

# Openvswitch

[Virtualisation](#), [Proxmox](#), [Openvswitch](#)

Nous installons Openvswitch

```
sudo aptitude install openvswitch-switch
```

## Configuration

Nous éditons le fichier `/etc/network/interfaces` et y ajoutons la configuration suivante

```
auto lo
iface lo inet loopback

auto vbr0
allow-ovs vbr0
iface vbr0 inet manual
    ovs_type OVSBridge
    ovs_ports eno1 vlan10 vlan11 vlan12 vlan20
    mtu 9000

allow-vbr0 eno1
iface eno1 inet manual
    ovs_type OVSPort
    ovs_bridge vbr0
    ovs_options tag=10 vlan_mode=native-untagged
    mtu 9000

allow-vbr0 vlan10
iface vlan10 inet static
    ovs_type OVSIntPort
    ovs_bridge vbr0
    ovs_options tag=10
    ovs_extra set interface ${IFACE} external-ids:iface-id=$(hostname -s)-
    ${IFACE}-vif
    address 192.168.10.2
    netmask 255.255.255.0
    gateway 192.168.10.254
    mtu 1500
#Network vlan

allow-vbr0 vlan11
iface vlan11 inet static
    ovs_type OVSIntPort
    ovs_bridge vbr0
    ovs_options tag=11
    ovs_extra set interface ${IFACE} external-ids:iface-id=$(hostname -
```

```
s)-${IFACE}-vif
    address 192.168.11.1
    netmask 255.255.255.0
    gateway 192.168.11.254
    mtu 1500
#Servers vlan

allow-vmbr0 vlan12
iface vlan12 inet static
    ovs_type OVSIntPort
    ovs_bridge vmbr0
    ovs_options tag=12
    ovs_extra set interface ${IFACE} external-ids:iface-id=$(hostname -
s)-${IFACE}-vif
    address 192.168.12.1
    netmask 255.255.255.0
    gateway 192.168.12.254
    mtu 1500
#Containers vlan

allow-vmbr0 vlan20
iface vlan20 inet static
    ovs_type OVSIntPort
    ovs_bridge vmbr0
    ovs_options tag=20
    ovs_extra set interface ${IFACE} external-ids:iface-id=$(hostname -
s)-${IFACE}-vif
    address 192.168.20.1
    netmask 255.255.255.0
    gateway 192.168.20.254
    mtu 1500
#VOIP vlan
```

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