
Subject: /etc/network/interfaces file

Posted by [Balbuzard](#) on Tue, 19 May 2009 06:49:15 GMT

[View Forum Message](#) <> [Reply to Message](#)

Hey,

I have had a look at the /etc/network/interfaces file in a VPS, and I am surprised by the values of the netmask and the broadcast

255.255.255.255 for the netmask and 0.0.0.0 for the gateway.

I have tried to modify these values for more realistic ones

255.255.255.0 for the netmask and 192.168.10.255 for the broadcast, but then, I can not change the IP values with the vzctl command. And it becomes impossible to do live migration too.

Here is the content of the /etc/network/interfaces file

Auto generated interfaces

auto lo

iface lo inet loopback

auto venet0

iface venet0 inet static

address 127.0.0.1

netmask 255.255.255.255

broadcast 0.0.0.0

up route add -net 192.0.2.1 netmask 255.255.255.255 dev venet0

up route add default gw 192.0.2.1

auto venet0:0

iface venet0:0 inet static

address 192.168.10.126

netmask 255.255.255.255

broadcast 0.0.0.0

gateway 192.168.10.1

I don't understand why there are two blocs (one for venet0 and the second one for venet0:0)
And why are these values for netmask and broadcast set like this?

To finish with, I have added the IP-address of the gateway in this file, but after checking, it is not needed! It should however be set somewhere, the VPS can not establish an internet connection without the gateway address?

Thank you for your answers and help, and sorry for my bad English!
