Subject: RHEL 7.1 VPS - initscripts upgrade causes networking failures
Posted by jochum on Mon, 16 Mar 2015 23:56:43 GMT
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Hi All:

In upgrading my RHEL container from 7.0 to 7.1 container today, I found that upgrading initscripts (from initscripts-9.49.17-1.el7_0.1.x86_64 to initscripts-9.49.24-1.el7.x86_64) causes networking to fail after a reboot. Before the reboot:

```
**********************************************************
[root@lss-vps141 ~]# ifconfig -a
lo: flags=73<UP,LOOPBACK,RUNNING>  mtu 65536
        inet 127.0.0.1  netmask 255.0.0.0
        inet6 ::1  prefixlen 128  scopeid 0x10<host>
        loop  txqueuelen 0  (Local Loopback)
        RX packets 4  bytes 304 (304.0 B)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 4  bytes 304 (304.0 B)
        TX errors 0  dropped 0 overruns 0  carrier 0  collisions 0

venet0: flags=211<UP,BROADCAST,POINTOPOINT,RUNNING,NOARP>  mtu 1500
        inet 127.0.0.1  netmask 255.255.255.255  broadcast 0.0.0.0  destination 127.0.0.1
        unspec 00-00-00-00-00-00-00-00-00-00-00-00-00-00-00-00  txqueuelen 0  (UNSPEC)
        RX packets 306  bytes 453581 (442.9 KiB)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 152  bytes 8093 (7.9 KiB)
        TX errors 0  dropped 0 overruns 0  carrier 0  collisions 0

venet0:0: flags=211<UP,BROADCAST,POINTOPOINT,RUNNING,NOARP>  mtu 1500
        inet 135.1.58.141  netmask 255.255.255.255  broadcast 135.1.58.141  destination
135.1.58.141
        unspec 00-00-00-00-00-00-00-00-00-00-00-00-00-00-00-00  txqueuelen 0  (UNSPEC)

[root@lss-vps141 ~]# systemctl status -l network.service
network.service - LSB: Bring up/down networking
   Loaded: loaded (/etc/rc.d/init.d/network)
   Active: active (exited) since Mon 2015-03-16 19:49:58 EDT; 1min 29s ago
  Process: 1031 ExecStop=/etc/rc.d/init.d/network stop (code=exited, status=0/SUCCESS)
  Process: 1185 ExecStart=/etc/rc.d/init.d/network start (code=exited, status=0/SUCCESS)

Mar 16 19:49:58 lss-vps141 systemd[1]: Starting LSB: Bring up/down networking...
Mar 16 19:49:58 lss-vps141 network[1185]: Bringing up loopback interface:  [  OK  ]
Mar 16 19:49:58 lss-vps141 network[1185]: Bringing up interface venet0:  arping: Device venet0
not available.
Mar 16 19:49:58 lss-vps141 network[1185]: [  OK  ]
Mar 16 19:49:58 lss-vps141 systemd[1]: Started LSB: Bring up/down networking.
```

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After the upgrade and reboot, the same command no longer shows the venet0:0 entry, and error messages in the systemctl status output:

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```
[root@lss-vps141 ~]# ifconfig -a
lo: flags=73<UP,LOOPBACK,RUNNING>  mtu 65536
        inet 127.0.0.1  netmask 255.0.0.0
        inet6 ::1  prefixlen 128  scopeid 0x10<host>
        loop  txqueuelen 0  (Local Loopback)
        RX packets 4  bytes 304 (304.0 B)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 4  bytes 304 (304.0 B)
        TX errors 0  dropped 0 overruns 0  carrier 0  collisions 0

venet0: flags=211<UP,BROADCAST,POINTOPOINT,RUNNING,NOARP>  mtu 1500
        inet 127.0.0.1  netmask 255.255.255.255  broadcast 0.0.0.0  destination 127.0.0.1
        unspec 00-00-00-00-00-00-00-00-00-00-00-00-00-00-00-00  txqueuelen 0  (UNSPEC)
        RX packets 612  bytes 907174 (885.9 KiB)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 300  bytes 16279 (15.8 KiB)
        TX errors 0  dropped 0 overruns 0  carrier 0  collisions 0

[root@lss-vps141 ~]# systemctl status -l network.service
network.service - LSB: Bring up/down networking
   Loaded: loaded (/etc/rc.d/init.d/network)
   Active: active (exited) since Mon 2015-03-16 19:52:42 EDT; 9s ago
  Process: 1484 ExecStop=/etc/rc.d/init.d/network stop (code=exited, status=0/SUCCESS)
  Process: 1639 ExecStart=/etc/rc.d/init.d/network start (code=exited, status=0/SUCCESS)

Mar 16 19:52:42 lss-vps141 network[1639]: Bringing up loopback interface:  [  OK  ]
Mar 16 19:52:42 lss-vps141 network[1639]: Bringing up interface venet0:  arping: Device venet0
not available.
Mar 16 19:52:42 lss-vps141 network[1639]: Determining if ip address 135.1.58.141 is already in
use for device venet0...
Mar 16 19:52:42 lss-vps141 network[1639]: arping: Device venet0 not available.
Mar 16 19:52:42 lss-vps141 network[1639]: ERROR    :
[/etc/sysconfig/network-scripts/ifup-aliases] Error, some other host already uses address
135.1.58.141.
Mar 16 19:52:42 lss-vps141 network[1639]: [  OK  ]
Mar 16 19:52:42 lss-vps141 systemd[1]: Started LSB: Bring up/down networking.
[root@lss-vps141 ~]#
```

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Does anyone know how to fix (or get around) this?

thanks,

Paul