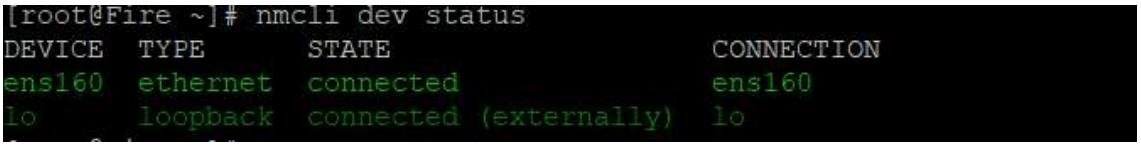
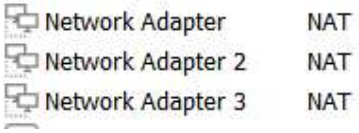
First install required packages
=> Yum install teamd

Then check,



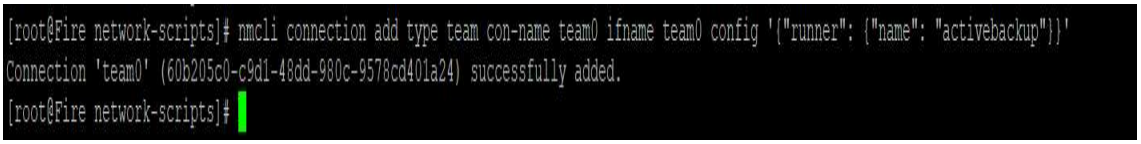
Check,

Then add 2 nic cards in the system,



Then add nic type,

=> nmcli connection add type team con-name team0 ifname team0 config '{"runner": {"name": "activebackup"}}'



Then check if it gets added or not,

```
[root@Fire network-scripts]# nmcli con show
NAME                UUID                                  TYPE      DEVICE
ens160              3ac7903e-db04-4002-94eb-93b86de2ec00  ethernet  ens160
Wired connection 1  ed43d819-783d-35be-a050-d3e99bc5548e  ethernet  ens256
Wired connection 2  ec9d564b-5a8c-38c0-8f07-360611031c86  ethernet  ens224
team0               60b205c0-c9d1-48dd-980c-9578cd401a24  team      team0
lo                  4019fdb7-92eb-4ec0-b5a7-f6996b9aad40  loopback  lo
[root@Fire network-scripts]# ll
```

Then give the added nic a static ip address,

=> nmcli connection modify team0 ipv4.address 192.168.18.200/24 ipv4.dns 8.8.8.8 connection.autoconnect yes ipv4.method manual

```
[root@Fire network-scripts]# nmcli connection modify team0 ipv4.address 192.168.18.200/24 ipv4.dns 8.8.8.8 connection.autoconnect yes ipv4.method manual
```

Then add the nic in the team,

=> nmcli con add type team-slave con-name team0-port1 ifname ens224 master team0

```
[root@Fire network-scripts]# nmcli con add type team-slave con-name team0-port1 ifname ens224 master team0
Connection 'team0-port1' (7036677b-1d23-44c1-a1c2-bc5574bfc5ae) successfully added.
[root@Fire network-scripts]#
```

Then add another nic in the team,

=> nmcli con add type team-slave con-name team0-port2 ifname ens256 master team0

```
[root@Fire network-scripts]# nmcli con add type team-slave con-name team0-port2 ifname ens256 master team0
Connection 'team0-port2' (0c9ea7e4-39ba-48c2-882f-6712128d90c0) successfully added.
```

Can be used for troubleshooting

[Then check the dev status,

```
[root@Fire network-scripts]# nmcli dev status
DEVICE  TYPE      STATE                                  CONNECTION
ens160  ethernet  connected                              ens160
ens224  ethernet  connected                              Wired connection 2
ens256  ethernet  connected                              Wired connection 1
team0   team      connecting (getting IP configuration)  team0
lo      loopback  connected (externally)                 lo
```

```
[root@Fire network-scripts]# nmcli connection down team0
Connection 'team0' successfully deactivated (D-Bus active path: /org/freedesktop/NetworkManager/ActiveConnection/6)
[root@Fire network-scripts]#
```

```
[root@Fire network-scripts]# nmcli connection up team0
Connection successfully activated (controller waiting for ports) (D-Bus active path: /org/freedesktop/NetworkManager/ActiveConnection/7)
[root@Fire network-scripts]#
```

```
[root@Fire network-scripts]# nmcli dev status
DEVICE  TYPE      STATE                  CONNECTION
ens160  ethernet  connected              ens160
ens224  ethernet  connected              Wired connection 2
ens256  ethernet  connected              Wired connection 1
team0   team      connected              team0
lo      loopback  connected (externally)  lo
```

]

Then reload the connection,

```
[root@Fire network-scripts]# nmcli connection reload
[root@Fire network-scripts]#
```

Then make all the connections up,

```
[root@Fire network-scripts]# nmcli connection up team0
Connection successfully activated (controller waiting for ports) (D-Bus active path: /org/freedesktop/NetworkManager/ActiveConnection/8)
[root@Fire network-scripts]#
[root@Fire network-scripts]# nmcli connection up team0-port1
Connection successfully activated (D-Bus active path: /org/freedesktop/NetworkManager/ActiveConnection/9)
[root@Fire network-scripts]#
[root@Fire network-scripts]# nmcli connection up team0-port2
Connection successfully activated (D-Bus active path: /org/freedesktop/NetworkManager/ActiveConnection/10)
[root@Fire network-scripts]#
```

Then check the status,=> teamdctl team0 state

```
[root@Fire network-scripts]# teamdctl team0 state
setup:
  runner: activebackup
ports:
  ens224
    link watches:
      link summary: up
      instance[link_watch_0]:
        name: ethtool
        link: up
        down count: 0
  ens256
    link watches:
      link summary: up
      instance[link_watch_0]:
        name: ethtool
        link: up
        down count: 0
runner:
  active port: ens224
```

And it is accessible through windows cmd

We stopped team0-port1 and we are checking if it is accessible through team-port2

```
[root@Fire network-scripts]# nmcli connection down team0-port1
Connection 'team0-port1' successfully deactivated (D-Bus active path: /org/freedesktop/NetworkManager/ActiveConnection/9)
[root@Fire network-scripts]#
[root@Fire network-scripts]# teamdctl team0 state
setup:
  runner: activebackup
ports:
  ens256
    link watches:
      link summary: up
      instance[link_watch_0]:
        name: ethtool
        link: up
        down count: 0
runner:
  active port: ens256
```

And now it is accessible through windows cmd after some delay

After this we turned down the nic team-port2 and then checked with team0-port1 nic if it pinging or not after some delay it is pinging.

```
[root@Fire network-scripts]# nmcli connection up team0-port1
Connection successfully activated (D-Bus active path: /org/freedesktop/NetworkManager/ActiveConnection/12)
[root@Fire network-scripts]# teamdctl team0 state
setup:
  runner: activebackup
ports:
  ens224
    link watches:
      link summary: up
      instance[link_watch_0]:
        name: ethtool
        link: up
        down count: 0
  ens256
    link watches:
      link summary: up
      instance[link_watch_0]:
        name: ethtool
        link: up
        down count: 0
runner:
  active port: ens256
[root@Fire network-scripts]# nmcli connection down team0-port2
Connection 'team0-port2' successfully deactivated (D-Bus active path: /org/freedesktop/NetworkManager/ActiveConnection/10)
[root@Fire network-scripts]# teamdctl team0 state
setup:
  runner: activebackup
ports:
  ens224
    link watches:
      link summary: up
      instance[link_watch_0]:
        name: ethtool
        link: up
        down count: 0
runner:
  active port: ens224
[root@Fire network-scripts]#
```

If you want internet connection through the added nic (team0) then,

```
[root@Fire ~]# nmcli dev status
DEVICE  TYPE      STATE                   CONNECTION
team0   team      connected               team0
ens224  ethernet  connected               team0-port1
ens256  ethernet  connected               team0-port2
lo      loopback  connected (externally)  lo
ens160  ethernet  disconnected            --
[root@Fire ~]#
```

If the dns is pinging the do this,

```
781  ip route show
782  nmcli con mod team0 ipv4.gateway 192.168.18.2
783  nmcli con mod team0 ipv4.method manual
784  nmcli con mod team0 ipv4.address 192.168.18.200/24
785  nmcli con up team0
786  ip route status
787  ip route show
788  ip r
789  ip a
790  ping 8.8.8.8
```