=off refcount_bits=16
```

```
root@eve-ng: /opt/unetlab/addons/qemu/cpsg-R80-40#
```

ADD A NEW NODE



Template

CheckPoint Security Gateway VE



Number of nodes to add

1



Image

cpsg-R80-40



Name/prefix

CP

Icon



Checkpoint.png



UUID

CPU Limit

☐

CPU

4

RAM (MB)

8192

Ethernets

4

When you are adding node on topology, set the VNC console for new image. VNC console is required to complete installation from ISO. Later can use telnet console to the node.

Console

vnc



Left

386

Top

187

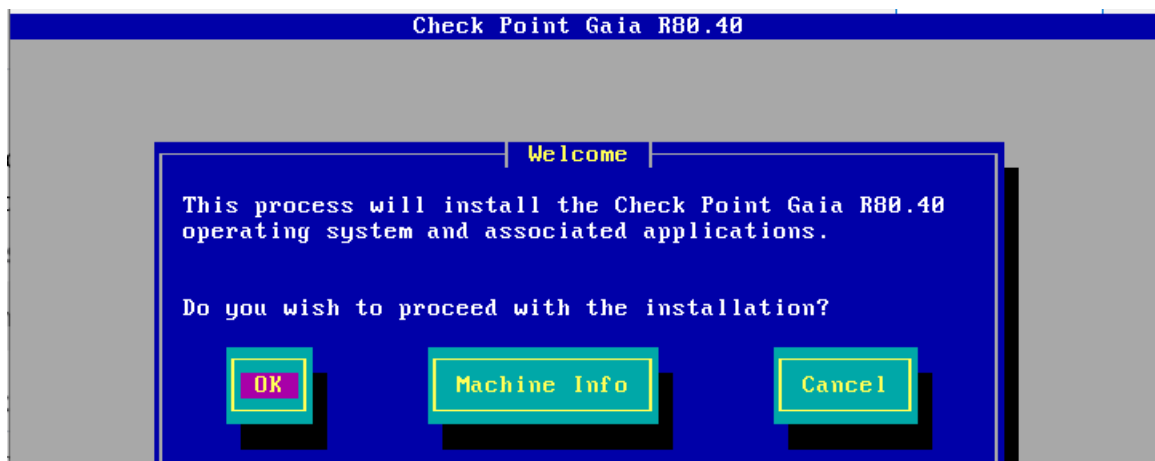
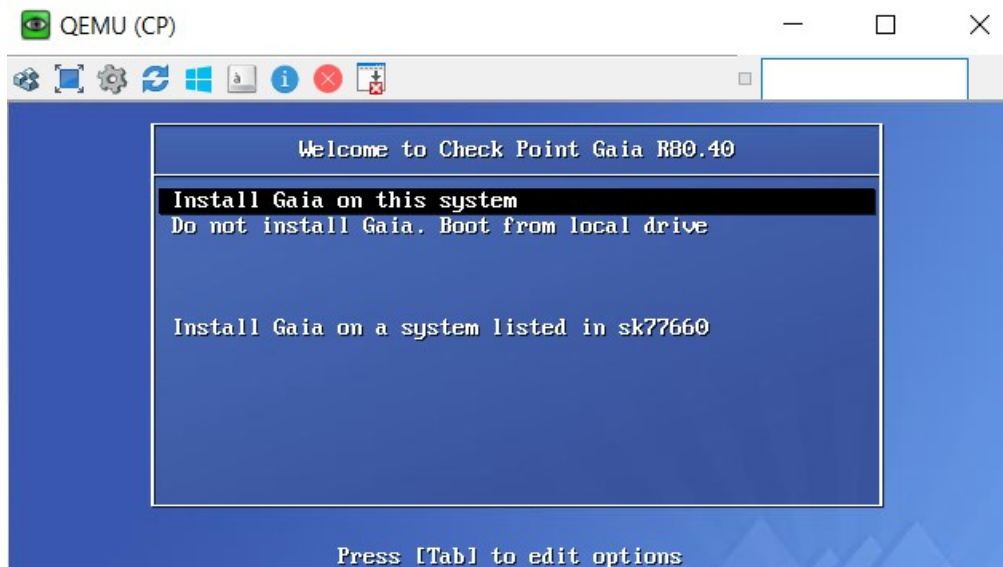
Save

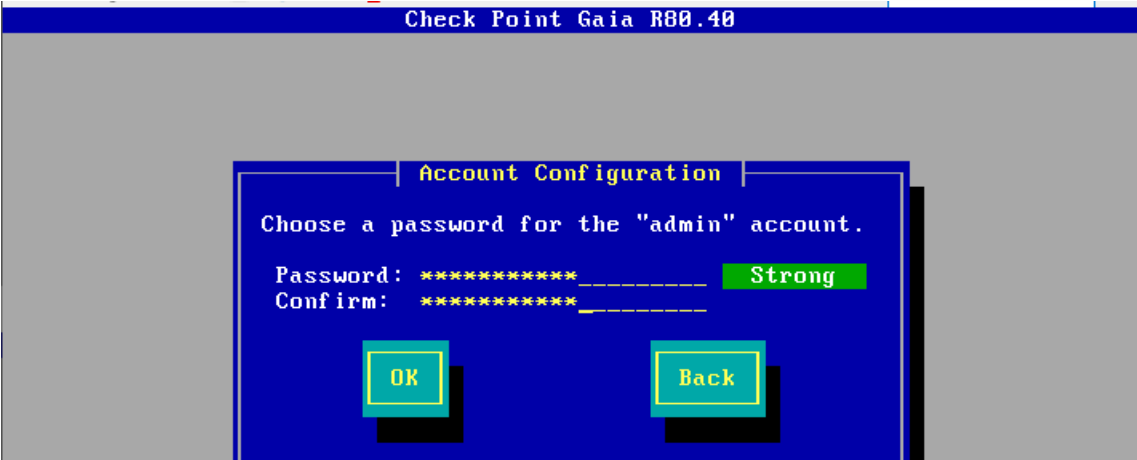
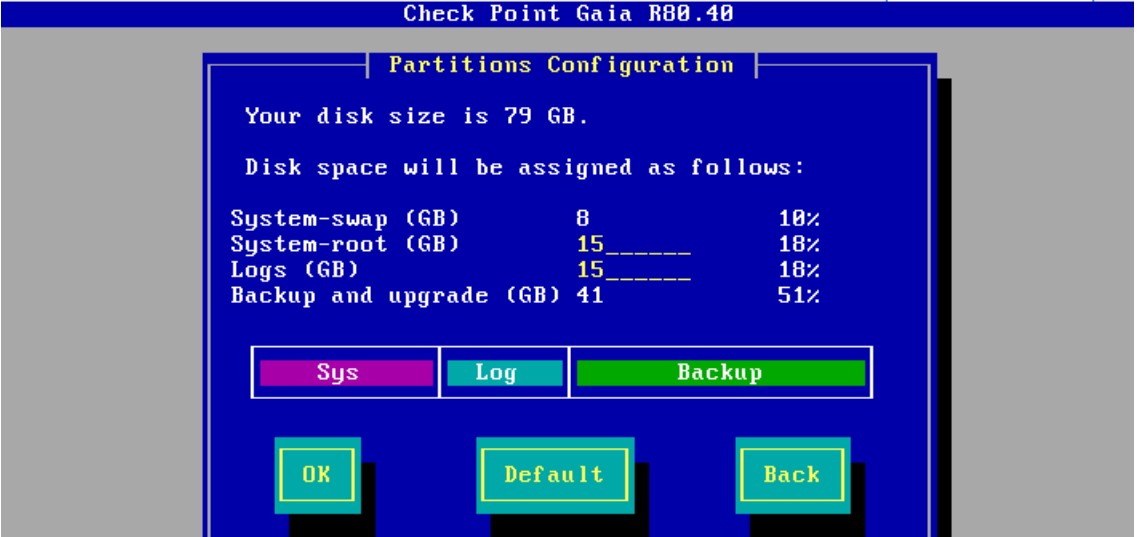
Cancel

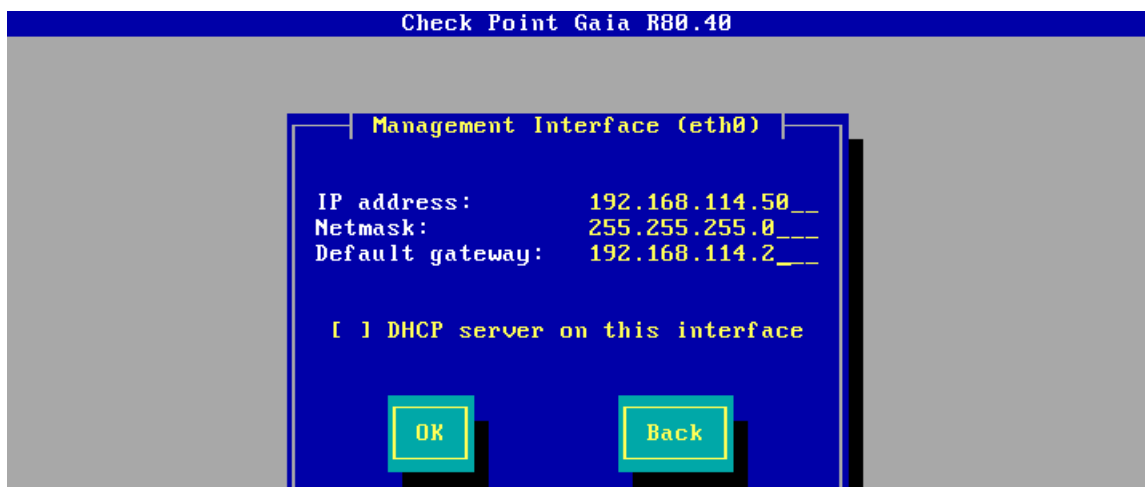
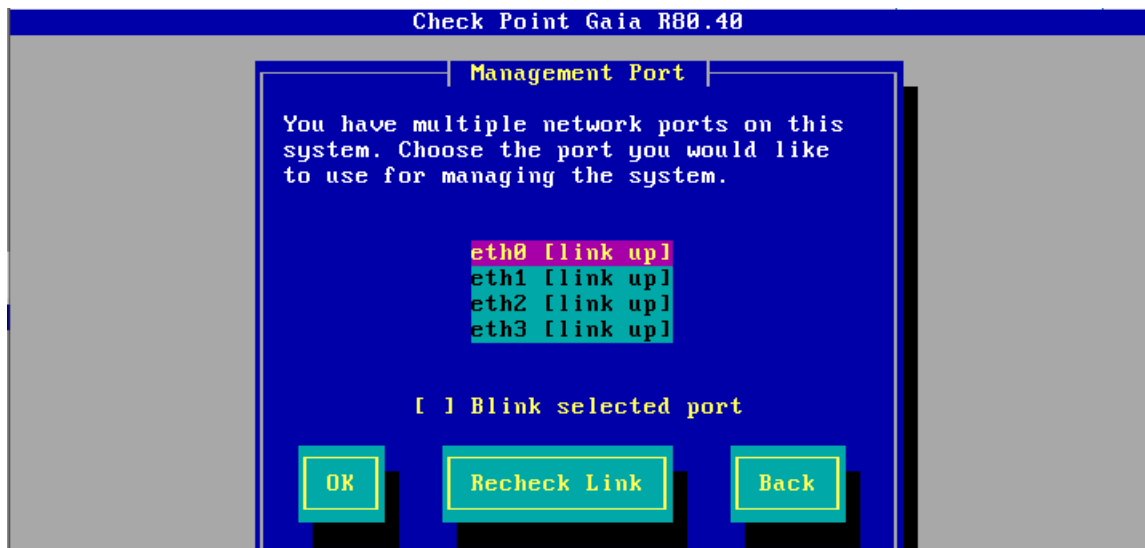
Create new lab add your newly created Checkpoint image, connect it to Cloud0 network.

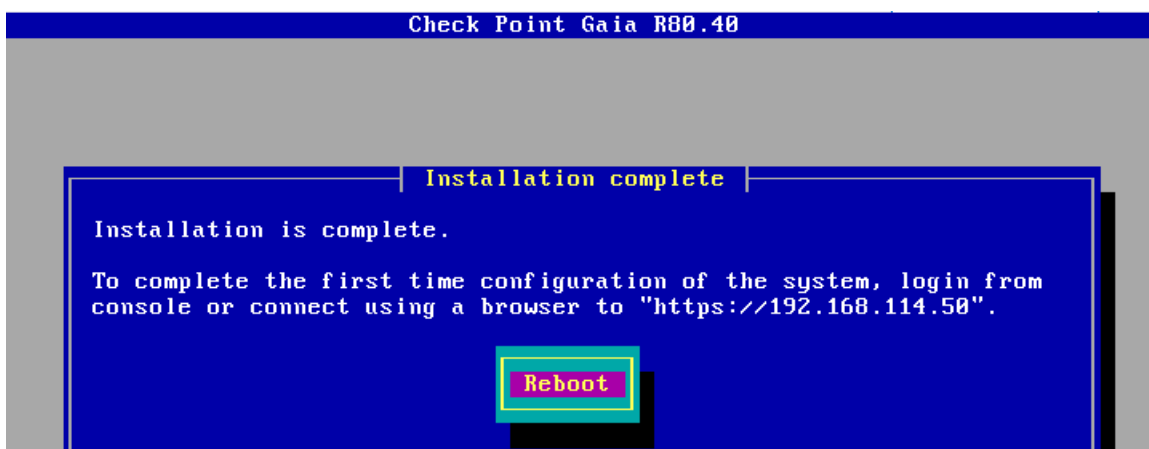
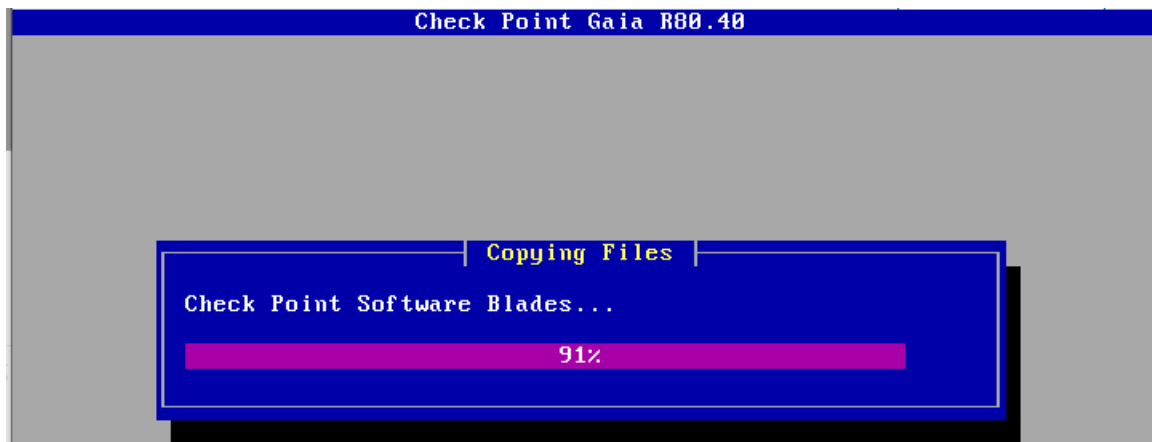


Follow installation steps on checkpoint console and complete Checkpoint installation, shutdown the Checkpoint image.









From the EVE CLI, locate the installed image and commit your changes to be used as default for further use in EVE-NG:

```
cd /opt/unetlab/tmp/0/9164d4f9-da2b-40b7-915b-5ddee1959fb5/1/
```

```
root@eve-ng:/opt/unetlab/addons/qemu/cpsg-R80-40# cd /opt/unetlab/tmp/0/9164d4f9-da2b-40b7-915b-5ddee1959fb5/1/
```

```
/opt/qemu/bin/qemu-img commit hda.qcow2
```

```
root@eve-ng:/opt/unetlab/tmp/0/9164d4f9-da2b-40b7-915b-5ddee1959fb5/1# /opt/qemu/bin/qemu-img commit hda.qcow2
```

Remove **cdrom.iso** from /opt/unetlab/addons/qemu/cpsg-R80-40/

```
cd /opt/unetlab/addons/qemu/cpsg-R80-40/
```

```
rm -f cdrom.iso
```

```
root@eve-ng:/opt/unetlab/tmp/0/9164d4f9-da2b-40b7-915b-5ddee1959fb5/1# cd /opt/unetlab/addons/qemu/cpsg-R80-40/
root@eve-ng:/opt/unetlab/addons/qemu/cpsg-R80-40# ls
cdrom.iso  hda.qcow2
root@eve-ng:/opt/unetlab/addons/qemu/cpsg-R80-40# rm -f cdrom.iso
```