Subject: NETEM kernel for OpenVZ Container
Posted by kuldeep on Mon, 12 Oct 2015 12:14:01 GMT
View Forum Message <> Reply to Message

Hi Folk,

I have created OpenVZ containers using Proxmox.

Is it possible to apply packet loss or delay on venet0 interface using NETEM (tc qdisc add .....)?

I tried using below command..
tc qdisc change dev venet0 root netem loss 0.1%

I am getting error ..
RTNETLINK answers: No such file or directory

Is that means, NETEM is not compatible with OpenVZ kernel?
Any help will be appreciated. Thanks in advance!!
with Regards, Kuldeep

Subject: Re: NETEM kernel for OpenVZ Container
Posted by curx on Mon, 12 Oct 2015 12:56:37 GMT
View Forum Message <> Reply to Message

have you loaded the kernel module sch_netem on hardware node?

Subject: Re: NETEM kernel for OpenVZ Container
Posted by MilesWeb on Mon, 19 Oct 2015 07:17:37 GMT
View Forum Message <> Reply to Message

Did you try using tc qdisc list to see what is in effect? This error sometimes means you are referring to a non-existent entry.

Subject: Re: NETEM kernel for OpenVZ Container
Posted by kuldeep on Mon, 19 Oct 2015 11:26:25 GMT
View Forum Message <> Reply to Message

Hi,

Thanks Curx and KelvinSmith for the responses. Now I am able configure delay and packet loss using NETEM on the interfaces.

Error was because of non-existent entry. I was trying to change the loss without adding qdisc to the interface so I was getting error.

I applied the below configuration and it works...

tc qdisc add dev venet0 handle 1: root htb
tc class add dev venet0 parent 1: classid 1:1 htb rate 100Mbps
tc class add dev venet0 parent 1:1 classid 1:11 htb rate 100Mbps
tc qdisc add dev venet0 parent 1:11 handle 10: netem delay 100ms 10ms 25%
tc filter add dev venet0 protocol ip prio 1 u32 match ip dst $ destinationIP flowid 1:11

As already stated, I am using ProxMox to create containers. I am not able to install any package on hardware node. I am using below command
apt-get install iperf
I am getting error.....
Not able to locate the package iperf
Can any one know the reason and solution ? Thanks in advance !
Thanks and Regards,
Kuldeep
