
Subject: Reconfiguring network from scratch
Posted by [azilber](#) on Tue, 25 Apr 2017 22:37:50 GMT
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Hi All,

I need to reconfigure the network from scratch, and I'm not sure about a few things:

1. Do physical adapters need to be named a specific name? Should they be enpXsX or ethX or enoX? Does it matter?
 2. Bridging with bonded interfaces. Should bonded interfaces be named the standard bondX?
 3. Virtual interfaces: venet0, virbr0, and virbr0-nic all must exist?
 4. Are all configs done via the ifcfg-* scripts or are there prctl methods for it?
-

Subject: Re: Reconfiguring network from scratch
Posted by [mangust](#) on Sun, 03 Sep 2017 02:29:23 GMT
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ifcfg- files works for me. don't forget to kill NetworkManager and ModemManager: yum erase NetworkManager work perfect for me. What &^&87(*^ is that on server OS :(

I did em1 and em2 ... into bond:

```
cat <<EOT > /etc/sysconfig/network-scripts/ifcfg-em1
DEVICE=em1
ONBOOT=yes
IPV6INIT=no
MASTER=bond0
SLAVE=yes
EOT
cat <<EOT > /etc/sysconfig/network-scripts/ifcfg-em2
DEVICE=em2
ONBOOT=yes
IPV6INIT=no
MASTER=bond0
SLAVE=yes
EOT
cat <<EOT > /etc/sysconfig/network-scripts/ifcfg-em3
DEVICE=em3
ONBOOT=yes
IPV6INIT=no
MASTER=bond0
SLAVE=yes
EOT
cat <<EOT > /etc/sysconfig/network-scripts/ifcfg-em4
DEVICE=em4
ONBOOT=yes
```

```
IPV6INIT=no  
MASTER=bond0  
SLAVE=yes  
EOT
```

```
cat <<EOT > /etc/sysconfig/network-scripts/ifcfg-bond0  
DEVICE=bond0  
ONBOOT=YES  
BONDING_OPTS="miimon=100 mode=1"  
IPV6INIT=no  
EOT
```

Installer with Manager will try to put all your interfaces into bridges. Make sure to go and remove them from there :) Spend 30minutes figuring out why IP on the bond0 was not working, till figure out it was in a bridge :)