
Subject: Vlan

Posted by [weldpua2008](#) on Fri, 18 Jul 2008 15:18:09 GMT

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Create VLAN device on physical network interface (eth0) and move it (VLAN device) to container:

```
host # vconfig add eth0 <vlan_id>
```

```
host # vzctl set <CTID> --netif_add eth0.<vlan_id> --save
```

Create VLAN device inside container on veth device

```
ve # vconfig add eth0 <vlan_id>
```

```
~# vconfig add eth0 20
```

```
Added VLAN with VID == 20 to IF -:eth0:-
```

```
# vzctl set 222 --netif_add eth0.20 --save
```

```
Configure veth devices: veth222.0
```

```
Saved parameters for VE 222
```

```
debian:~# vzctl enter 222
```

```
entered into VE 222
```

```
VE:222 h:~# vconfig add eth0 20
```

```
ERROR: trying to add VLAN #20 to IF -:eth0:- error: Invalid argument
```

```
VE:222 h:~# logout
```

```
exited from VE 222
```

```
debian:~# vzctl restart 222
```

```
Restarting VE
```

```
Stopping VE ...
```

VE was stopped

```
VE is unmounted
```

```
Starting VE ...
```

```
VE is mounted
```

```
Adding IP address(es): 10.11.25.2
```

```
Setting CPU limit: 65
```

```
Setting CPU units: 38250
```

```
Setting devices
```

```
Configure meminfo: 465505
```

```
Set hostname: forum.skm.net.ua
```

```
Setting quota ugidlimit: 1000
```

```
Configure veth devices: veth222.0
```

```
VE start in progress...
```

```
debian:~#
```

```
Display all 953 possibilities? (y or n)
```

```
debian:~#
```

```
debian:~# vzctl enter 222
```

```
entered into VE 222
```

```
VE:222 h:~# vconfig add eth0 20
```

```
ERROR: trying to add VLAN #20 to IF -:eth0:- error: Invalid argument
```

```
VE:222 h:~# ifconfig
```

```

lo    Link encap:Local Loopback
      inet addr:127.0.0.1  Mask:255.0.0.0
      inet6 addr: ::1/128 Scope:Host
      UP LOOPBACK RUNNING  MTU:16436  Metric:1
      RX packets:0 errors:0 dropped:0 overruns:0 frame:0
      TX packets:0 errors:0 dropped:0 overruns:0 carrier:0
      collisions:0 txqueuelen:0
      RX bytes:0 (0.0 b)  TX bytes:0 (0.0 b)

venet0  Link encap:UNSPEC  HWaddr 00-00-00-00-00-00-00-00-00-00-00-00-00-00-00-00
      inet addr:127.0.0.1  P-t-P:127.0.0.1  Bcast:0.0.0.0  Mask:255.255.255.255
      UP BROADCAST POINTOPOINT RUNNING NOARP  MTU:1500  Metric:1
      RX packets:525 errors:0 dropped:0 overruns:0 frame:0
      TX packets:388 errors:0 dropped:0 overruns:0 carrier:0
      collisions:0 txqueuelen:0
      RX bytes:703523 (687.0 KiB)  TX bytes:21454 (20.9 KiB)

venet0:0  Link encap:UNSPEC  HWaddr 00-00-00-00-00-00-00-00-00-00-00-00-00-00-00-00
      inet addr:10.11.25.2  P-t-P:10.11.25.2  Bcast:0.0.0.0  Mask:255.255.255.255
      UP BROADCAST POINTOPOINT RUNNING NOARP  MTU:1500  Metric:1

# logout
exited from VE 222
debian:~# ifconfig
eth0    Link encap:Ethernet  HWaddr 00:0E:2E:A4:1C:C5
      inet addr:10.1.1.3  Bcast:10.1.255.255  Mask:255.255.0.0
      inet6 addr: fe80::20e:2eff:fea4:1cc5/64 Scope:Link
      UP BROADCAST RUNNING MULTICAST  MTU:1500  Metric:1
      RX packets:199139437 errors:910 dropped:1169 overruns:101 frame:0
      TX packets:286884470 errors:0 dropped:0 overruns:0 carrier:0
      collisions:0 txqueuelen:1000
      RX bytes:4200451771 (3.9 GiB)  TX bytes:407282252 (388.4 MiB)
      Interrupt:5 Base address:0xe800

lo    Link encap:Local Loopback
      inet addr:127.0.0.1  Mask:255.0.0.0
      inet6 addr: ::1/128 Scope:Host
      UP LOOPBACK RUNNING  MTU:16436  Metric:1
      RX packets:16 errors:0 dropped:0 overruns:0 frame:0
      TX packets:16 errors:0 dropped:0 overruns:0 carrier:0
      collisions:0 txqueuelen:0
      RX bytes:1364 (1.3 KiB)  TX bytes:1364 (1.3 KiB)

venet0  Link encap:UNSPEC  HWaddr 00-00-00-00-00-00-00-00-00-00-00-00-00-00-00-00
      UP BROADCAST POINTOPOINT RUNNING NOARP  MTU:1500  Metric:1
      RX packets:286715036 errors:0 dropped:0 overruns:0 frame:0

```

TX packets:186916564 errors:0 dropped:0 overruns:0 carrier:0
collisions:0 txqueuelen:0
RX bytes:677347402 (645.9 MiB) TX bytes:145211851 (138.4 MiB)

veth222.0 Link encap:Ethernet HWaddr 00:18:51:D5:2C:92
inet6 addr: fe80::218:51ff:fed5:2c92/64 Scope:Link
UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1
RX packets:0 errors:0 dropped:0 overruns:0 frame:0
TX packets:0 errors:0 dropped:0 overruns:0 carrier:0
collisions:0 txqueuelen:0
RX bytes:0 (0.0 b) TX bytes:0 (0.0 b)
