

# nmcli 网络配置

RHEL8 使用 networkscripts 配置 NetworkManager 使用 nmcli 配置网络，NetworkManager 使用 nmcli 配置网络 ....

1. 使用 nmcli 配置 NetworkManager 使用 nmcli

```
$> nmcli connection load /etc/sysconfig/network-scripts/ifcfg-eth0
$> nmcli connection up eth0
```

2. 使用 nmcli 配置 up/down 配置

```
$> nmcli connection up eth0 #nic eth0
$> nmcli connection down eth0 #nic eth0
```

3. 使用 nmcli 配置设备状态

```
$> nmcli device status
```

DEVICE	TYPE	STATE	CONNECTION
eth0	ethernet	up	eth0
eth1	ethernet	up	eth1
lo	loopback	up	--

4. 使用 nmcli 配置 bond0 配置 IP 地址 8.8.8.8, 219.250.36.130 配置 DNS

```
$> nmcli connection modify eth0 ipv4.dns "8.8.8.8,219.250.36.130"
$> nmcli connection up eth0
$> cat /etc/resolv.conf
# Generated by NetworkManager
nameserver 8.8.8.8
nameserver 219.250.36.130
```

5. 使用 nmcli 配置 (active-backup 配置 配置 )

```
#bond NIC eth0 eth1 eth2 eth3 eth4
```

```
$> nmcli connection add type bond con-name bond0 ifname bond0 bond.options
"mode=1,miimon=100"
$> nmcli connection mod bond0 ipv4.addresses 192.168.10.100/24
$> nmcli connection mod bond0 ipv4.gateway 192.168.10.1
$> nmcli connection mod bond0 ipv4.method manual
$> nmcli connection mod bond0 ipv6.method disabled
```

#eth0 eth1 NIC

```
$> nmcli connection add type ethernet con-name eth0 ifname eth0 master bond0
$> nmcli connection add type ethernet con-name eth1 ifname eth1 master bond0
```

# NIC

```
$> nmcli connection up bond0
```

6.

```
$> nmcli connection mod bond0 +bond.options "mode=0,miimon=100"
$> nmcli connection up bond0
```

## reference

- [https://access.redhat.com/documentation/en-us/red\\_hat\\_enterprise\\_linux/7/html/networking\\_guide/sec-network\\_bonding\\_using\\_the\\_networkmanager\\_command\\_line\\_tool\\_nmcli//](https://access.redhat.com/documentation/en-us/red_hat_enterprise_linux/7/html/networking_guide/sec-network_bonding_using_the_networkmanager_command_line_tool_nmcli//)
- <https://fendys.tistory.com/28//>

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