

EVE-NG Networks:

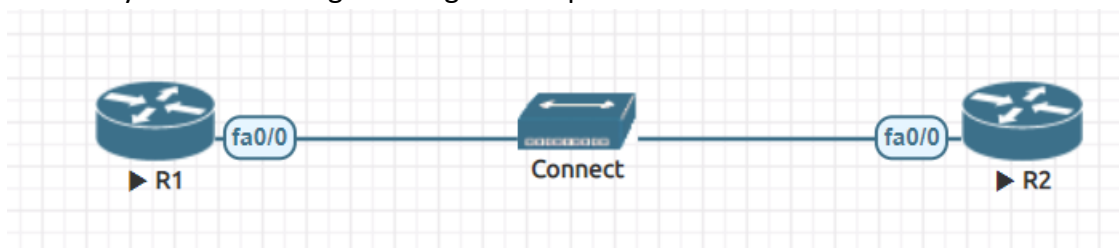
Bridge Network:

The EVE Bridge interface acts like an unmanaged Switch. It supports passing along tagged dot1q packets. We have to connect many nodes in a flat (dot1q) network. Right-clicking on the topology area and selecting “Add Network” or in the sidebar click “Add an Object” and then select “Network.”. Name/prefix can be changed in order to rename your Bridge network. Make sure your network type is set to bridge.

ADD A NEW NETWORK ✕

Number of networks to add	<input type="text" value="1"/>
Name/Prefix	<input type="text" value="Connect"/>
Type	<div>bridge ▾</div>
Left	<input type="text" value="500"/>
Top	<input type="text" value="172"/>
<div><div>Save</div><div>Cancel</div></div>	

Connect your nodes using the drag and drop connector.



Management Cloud0 Interface:

EVE management interface is also known as the Cloud0 network for labs. The Cloud0 interface is bridged with your EVEs first NIC. "Cloud" is used as an alias to Pnet. Cloud0 is commonly used inside EVE labs to get management access to nodes running inside EVE from a host machine external to EVE.

The screenshot shows the EVE-NG VM settings window. On the left, under 'Devices', the 'Network Adapter' is set to 'NAT'. A blue arrow points from 'NAT' to the 'Management(Cloud0)' option in the 'Type' dropdown menu. A red arrow points from 'Host-only' to the 'Cloud1' option. The 'Type' dropdown menu is open, showing options: bridge, Management(Cloud0), Cloud1, Cloud2, Cloud3, Cloud4, Cloud5, Cloud6, and Cloud7. The 'Net' field is empty.


How to obtain my Cloud0 subnet and gateway IP. Many EVE VMs only have a DHCP address assigned on the pnet0 interface.

```
root@eve-ng:~# route
Kernel IP routing table
Destination    Gateway      Genmask      Flags Metric Ref    Use Iface
default        192.168.114.2 0.0.0.0      UG 0       0       0 pnet0
172.17.0.0     *            255.255.0.0  U  0       0       0 docker0
172.29.129.0   *            255.255.255.0 U  0       0       0 nat0
192.168.114.0  *            255.255.255.0 U  0       0       0 pnet0
root@eve-ng:~#
```

Virtual Network Editor					
Name	Type	External Connection	Host Connection	DHCP	Subnet Address
VMnet1	Host-only	-	Connected	Enabled	192.168.65.0
VMnet2	Host-only	-	Connected	-	192.168.1.0
VMnet8	NAT	NAT	Connected	Enabled	192.168.114.0

Other Cloud Interfaces:

Other cloud interfaces can be used to extend a lab connection inside of EVE or bridged with other EVE interfaces to connect external networks or devices.

 **EVE-COMM-VM**

▶ Power on this virtual machine

🔧 Edit virtual machine settings

🔄 Upgrade this virtual machine

▼ **Devices**

Memory

Processors

Hard Disk (SCSI)

Hard Disk 2 (SCSI)

Network Adapter

Network Adapter 2

USB Controller

Display

16 GB

8

50 GB

200 GB

NAT

Host-only

Present

Auto detect

Name/Prefix

Net

Type

bridge

Left

Top

bridge

Management(Cloud0)

Cloud1

Cloud2

Cloud3

Cloud4

Cloud5

Cloud6

Cloud7

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