

Table of Contents

- Virt Manager VLAN*** 3
- Install open vswitch 3
- Create libvirt network with vlan 3
- On virtual machine 3
- References 4

Virt Manager VLAN

Install open vswitch

Install and create bridge:

```
sudo apt-get install openvswitch-switch
sudo ovs-vsctl add-br virbr2
sudo ovs-vsctl add-port virbr2 enp0s31f6
```

Create libvirt network with vlan

Create a file test.xml:

```
<network connections='2'>
  <name>vlan42</name>
  <uuid>04a64a40-f1b8-48f6-a396-7a4e83f25826</uuid>
  <forward mode='bridge'/>
  <bridge name='virbr2'/>
  <virtualport type='openvswitch'/>
  <portgroup name='vlan-all' default='yes'>
    <vlan trunk='yes'>
      <tag id='42'/>
      <tag id='802'/>
      <tag id='803'/>
      <tag id='804'/>
      <tag id='805'/>
    </vlan>
  </portgroup>
</network>
```

Import and create file:

```
sudo virsh net-create test.xml
sudo virsh net-start vlan42
sudo virsh net-autostart vlan42
```

On virtual machine

```
sudo nmcli con add type vlan ifname VLAN42 dev enp7s0 id 42
sudo nmcli con mod vlan-VLAN42 connection.autoconnect yes
sudo nmcli con mod vlan-VLAN42 ipv4.method manual ipv4.addresses
192.168.100.2/24
```

References

- <https://www.netflask.net/transparent-vlan-tagging-libvirt-ovs/>
- <http://docs.openvswitch.org/en/latest/intro/install/debian/>

From:
<https://estebanmonge.site/> - **Esteban Monge**

Permanent link:
https://estebanmonge.site/doku.php?id=virt_manager_vlan

Last update: **2020/05/08 18:32**

