

Layout

recipes-bsp

- ***rpi-config append***
 - add config option for the Miuzei touchscreen

recipes-connectivity

- ***dhcpcd append***
 - add static ip for Raspberry Pi Zero access point
- ***hostapd append***
 - add config to set the Raspberry Pi Zero as a access point
 - configure hostapd to run on start up
- ***libpcap append***
 - build with libnl support for Deauther attack
 - libnl is required for creating the monitoring interface
- ***networkmanager append***
 - add config for networkmanager to handle network interfaces by default
 - This ensures networkmanager can scan for access points in the War Driving attack

recipes-core

- ***psplash append***
 - display geek tech logo on boot
- ***systemd append***
 - build systemd with networkd and resolved
 - allow systemd to handle dns queries by default

recipes-kf5

- ***extra-cmake-modules***
 - the full kde framework does not support qt6

- the cybersecurity lesson uses NetworkManagerQt, which requires extra-cmake-modules
- edit kf5 recipes to allow qt6

recipes-qt

- ***qtbase append***
 - add build options to enable eglfs and touch support
 - eglfs is responsible for displaying the app on boot
- ***qt-cybersecurity_lesson***
 - build the cybersecurity lesson for the PenPi
 - configure the lesson to launch on boot

recipes-support

- ***dnsmasq append***
 - allocate ip range for Raspberry Pi Zero access point.