

# Zephyr Networking Status

## May 2018

# The Grand Plan

## Tracking issue 7591

1. BSD socket as main Zephyr net API
2. All protocols ported to new socket API
3. Optimized networking buffers

# Status: Sockets

- `socket.c`: Done -> 1.12
- TLS support(`setsockopt`): WIP, [Issue 7118](#) -> 1.13

# Status: Protocols

Work (was) blocked by TLS API.

## NEED VOLUNTEERS

- HTTP: (big) Not done, Issue 7585
- MQTT: (wip) Not done, PR 5854
- LWM2M: (big) Not done, Issue 7586
- DNS: (small) Not done, Issue 7687
- CoAP: (med) Not done, Issue 7584
- SNTP: (small) Not done, Issue 7588
- Websocket: (small) Not done, Issue 7589

# Status: Buffers

- new net\_buf: Done, PR 6113 -> 1.12
- core buffers update: WIP, Issue 7578 -> 1.13
- LAST BIT: Update sockets implementation to use new buffers, Issue 7590

# Timeline

1.12 -> sockets.h, net\_buf basis

1.13 -> TLS support, core buffer update, (some of) protocols ported and deprecated, deprecating net\_app

1.14 -> all protocols ported and old ones deprecated

1.15/16 -> removing net\_app and the rest of stuff