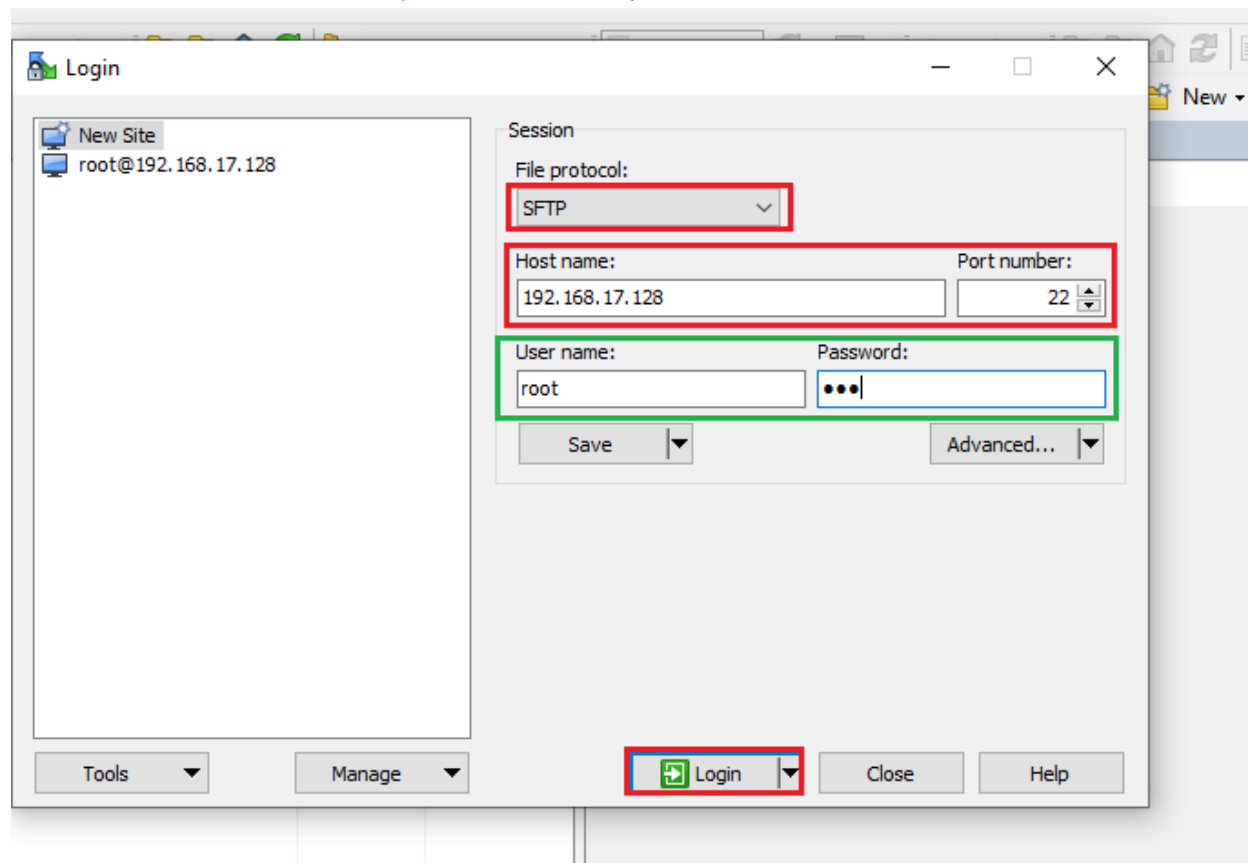
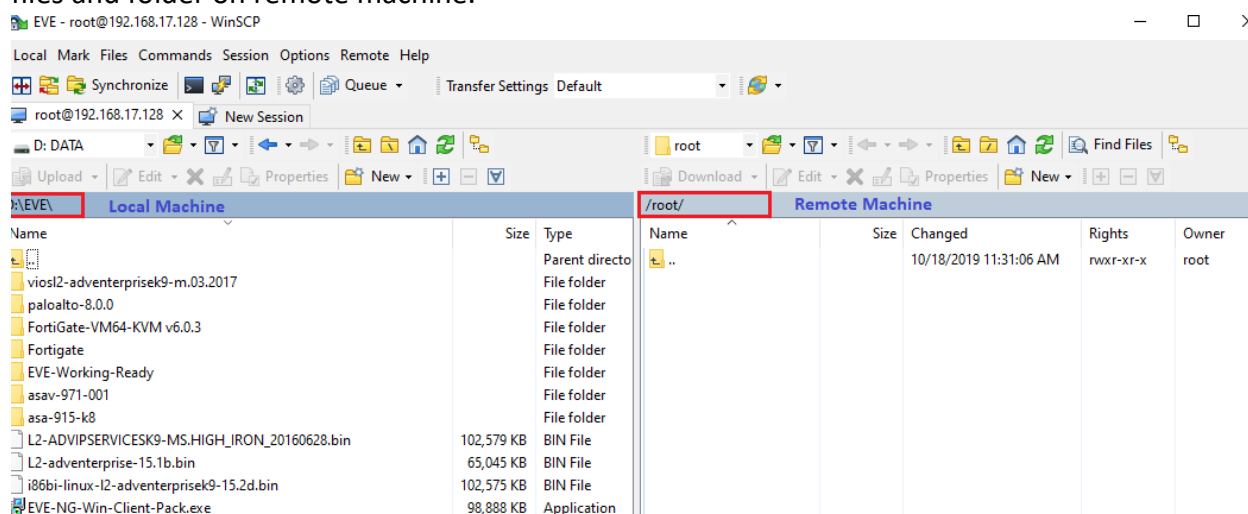


Upload CSR SD-WAN Image in EVE-NG:

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**.



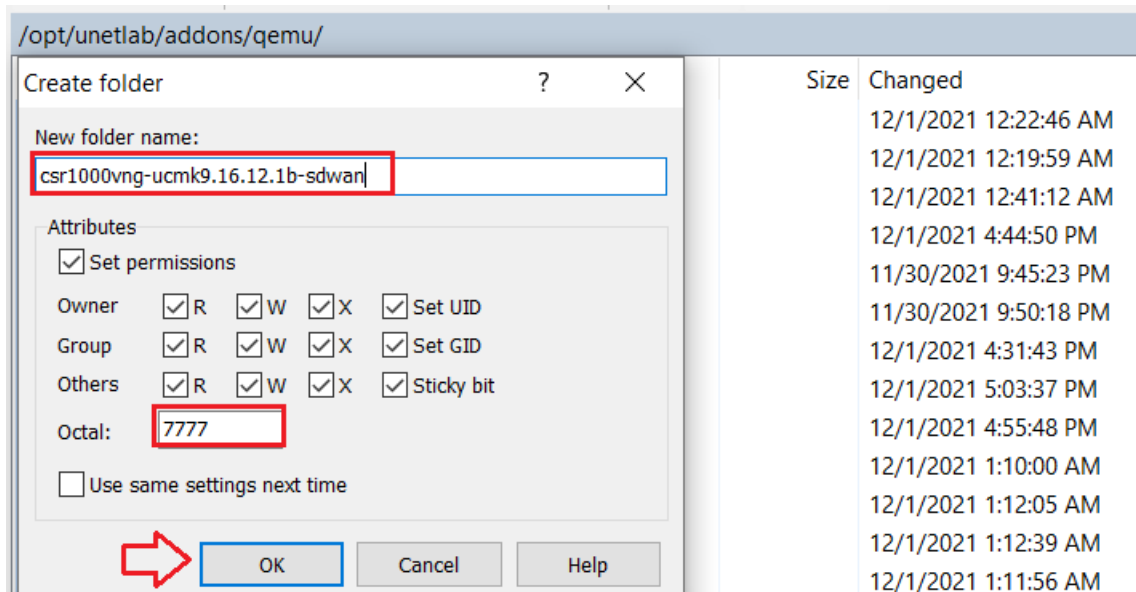
The column on the left represent file on local machine and the column on the right represent files and folder on remote machine.



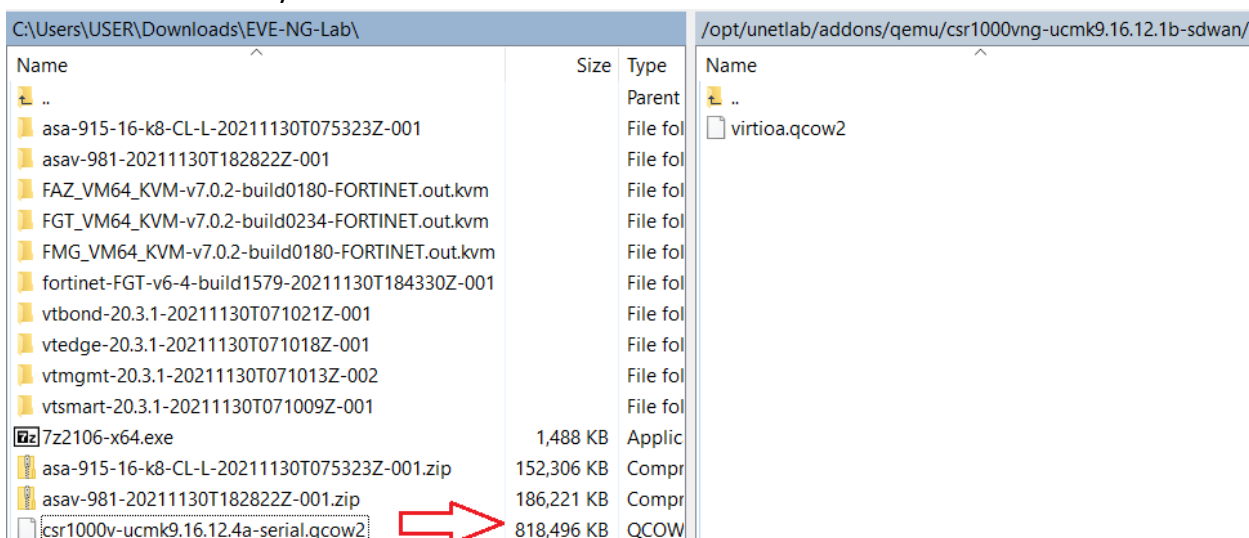
Download Cisco CSR SD-WAN Image from below drive link.

<https://upw.io/779/csr1000v-ucmk9.16.12.4a-serial.qcow2>

Go to the path **opt->unetlab->addons->qemu** on the remote machine create a folder with name: **csr1000vng-ucmk9.16.12.1b-sdwan**



Now, copy the download CSR SD-WAN images [csr1000v-ucmk9.16.12.4a-serial.qcow2](https://upw.io/779/csr1000v-ucmk9.16.12.4a-serial.qcow2) from local machine to EVE NG remote machine already created folder. Rename the file **csr1000v-ucmk9.16.12.4a-serial.qcow2** to **virtioa.qcow2**. 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' go to **Cisco CSR 1000V (XE 16.x)** and select Node.

ADD A NEW NODE

Template
Cisco CSR 1000V (XE 16.x)

Number of nodes to add
1

Image
csr1000vng-ucmk9.16.12.1b-sdwan

Name/prefix
CSR

Icon
CSRv1000.png

Now, Cisco CSR SD-WAN image is available for use in the labs.

