nmcli (NetworkManager CLI)

Quick Commands

View current connections:

```
nmcli connection show
```

View device information from all devices:

```
nmcli device show
```

Add new interface with static IP

First get the name of the interface:

```
ip a
```

Then add a new connection:

```
nmcli connection add con-name <name-of-connection> ifname <interface-name>
type ethernet
```

This *can* then look like this: `nmcli connection add con-name Connection2 ifname ens19 type ethernet`

Enable auto connection:

```
nmcli connection modify <name-of-connection> connection.autoconnect yes
```

Set IP:

```
nmcli connection modify <name-of-connection> ipv4.addresses <ip-with-
netmask>
```

This *can* then look like this: `nmcli connection modify Connection1 ipv4.addresses 192.168.0.2/24`

Set method to static:

```
nmcli connection modify <name-of-connection> ipv4.method static
```

Set default gateway:

```
nmcli connection modify <name-of-connection> ipv4.gateway 192.168.0.1
```

Set DNS server:

```
nmcli connection modify <name-of-connection> ipv4.dns "192.168.0.1"
```

Then verify everything was saved correctly:

```
nmcli device show
```

If everything is correct, start the new connection:

```
nmcli connection up <name-of-connection>
```

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