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Subject: Container using veth, but venet0 scripts are being auto-created

Posted by [gkmac](#) on Thu, 15 Sep 2011 21:38:45 GMT

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I'm running OpenVZ with Gentoo Linux installations as guests. One of my containers is networked using veth (which I need for Samba and DHCP). Every time this container is started it is unable to network without manual intervention.

I followed various tutorials and set it up so that the network interface within this guest is known as eth0, so there's a standard /etc/init.d/net.eth0 script as well as a symlink to it from /etc/runlevels/default/net.eth0 and thus eth0 should be brought up before Samba, DHCP and other programs that depend on it.

The problem is when I start that container, something creates /etc/init.d/net.venet0 and adds a symlink in /etc/runlevels/default/ before the init begins. This is incorrect because this container uses veth and not venet.

The result is that it tries to bring up net.venet0 which doesn't exist in the container, and causes all network-dependent programs to fail to start. I have to enter the container, init 1, delete /etc/init.d/net.venet0 and the runlevel symlink and then init 3 to get everything to work properly.

I thought that removing all references to net.venet0 as detailed above would be enough. However when I next (re)start the container those net.venet0 files are incorrectly recreated again, and thus this container cannot start up unattended.

What is causing these net.venet0 files to be created, and how can I stop it?

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