

Configuring Wireless Adapters

LPIC-2: Linux Engineer (201-450)

Objectives:

At the end of this episode, I will be able to:

1. Identify wireless network adapters in Linux.
2. Configure a wireless adapter to connect to a wireless network.

Additional resources used during the episode can be obtained using the download link on the overview episode.

-
- Wireless Network Adapters
 - Configured similar to wired
 - Required connection information to connect
 - SSID
 - WPA Supplicant
 - Once connected, the remaining configuration is the same
 - Identifying your WiFi Adapter
 - Get WiFi Adapter name and stats
 - `sudo ip addr`
 - `sudo nmcli connection show`
 - `sudo nmcli device status`
 - Find the WiFi network
 - `sudo nmcli dev wifi list`
 - Connecting to a WiFi Network
 - Create the connection
 - `sudo nmcli con add con-name wlx0 ifname wlx0 type wifi ssid ITProTV-Guest`
 - Setup the WPA2 Password
 - `sudo nmcli con modify wlx0 wifi-sec.key-mgmt wpa-psk`
 - `sudo nmcli con modify wlx0 wifi-sec.psk <password>`
 - Enable the connection
 - `sudo nmcli con up wlx0`