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)