

APi WiFi Setup / Config

I won't tell you about GUIs since there are too many of them. All distributions we intend to support so far use NetworkManager.

Here's a quick NetworkManager WiFi command reference:

Connect to an existing access point:

```
# nmcli device wifi connect YourSSIDHere password YourPasswordHere
```

This actually creates a connection named after your SSID (or a similar one if there are several ones).

Configure to automatically re-connect to AP on boot:

```
# nmcli connection modify YourSSIDHere connection.autoconnect true
```

Temporarily disconnect:

```
# nmcli connection down YourSSIDHere
```

Connect again:

```
# nmcli connection up YourSSIDHere
```

Create an access point:

```
# nmcli device wifi hotspot ssid YourSSIDHere password YourPasswordHere
```

This actually creates a connection named Hotspot (or Hotspot-N if there are several ones).

Configure to automatically re-create AP on boot:

```
# nmcli connection modify Hotspot connection.autoconnect true
```

(Attempt to) disable WPS (doesn't seem to work, WPS shows up as enabled anyway):

```
# nmcli connection modify Hotspot wifi-sec.wps-method 1
```

Set AP to channel 6 of the 2.4GHz band:

```
# nmcli connection modify Hotspot wifi.band bg wifi.channel 6
```

Temporarily stop the AP:

```
# nmcli connection down Hotspot
```

Start the AP again:

```
# nmcli connection up Hotspot
```

Delete the AP once you're done with it:

```
# nmcli connection delete Hotspot
```