Versions this guide is based on:

EVE Image Name	Downloaded Filename	Version	vCPUs	vRAM	Console
1. paloalto-7.0.1	PA-VM-ESX-7.0.1.ova	7.0.1	2	4096	Telnet
2. paloalto-8.0.1	PA-VM-KVM-8.0.1.qcow2	8.0.1	2	4096	Telnet

Other versions should also be supported following bellow's procedure.

1 Method, converting from OVA VMDK disk.

1.1. Create temporary working directory and upload the downloaded image to the EVE using for example FileZilla or WinSCP. Then login as root using SSH protocol and uncompress it:

```
mkdir abc
cd abc
tar xf PA-VM-ESX-7.0.1.ova
```

1.2. Then convert the disk to the qcow2 format:

```
/opt/qemu/bin/qemu-img convert -f vmdk -O qcow2 PA-VM-ESX-7.0.1-disk1.vmdk virtioa.qcow2
```

1.3. Create the folder for HDD image and move it:

```
mkdir /opt/unetlab/addons/qemu/paloalto-7.0.1
mv virtioa.qcow2 /opt/unetlab/addons/qemu/paloalto-7.0.1
```

1.4. Delete temporary directory abc and fix permissions:

```
cd ..
rm -rf abc
/opt/unetlab/wrappers/unl_wrapper -a fixpermissions
```

Default username is **admin** with password **admin**.

2 Method, deploying KVM .qcow2 image

2.1. Using our image table, create correct image folder, this example is for image 2. in the table above. It is paloalto 8.0.1 image. Per our image naming table we have to create image folder starting with paloalto-, lets do it.

```
mkdir /opt/unetlab/addons/qemu/paloalto-8.0.1/
```

2.2. Upload the downloaded image to the EVE /opt/unetlab/addons/qemu/paloalto-8.0.1/ folder using for example FileZilla or WinSCP.

2.3. From the EVE cli, go to newly created image folder.

```
cd /opt/unetlab/addons/qemu/paloalto-8.0.1/
```

2.4. Rename original filename to virtioa.qcow2

```
mv PA-VM-KVM-8.0.1.qcow2 virtioa.qcow2
```

2.5. Fix permissions:

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

Default username is **admin** with password **admin**.