

# Openvswitch

[virtualisation](#), [libvirt](#), [openvswitch](#)

## Installation

Nous installons les paquets

```
aptitude install openvswitch-switch
```

## Configuration

Nous adaptons le fichier `/etc/network/interfaces` pour qu'il ressemble à ceci

```
auto lo
iface lo inet loopback

auto vbr0
allow-ovs vbr0
iface vbr0 inet manual
    ovs_type OVSBridge
    ovs_ports eth0 vlan40 vlan41
    mtu 9000

allow-ovsbr0 eth0
iface eth0 inet manual
    ovs_type OVSPort
    ovs_bridge vbr0
    ovs_options tag=40 vlan_mode=native-untagged
    mtu 9000

allow-ovsbr0 vlan40
iface vlan40 inet static
    ovs_type OVSPort
    ovs_bridge vbr0
    ovs_options tag=40
    ovs_extra set interface ${IFACE} external-ids:iface-id=$(hostname -s)-
    ${IFACE}-vif
    address 192.168.40.241
    netmask 255.255.255.0
    gateway 192.168.40.1
    mtu 1500

allow-ovsbr0 vlan41
iface vlan41 inet static
    ovs_type OVSPort
    ovs_bridge vbr0
```

```
ovs_options tag=41
ovs_extra set interface ${IFACE} external-ids:iface-id=$(hostname -
s)-${IFACE}-vif
address 192.168.41.241
netmask 255.255.255.0
gateway 192.168.41.1
mtu 1500
```

Pour contrôler la configuration

```
sudo ovs-vsctl show
```

From:  
<https://wiki.grohub.org/> - **Grohub wiki**

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Last update: **01/12/2020 10:54**

