Subject: Cannot add VLAN devices to guest with new kernel
Posted by Benny Amorsen on Tue, 19 Dec 2006 08:54:31 GMT
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I opened bug 395 because of what I considered a regression in test007 compared to test005. The original message:

[root@router01 ~]# uname -r
2.6.18-ovz028test007.1-smp
[root@router01 ~]# vzctl start 114
Starting VE ...
VE is mounted
Setting CPU units: 1000
VE start in progress...
[root@router01 ~]# vzctl set 114 --netdev_add eth0.114 --save
Unable to add netdev eth0.114: Operation not permitted
Saved parameters for VE 114

It works with test005.

There was quite a lot of back and forth between Andrey Mirkin and me. So far it ended with this comment from Andrey Mirkin:

"It is not secure to use VLANs from VE0 (by --netdev_add) inside VE as they will operate from VE0 context."

It confuses me that it is possible to use --netdev_add for physical ethernet devices, but not for VLAN devices.

The alternative solution is to create veth devices and bridge them to the VLAN devices in VE0. This is not very attractive, because there will be hundreds of them in my setup.

Good ideas and explanations welcome...

/Benny