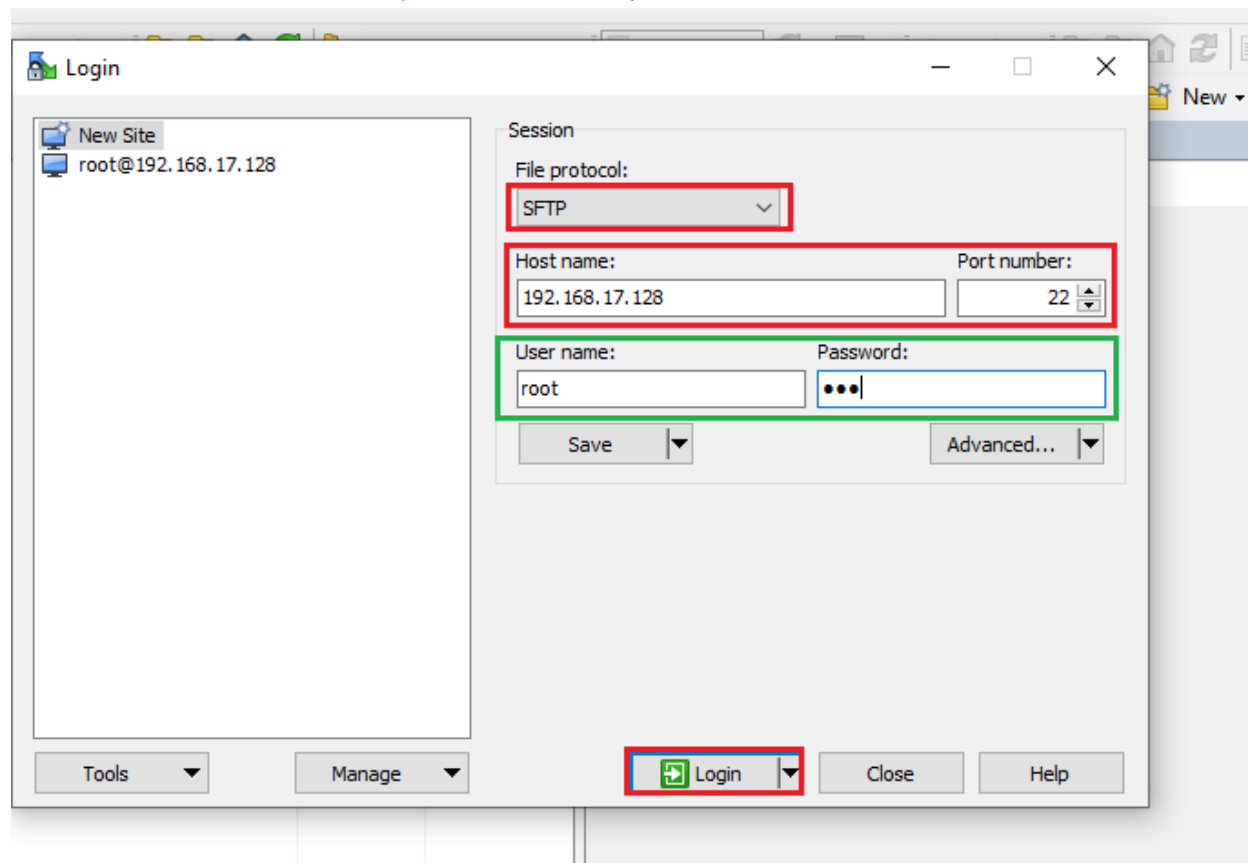
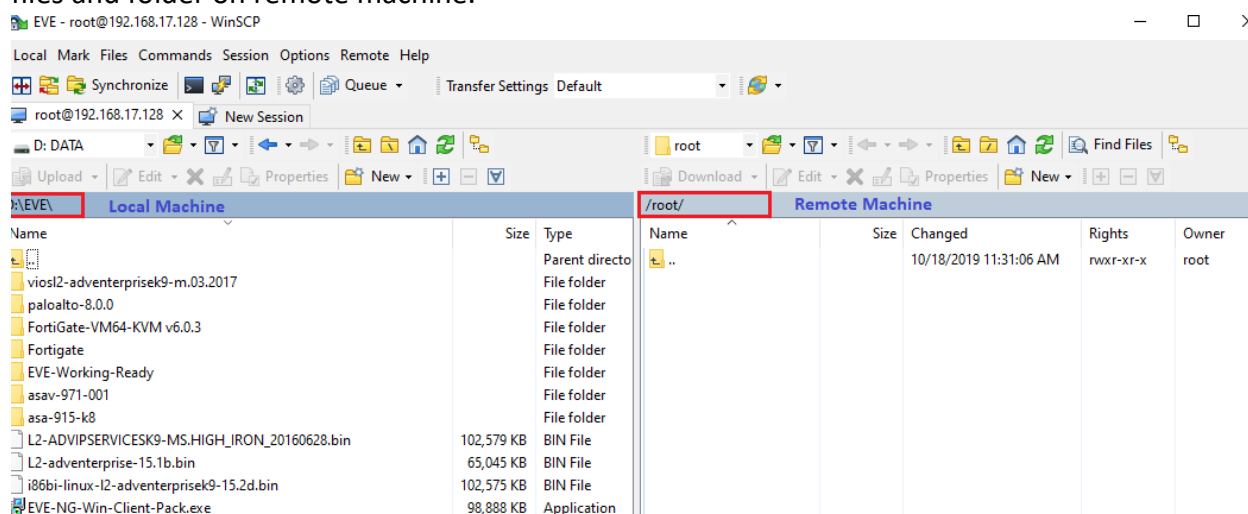


Upload FortiGate Firewall in EVE-NG:

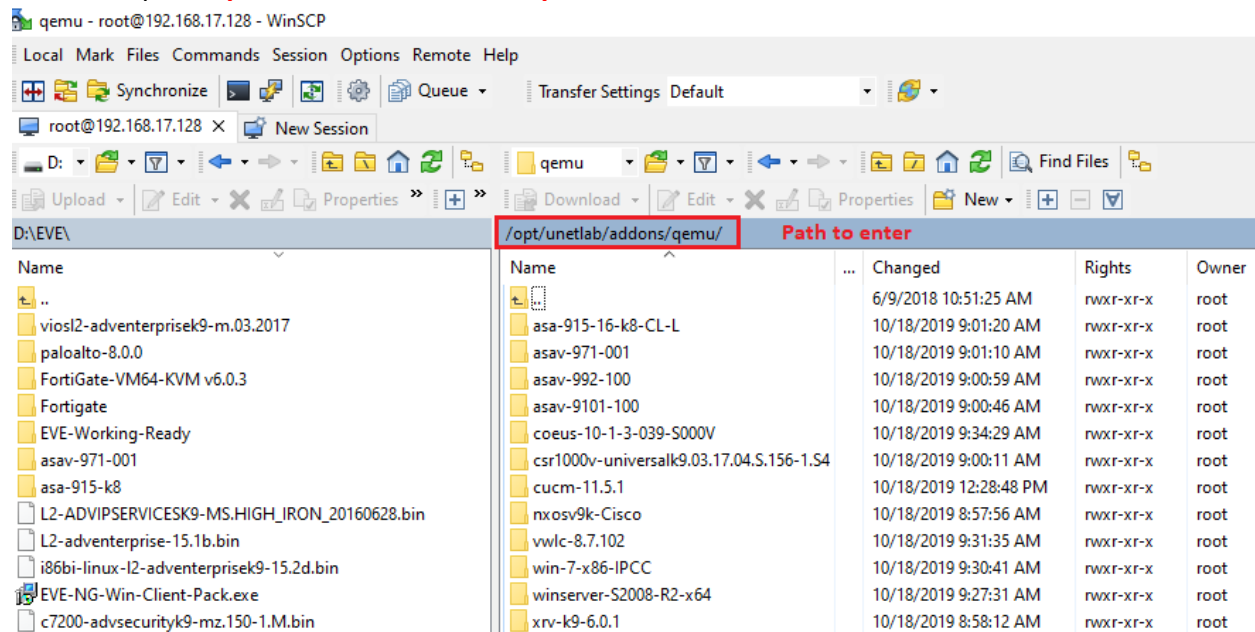
Open **WinSCP**, once you connected to WinSCP type the IP address of EVE-NG in host name choose the File Protocol: **SFTP**, Port number: **22**, User names: **root** and Password: **eve**.



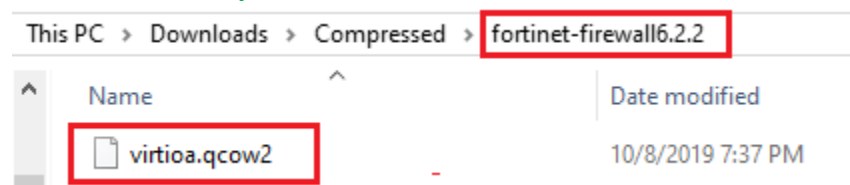
The column on the left represent file on local machine and the column on the right represent files and folder on remote machine.



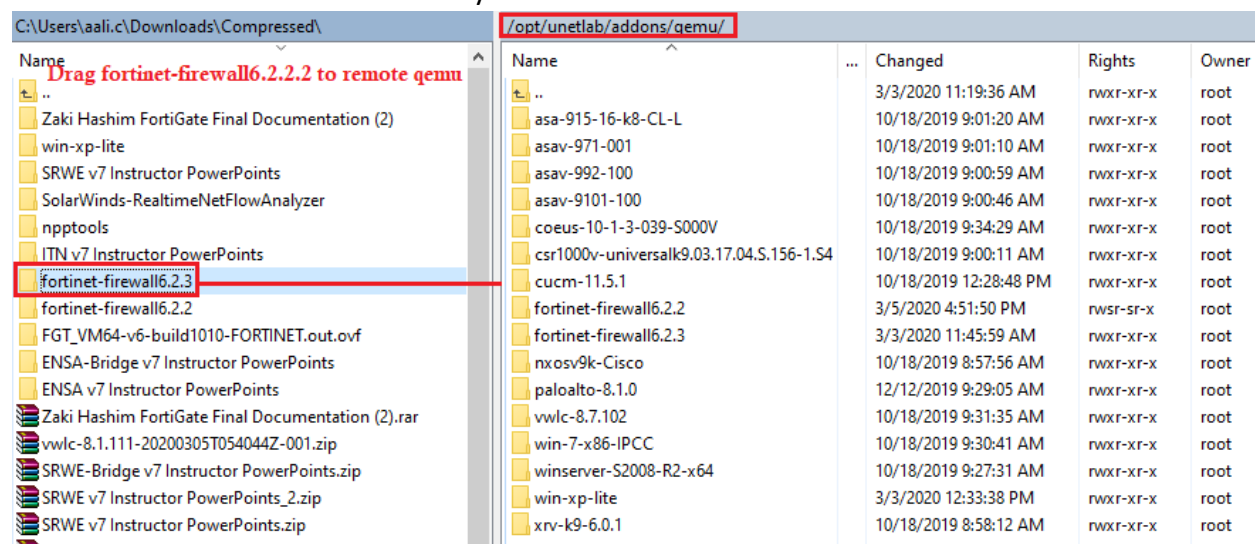
Go to the path **opt->unetlab->addons->qemu** on the remote machine.



Create a directory in your system using the name: **fortinet-firewall6.2.2** copy the file downloaded to fortinet-firewall6.2.2 folder rename **fortios.qcow2** to **virtioa.qcow2** the name must be: **virtioa.qcow2**



Navigate to the folder from local to remote machine and upload. Once the process completed the file will be available immediately.

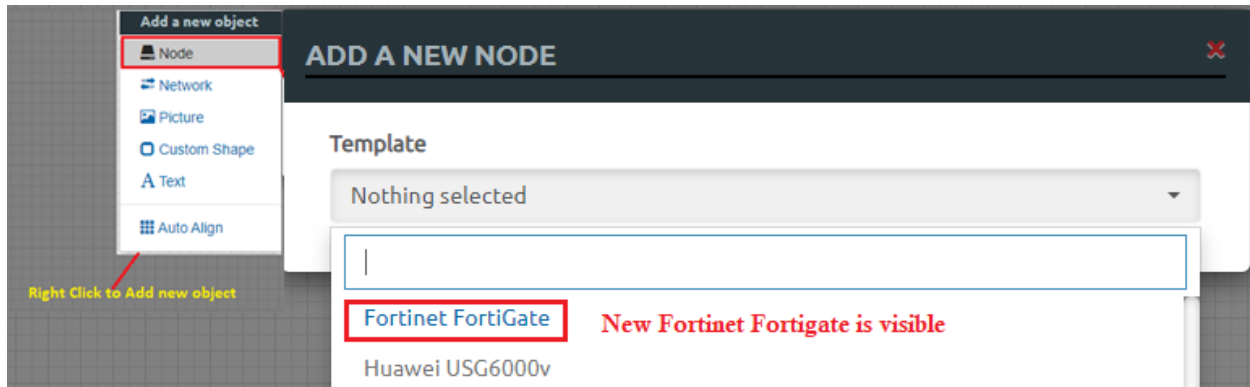


Save the configuration by fixing the permissions using the following command on EVE-NG.

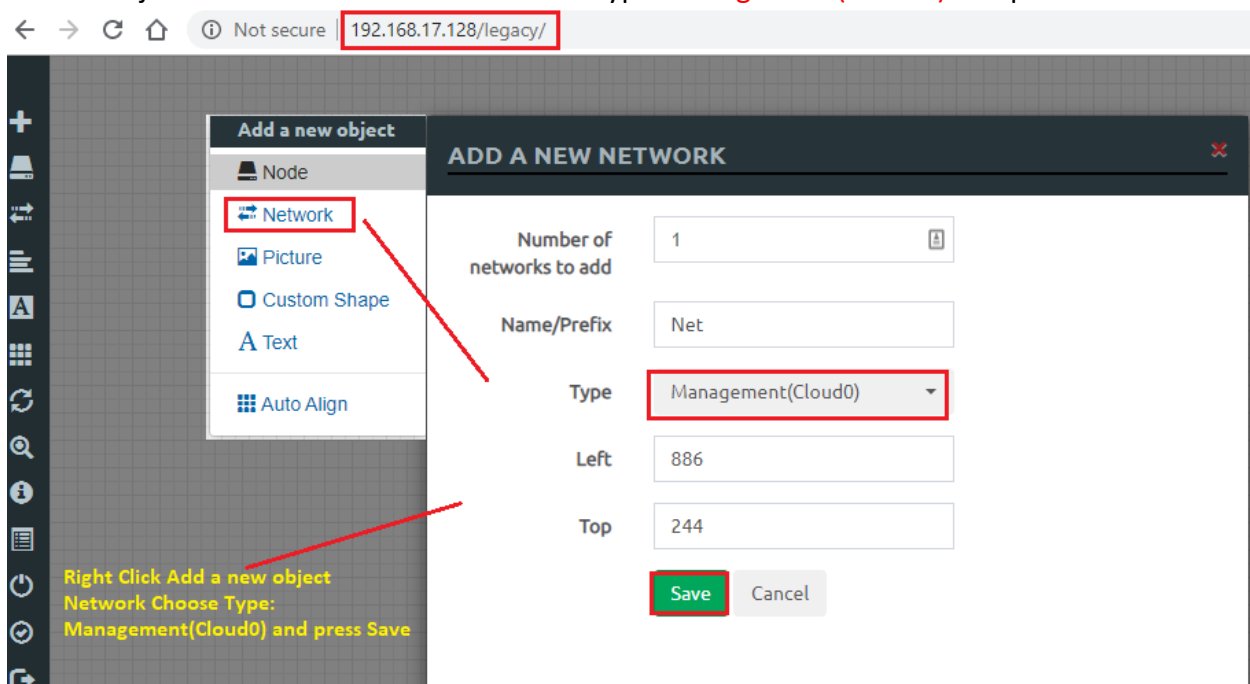
`/opt/unetlab/wrappers/unl_wrapper -a fixpermissions`

```
root@eve-ng:~#  
root@eve-ng:~#  
root@eve-ng:~# /opt/unetlab/wrappers/unl_wrapper -a fixpermissions
```

Open the EVE-NG in the browser then 'Add an Object' and select the Node.



Add an object' and select the Network make Type **Management(Cloud0)** and press Save button.



Connect Network Object to Fortinet **Port1**.



At the login prompt type admin and press Enter. The password area is blank by default. It may prompt to immediately change the password. Provide the password twice.

```

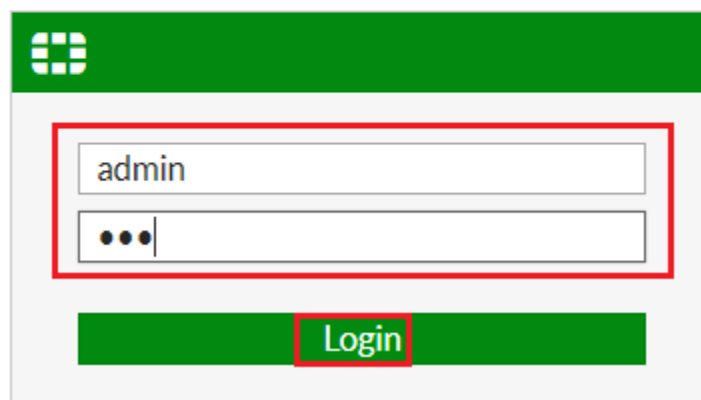
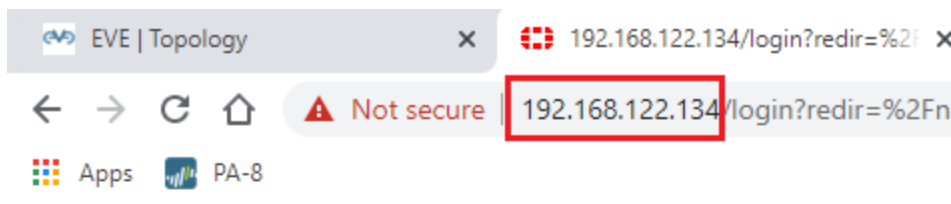
FortiGate-VM64-KVM login: admin
Password:
You are forced to change your password, please input a new password.
New Password:***
Confirm Password:***
Welcome !
  
```

It will get the IP address from DHCP server if available or you can set static IP address. Type the command to see IP Address: **FortiGate-VM64-KVM#Diagnose ip address list**

```


FortiGate-VM64-KVM # diagnose ip address list
IP=192.168.122.134->192.168.122.134/255.255.255.0 index=3 devname=port1
IP=127.0.0.1->127.0.0.1/255.0.0.0 index=7 devname=root
IP=127.0.0.1->127.0.0.1/255.0.0.0 index=9 devname=vsys_ha
IP=127.0.0.1->127.0.0.1/255.0.0.0 index=11 devname=vsys_fgfm
  
```


Now can manage the PA-VM node via GUI, Use the computer that connected to management network; then use web browser to navigate <http://192.168.122.134/> Login using **admin/123**



You will be prompted to complete the setup of FortiGate. For this I have chosen to do so Later.

FortiGate Setup

 Perform the following steps to complete the setup of this FortiGate.


- Specify Hostname
- Change your password 

Begin

Later

Once logged in, the Dashboard status appears. FortiGate gives you 14-day trial access to VM.

FortiGate VM License

 Evaluation license. Upload a new license before the evaluation period expires.

Allocated vCPUs

100%

1 / 1

Allocated RAM

98%


1002 MiB / 1 GiB

Expires on

2020/03/20

Upload License File

Select file

 Upload

OK

Cancel