Subject: Re: openvpn and tap/bridging with a "dummy" network adapter?
Posted by snowdeal on Fri, 24 Feb 2006 01:45:14 GMT

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dev wrote on Thu, 23 February 2006 05:201. have you got dummy network device in VPS?
vps# ifconfig -a

Did you simply move it from host via vzctl set --netdev_add?

i do now   thanks for the hint. i created it on the hardware node and moved it to the vps.

dev wrote on Thu, 23 February 2006 05:202. VPS have no rights to change MAC addresses by default.
This is a security limitation.

So you need to give CAP_NET_ADMIN capability to your VPS:
host# vzctl set VPSID --capability net_admin:on

thanks for that tip, but since i'm creating the dummy device on the hw node, i don't need to change the mac address in the vps.

but! i now have a new problem. after i create the dummy device and move it to the vps, inside the vps i then create the tap interface [1] but when i try to create br0 (obviously i've installed bridge-utils in the vps), i get an error [3]. perhaps i don't have another "capability option" turned on that's off by default? perhaps sys_admin or ve_admin?

is there a "capability option" that would allow me to create bridges in the vps?

is there a more detailed explanation of various capability options beyond the vzctl man page [4]?

[1] openvpn --mktun --dev tap0
[2] brctl addbr br0
[3] add bridge failed: Operation not permitted
[4] http://openvz.org/documentation/mans/vzctl.8