Analyzing Physical Layer Information in 802.11 Packets

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Setting up

We use the `tshark` command line tool provided by `wireshark-cli` to capture packets. The `-I` flag sets the interface to monitor mode. The `-T` flag translates the data to `json` format. The `-V` flag causes the packet information to be printed in `stdout`. We redirect the information from `stdout` to the file `test.json` for post processing.

```
sudo tshark -V -I -T json > sample.json
```

```
jq --raw-output '.[] | select(."_source"."layers"."wlan_radio" | type == "object") | select(
```