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Subject: Creating new venet for difrent gateway  
Posted by [graczu](#) on Sun, 02 Dec 2012 10:33:48 GMT  
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How to creat a second venet with diffrent gateway.

venet0 is forwarding public ips that using the same gateway as eth0. (gateway 46.29.18.65)

but now i got new ip range that have the diffrent gateway, so i think that i need to creat new "venet" that will be for those with diffrent gateway (46.29.17.129).

I search on wiki but i found only veth no venet solution.

route looking this:

Destination	Gateway	Genmask	Flags	Metric	Ref	Use	Iface
46.29.17.180	0.0.0.0	255.255.255.255	UH	0	0	0	venet0
46.29.18.122	0.0.0.0	255.255.255.255	UH	0	0	0	venet0
46.29.18.121	0.0.0.0	255.255.255.255	UH	0	0	0	venet0
46.29.18.120	0.0.0.0	255.255.255.255	UH	0	0	0	venet0
46.29.18.64	0.0.0.0	255.255.255.192	U	0	0	0	eth0
0.0.0.0	46.29.18.65	0.0.0.0	UG	0	0	0	eth0

So "46.29.17.180" is going from "46.29.18.65" gw, i need to change it to new one "46.29.17.129".

I was trying to:

```
ip rule add from 46.29.17.180 table 40
ip route add 46.29.17.180/26 dev venet0 table 40
ip route add default dev venet0 via 46.29.17.129 table 40
```

OR

```
/sbin/ip rule add from 46.29.17.180 table 42
/sbin/ip route add default dev eth0 via 46.29.17.129 table 42
/sbin/ip route add 46.29.17.180/26 dev eth0 table 42
```

but it's dont work, i got: RTNETLINK answers: No such process

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Subject: Re: Creating new venet for difrent gateway  
Posted by [graczu](#) on Tue, 04 Dec 2012 08:10:12 GMT  
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I resolve it with creating a virtual ( on node ) eth0:1 with IP and Gateway from new IP range, but this consume one of IP, so it's not good resolve.

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