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Subject: Openvz + bonding + vlan tagged howto  
Posted by [psilva](#) on Wed, 30 Jul 2014 15:00:52 GMT  
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Dear Colleagues

I'm trying to configure a virtual server with openvz, so that server ip occupy a vlan is going through a bonding.

On the host, perform the work of creating a VLAN using a bonding, but do not understand how to make the virtual machine is assigned an IP, and that is visible not only from the host only network, I guess I have issues routing in between ...

Grateful to his instructions, I copy the my configurations

- Paul

```
cat ifcfg-bond0
DEVICE=bond0
ONBOOT=yes
```

```
-----
ifcfg-bond.204
VLAN=yes
VLAN_NAME_TYPE=VLAN_PLUS_VID_NO_PAD
DEVICE=vlan204
PHYSDEV=bond0
BOOTPROTO=static
ONBOOT=yes
TYPE=Ethernet
```

```
-----
cat ifcfg-eth1
# Intel Corporation 82545EM Gigabit Ethernet Controller (Copper)
DEVICE=eth1
TYPE=Ethernet
USERCTL=no
MASTER=bond0
SLAVE=yes
BOOTPROTO=none
ONBOOT=yes
```

```
-----
cat ifcfg-eth2
# Intel Corporation 82545EM Gigabit Ethernet Controller (Copper)
DEVICE=eth2
TYPE=Ethernet
```

```
USERCTL=no
MASTER=bond0
SLAVE=yes
BOOTPROTO=none
ONBOOT=yes
```

```
-----
```

```
# RAM
PHYSPAGES="0:524288"
```

```
# Swap
SWAPPAGES="0:131072"
```

```
# Disk quota parameters (in form of softlimit:hardlimit)
DISKSPACE="2306048:2306048"
DISKINODES="131072:144179"
QUOTATIME="0"
```

```
# CPU fair scheduler parameter
CPUUNITS="1000"
```

```
NETFILTER="stateless"
VE_ROOT="/vz/root/$VEID"
VE_PRIVATE="/vz/private/$VEID"
OSTEMPLATE="centos-6-x86_64"
ORIGIN_SAMPLE="vswap-1g"
HOSTNAME="test"
ONBOOT="yes"
NETIF=" ifname=bond.204,mac=00:18:51:44:F6:8D,host_ifname=veth113.204,host_mac=00:18:51:6B:69:E2 "
NAMESERVER="10.200.a.b"
IP_ADDRESS="10.200.e.f"
PRIVVMPAGES="unlimited"
CPUS="2"
CPULIMIT="100"
```

```
echo "1" /proc/sys/net/ipv4/conf/veth113.204/proxy_arp
echo "1" > /proc/sys/net/ipv4/conf/veth113.204/proxy_arp
echo "1" > /proc/sys/net/ipv4/conf/veth113.204/forwarding
echo "1" > /proc/sys/net/ipv4/conf/vlan204/forwarding
echo "1" > /proc/sys/net/ipv4/conf/vlan204/proxy_arp
```