

# EVE-NG

## Settings on VMware:

vmware→ home→ create a new virtual machine→ typical→ n→ i will install→  
n→linux→ ubuntu 64 bit→n→ name→ EVE-NG→ location→ default→n→ size→30  
GB→ SLPLIT INTO MULTIPLE→ CUSTOMIZE HARDWARE→ RAM→ 8→processor→  
intel vtx→CD→ ISO IMAGE→ EVE CE→Network→ custom→ add adapter→  
custom→ vmnet1→ finish

## Settins on EVE-NG:

power on→ click→language→ english→done→ continue→reboot→ do not give  
username or password until it gets reboot.

host machine 192.168.23.1, subnet 255.255.255.0

http://192.168.23.60

username:admin

password:eve

folder:ceh

add folder

add new lab

name my first ceh lab

save

right click

## WIN SCP to upload files:

win scp open

new site

host 192.168.23.60

username: root

password: eve

login

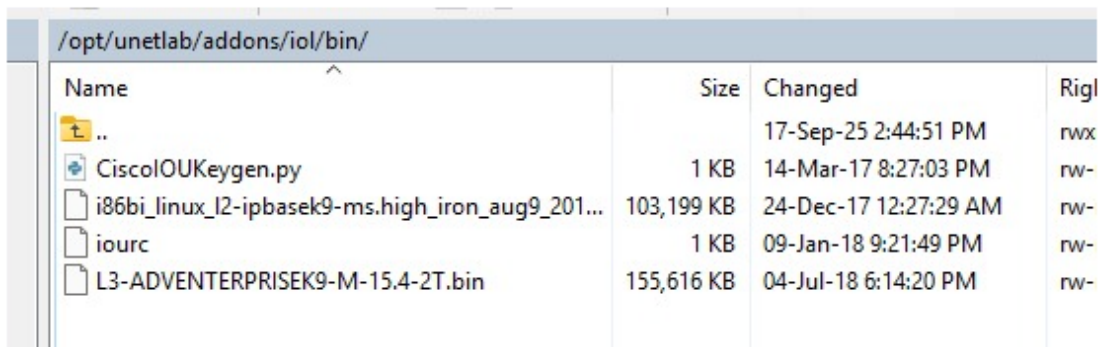
update

uparrow

**folder path:**opt/unetlab/addons/iol/bin

## Files to copy:

- iour
- py
- l3
- i86bi



Name	Size	Changed	Righ
..		17-Sep-25 2:44:51 PM	rwX
CiscOUKeygen.py	1 KB	14-Mar-17 8:27:03 PM	rw-
i86bi_linux_l2-ipbasek9-ms.high_iron_aug9_201...	103,199 KB	24-Dec-17 12:27:29 AM	rw-
iourc	1 KB	09-Jan-18 9:21:49 PM	rw-
L3-ADVENTERPRISEK9-M-15.4-2T.bin	155,616 KB	04-Jul-18 6:14:20 PM	rw-

file select upload

iourc⇒ poperties⇒ octal⇒ 0755⇒ ok

## Settings on eve-ng vm

cd /opt/unetlab/addons/iol/bin/

/opt/unetlab/wrappers/unl\_wrapper -a fixpermissions

```
root@eve-ng:~# cd /opt/unetlab/addons/iol/bin/  
root@eve-ng:/opt/unetlab/addons/iol/bin# /opt/unetlab/wrappers/unl_wrapper -a fixpermissions  
root@eve-ng:/opt/unetlab/addons/iol/bin# _
```

## EVE- NG Website

right click→ iol→cisco iol→ image→I3→name→ router1→no of node→1

add

right click node iol image I2 icon switch I3 name switch save

interface th0/0 switch eth0/0

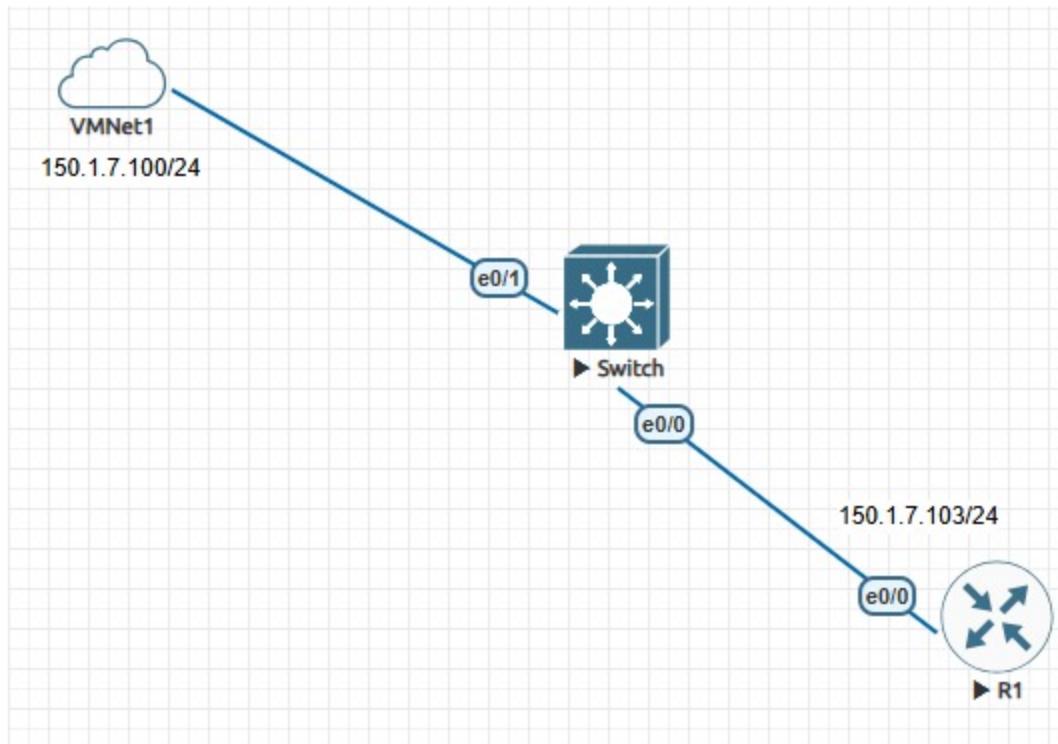
right click →network→ cloud 1

name vmnet1 save

link with switch

right click start

vmnet 1 right click text 150.1.7.100



## Eve-NG Client:

After all set up run the eve ng client .exe file, restart your Laptop.

## Putty:

You can run putty file just after downloading it.

## Configuration of Router to assign ip address and data packet route:

r1 right click text 150.1.7.103/24

ri open ssh

no → enable → config t

int eth 0/0

ip add 150.1.7.103 255.255.255.0

no sh

exit

```
ip route 0.0.0.0 0.0.0.0 150.1.7.100
```

```
end
```

```
Router>
Router>en
Router#conf t
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#int eth 0/0
Router(config-if)#ip add 150.1.7.103 255.255.255.0
Router(config-if)#no sh
Router(config-if)#exi
Router(config)#
Router(config)#ip route 0.0
*Sep 17 10:16:39.691: %LINK-3-UPDOWN: Interface Ethernet0/0, changed state to up
*Sep 17 10:16:40.696: %LINEPROTO-5-UPDOWN: Line protocol on Interface Ethernet0/0,
Router(config)#ip route 0.0.0.0 0.0.0.0 150.1.7.100
Router(config)#end
Router#con
*Sep 17 10:16:47.630: %SYS-5-CONFIG_I: Configured from console by consolef
Router#conf t
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#hos
Router(config)#hostname R1
R1(config)#EXI
R1#wr
Building configuration...
[OK]
R1#
*Sep 17 10:16:55.235: %SYS-5-CONFIG_I: Configured from console by console
R1#
```

## CONFIGURATION ON ROUTER TO MAKE IT FULL DUPLEX:

```
Router> enable
```

```
Router# configure terminal
```

```
Router(config)# interface ethernet0/0
```

```
Router(config-if)# no shutdown
```

```
Router(config-if)# duplex full
```

```
Router(config-if)# end
```

## Common Issues:

[Intel-VT Issue Resolution.docx](#)

[ERROR 71 HOW TO FIX .....docx](#)