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Subject: MAC address

Posted by [smrtalex](#) on Tue, 12 Jan 2016 15:31:33 GMT

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I need one of my containers to have a MAC address. I am working on Container 540

Here is the Hardware Node:

```
# ifconfig
```

```
eth0  Link encap:Ethernet HWaddr 00:25:90:DA:23:3A
      inet addr:1.2.3.4 Bcast:1.2.3.5 Mask:255.255.255.224
      inet6 addr: de51::225:90ff:feda:233a/64 Scope:Link
      UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1
      RX packets:9614782075 errors:0 dropped:0 overruns:0 frame:0
      TX packets:15521684333 errors:0 dropped:0 overruns:0 carrier:0
      collisions:0 txqueuelen:1000
      RX bytes:1186575679975 (1.0 TiB) TX bytes:19615054910384 (17.8 TiB)
      Memory:f7200000-f727ffff
```

```
eth1  Link encap:Ethernet HWaddr 00:25:90:DA:23:3B
      inet addr:10.100.0.64 Bcast:10.100.255.255 Mask:255.255.0.0
      inet6 addr: de51::225:90ff:feda:233b/64 Scope:Link
      UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1
      RX packets:246376844 errors:0 dropped:0 overruns:0 frame:0
      TX packets:7563 errors:0 dropped:0 overruns:0 carrier:0
      collisions:0 txqueuelen:1000
      RX bytes:16834002624 (15.6 GiB) TX bytes:514438 (502.3 KiB)
      Memory:f7100000-f717ffff
```

```
lo    Link encap:Local Loopback
      inet addr:127.0.0.1 Mask:255.0.0.0
      inet6 addr: ::1/128 Scope:Host
      UP LOOPBACK RUNNING MTU:65536 Metric:1
      RX packets:37321608 errors:0 dropped:0 overruns:0 frame:0
      TX packets:37321608 errors:0 dropped:0 overruns:0 carrier:0
      collisions:0 txqueuelen:0
      RX bytes:25045964193 (23.3 GiB) TX bytes:25045964193 (23.3 GiB)
```

```
venet0 Link encap:UNSPEC HWaddr 00-00-00-00-00-00-00-00-00-00-00-00-00-00-00-00
      inet6 addr: de51::1/128 Scope:Link
      UP BROADCAST POINTOPOINT RUNNING NOARP MTU:1500 Metric:1
      RX packets:15517477539 errors:0 dropped:0 overruns:0 frame:0
      TX packets:9571416771 errors:0 dropped:14649 overruns:0 carrier:0
      collisions:0 txqueuelen:0
      RX bytes:19396804805226 (17.6 TiB) TX bytes:1027541525169 (956.9 GiB)
```

```
veth540.0 Link encap:Ethernet HWaddr 00:18:51:F0:C6:F7
      inet6 addr: de51::218:51ff:fef0:c6f7/64 Scope:Link
```

```
UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1
RX packets:3 errors:0 dropped:0 overruns:0 frame:0
TX packets:1 errors:0 dropped:5 overruns:0 carrier:0
collisions:0 txqueuelen:0
RX bytes:216 (216.0 b) TX bytes:72 (72.0 b)
```

Here it the container information:

```
# ifconfig
```

```
eth0  Link encap:Ethernet HWaddr 00:18:51:F0:C6:F7
      inet6 addr: fe80::218:51ff:fe0:c6f7/64 Scope:Link
      UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1
      RX packets:1 errors:0 dropped:0 overruns:0 frame:0
      TX packets:3 errors:0 dropped:0 overruns:0 carrier:0
      collisions:0 txqueuelen:0
      RX bytes:72 (72.0 b) TX bytes:216 (216.0 b)
```

```
lo    Link encap:Local Loopback
      inet addr:127.0.0.1 Mask:255.0.0.0
      inet6 addr: ::1/128 Scope:Host
      UP LOOPBACK RUNNING MTU:65536 Metric:1
      RX packets:347 errors:0 dropped:0 overruns:0 frame:0
      TX packets:347 errors:0 dropped:0 overruns:0 carrier:0
      collisions:0 txqueuelen:0
      RX bytes:41640 (40.6 KiB) TX bytes:41640 (40.6 KiB)
```

```
venet0 Link encap:UNSPEC HWaddr 00-00-00-00-00-00-00-00-00-00-00-00-00-00-00-00
      inet addr:127.0.0.1 P-t-P:127.0.0.1 Bcast:0.0.0.0 Mask:255.255.255.255
      UP BROADCAST POINTOPOINT RUNNING NOARP MTU:1500 Metric:1
      RX packets:107255 errors:0 dropped:0 overruns:0 frame:0
      TX packets:77395 errors:0 dropped:0 overruns:0 carrier:0
      collisions:0 txqueuelen:0
      RX bytes:111956431 (106.7 MiB) TX bytes:17908418 (17.0 MiB)
```

```
venet0:0 Link encap:UNSPEC HWaddr 00-00-00-00-00-00-00-00-00-00-00-00-00-00-00-00
      inet addr:7.8.9.10 P-t-P:7.8.9.10 Bcast:7.8.9.10 Mask:255.255.255.255
      UP BROADCAST POINTOPOINT RUNNING NOARP MTU:1500 Metric:1
```

```
venet0:1 Link encap:UNSPEC HWaddr 00-00-00-00-00-00-00-00-00-00-00-00-00-00-00-00
      inet addr:7.8.9.11 P-t-P:7.8.9.11 Bcast:7.8.9.11 Mask:255.255.255.255
      UP BROADCAST POINTOPOINT RUNNING NOARP MTU:1500 Metric:1
```

```
venet0:2 Link encap:UNSPEC HWaddr 00-00-00-00-00-00-00-00-00-00-00-00-00-00-00-00
      inet addr:7.8.9.12 P-t-P:7.8.9.12 Bcast:7.8.9.12 Mask:255.255.255.255
      UP BROADCAST POINTOPOINT RUNNING NOARP MTU:1500 Metric:1
```

```
venet0:3 Link encap:UNSPEC HWaddr 00-00-00-00-00-00-00-00-00-00-00-00-00-00-00-00
      inet addr:7.8.9.13 P-t-P:7.8.9.13 Bcast:7.8.9.13 Mask:255.255.255.255
```

UP BROADCAST POINTOPOINT RUNNING NOARP MTU:1500 Metric:1

venet0:4 Link encap:UNSPEC HWaddr 00-00-00-00-00-00-00-00-00-00-00-00-00-00-00-00  
inet addr:7.8.9.14 P-t-P:7.8.9.14 Bcast:7.8.9.14 Mask:255.255.255.255  
UP BROADCAST POINTOPOINT RUNNING NOARP MTU:1500 Metric:1

However, when the encoded script runs, it is only seeing the venet MAC address.

How can I get the venet to show a MAC address?

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Subject: Re: MAC address  
Posted by [curx](#) on Wed, 13 Jan 2016 09:17:26 GMT  
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a venet device has no arp support and so no mac address.  
you can configure your eth0 manually - it seems it's you veth for this container but it has same mac on hardware node and in the container?

please post the veth settings:

```
# grep NETIF /etc/vz/conf/540.conf
```

the mac on hostnode and ct should be different

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