# Teltonika RUT240 Router

## Smappee article code: AC-SP-LU2

# Configuration Procedure

Version 1.0
December 2020

# Topics

- Introduction
- Physical installation
- Initial setup procedure & APN-settings
- Check operation
- Connection to Smappee Gateway (Genius, Connect)

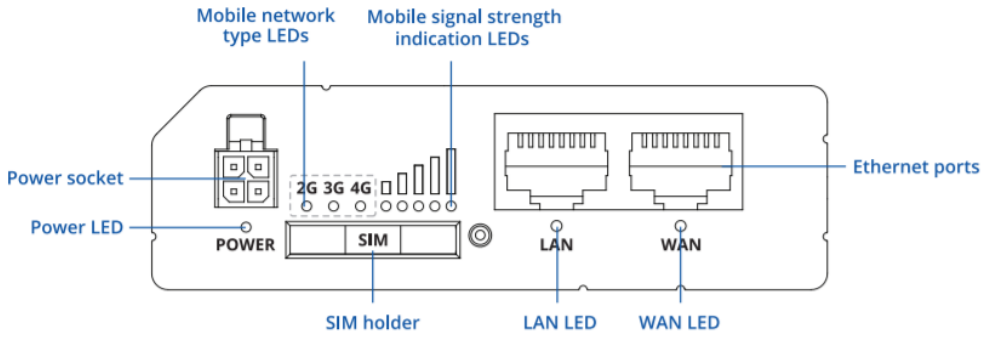
# Introduction

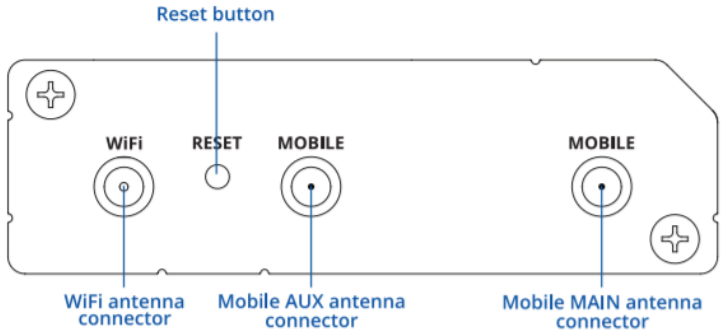
- This procedure explains the configuration to setup a new out-of-the box Teltonika RUT240 router to be used for Smappee Installations, in case a 4G network connection is required to provide internet to Smappee Infinity.
- The procedure takes into account that an ethernet connection is made between the Smappee Gateway (Genius or Connect) and the router.
- The installation procedure of the Smappee Infinity is the same as if a standard ethernet connection is used.

Smappee Article code: **AC-SP-LU2** (includes router, antenna, DIN-rail clip, ethernet cable and power adapter)

# Physical installation

1. Mount the supplied DIN-clip to the router (if required)
2. Insert the SIMcard and power-on the router
3. Connect a mobile antenna to the MAIN Mobile connector
4. Connect the power adapter to the router

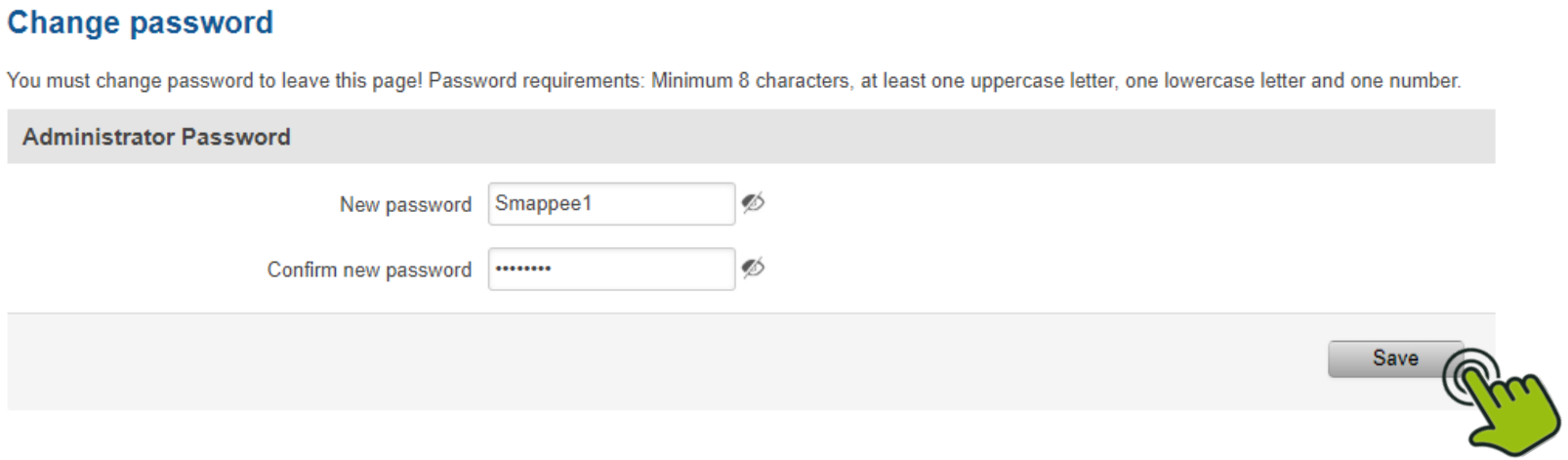


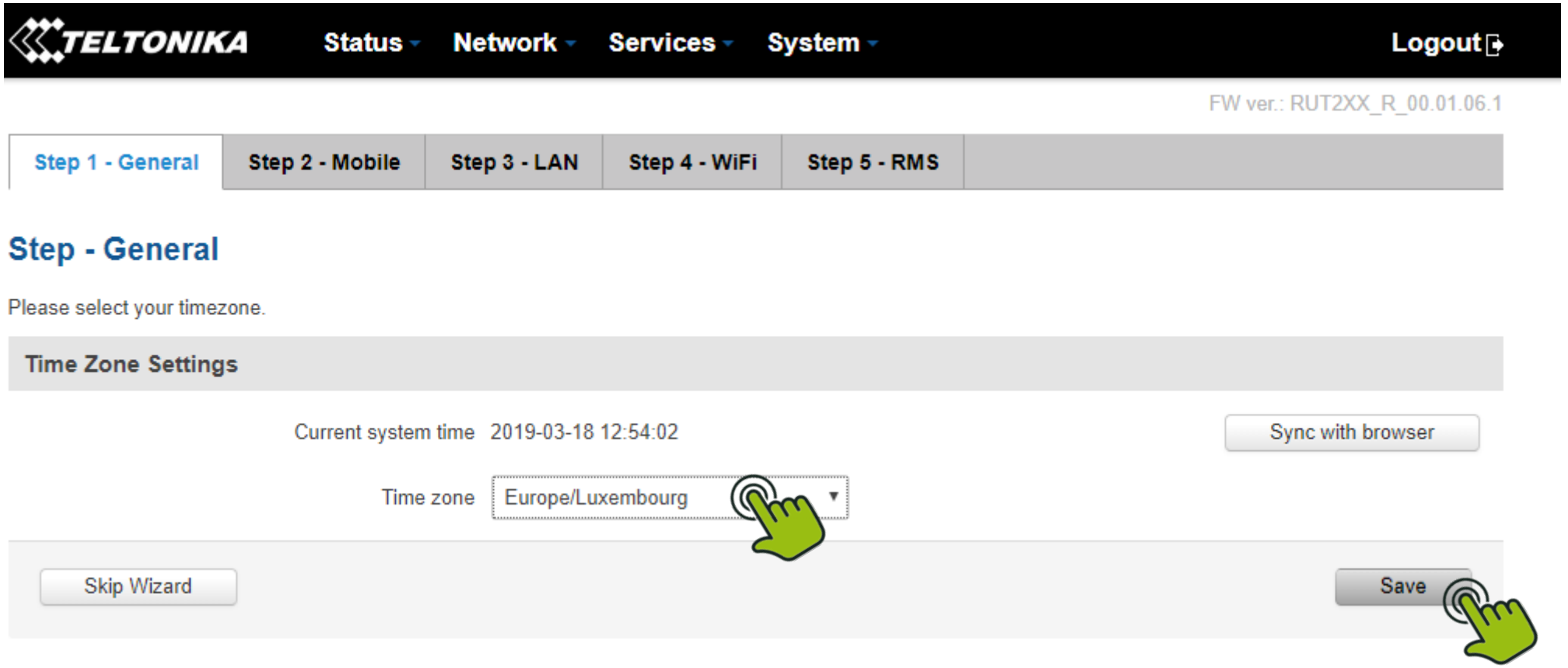

For more information, please check the Quick start or Installation manual of Teltonika (RUT240)

# Initial setup procedure

1. Plug a LAN-cable between laptop and LAN-port of router (Set laptop on Airplane mode)
2. Check if a valid ethernet network is found by your laptop and surf to http://192.168.1.1 in your web browser.
3. First login using default password: see flyer in box => **admin01**
4. Change password & Save:



# Initial setup procedure - Follow wizard



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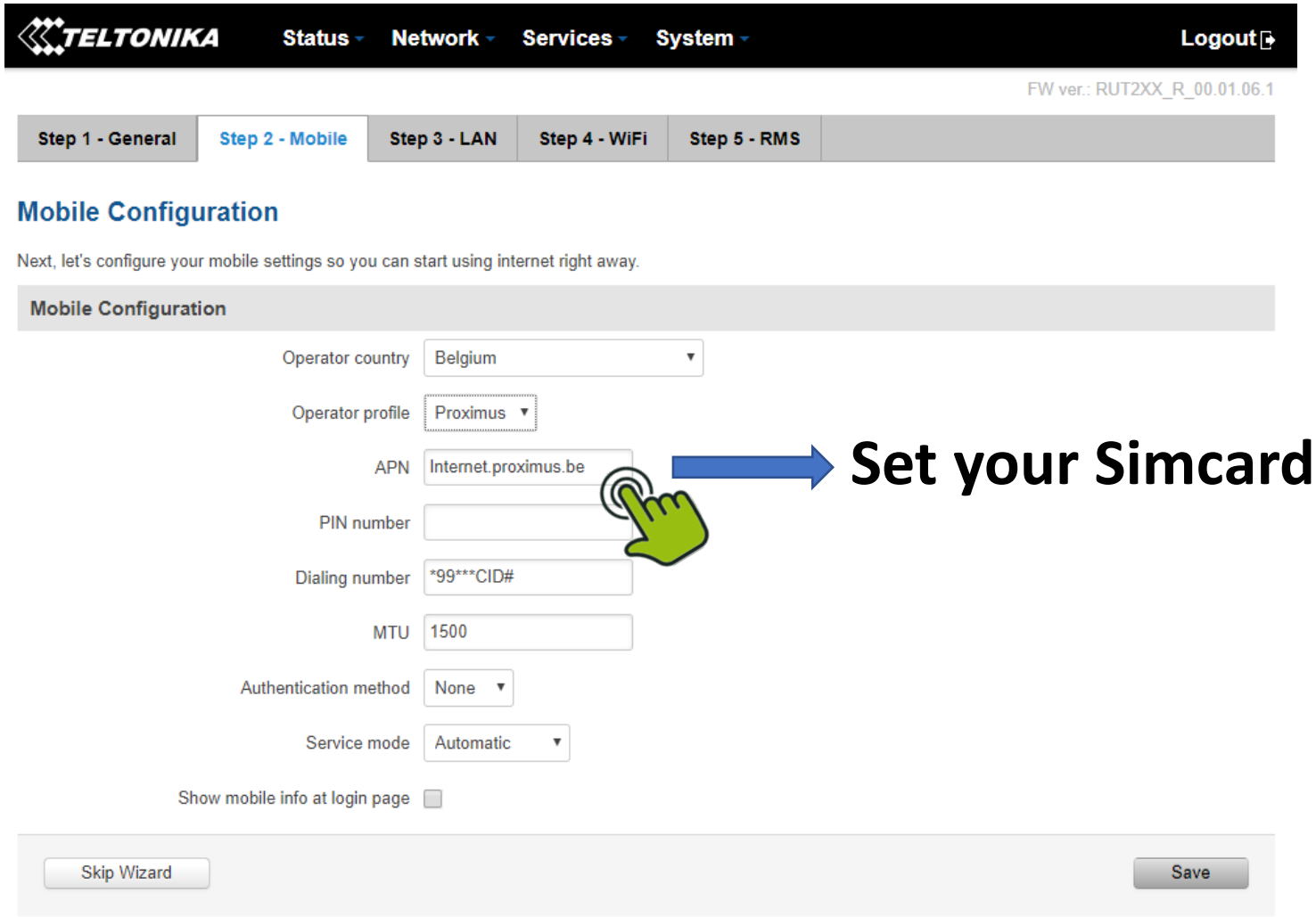
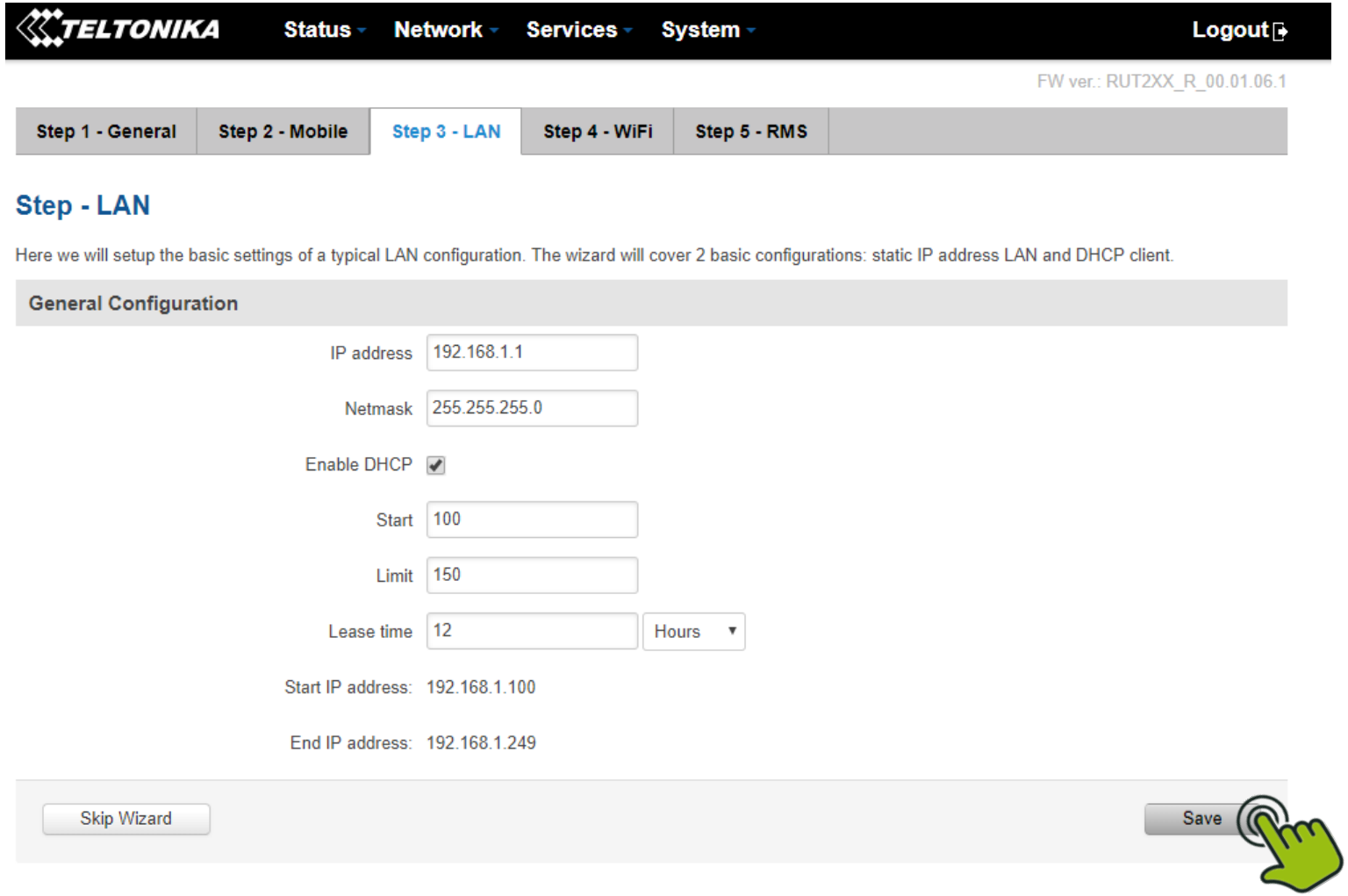



**Set your Simcard APN**

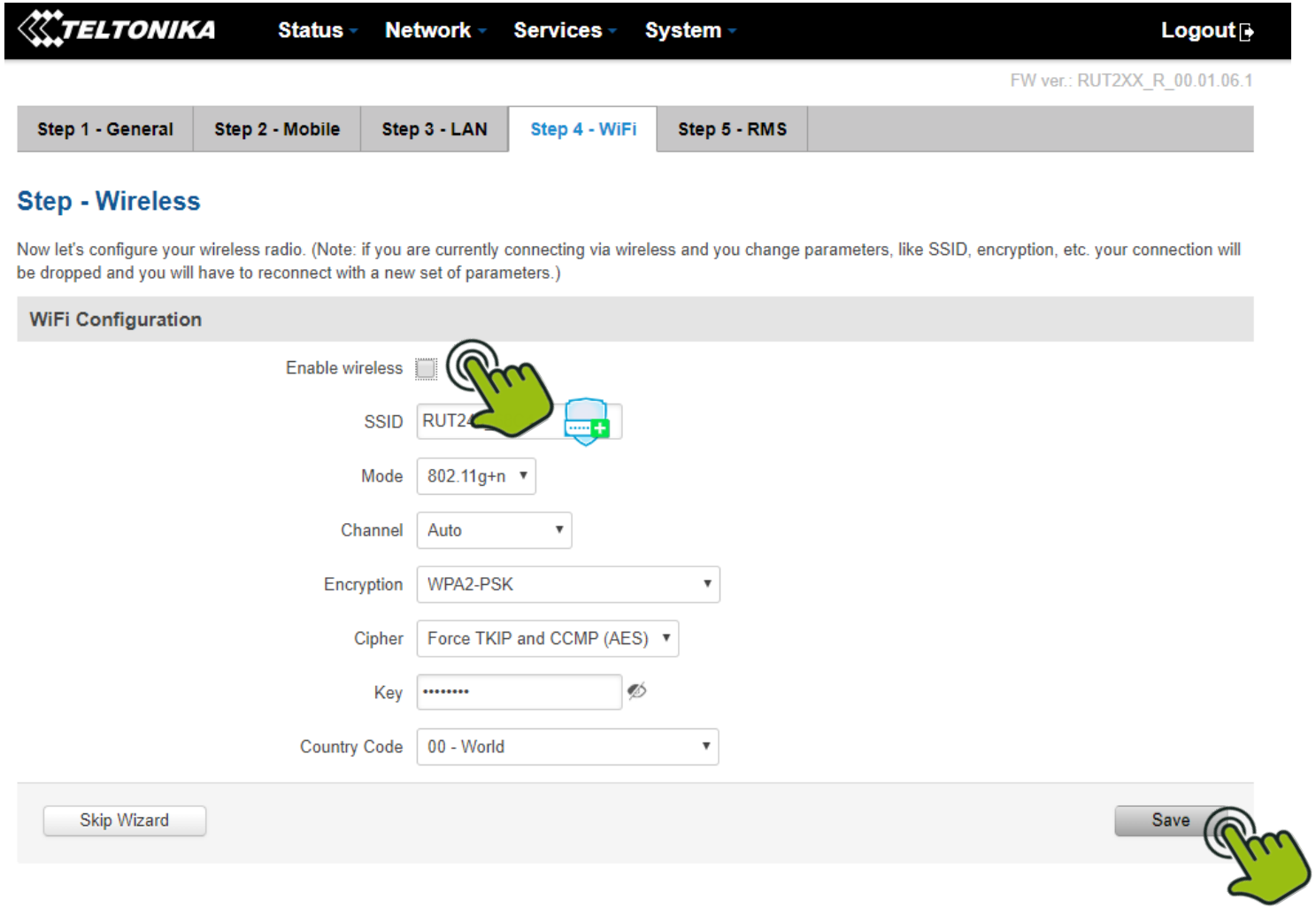
# Initial setup procedure - Follow wizard

- No changes:



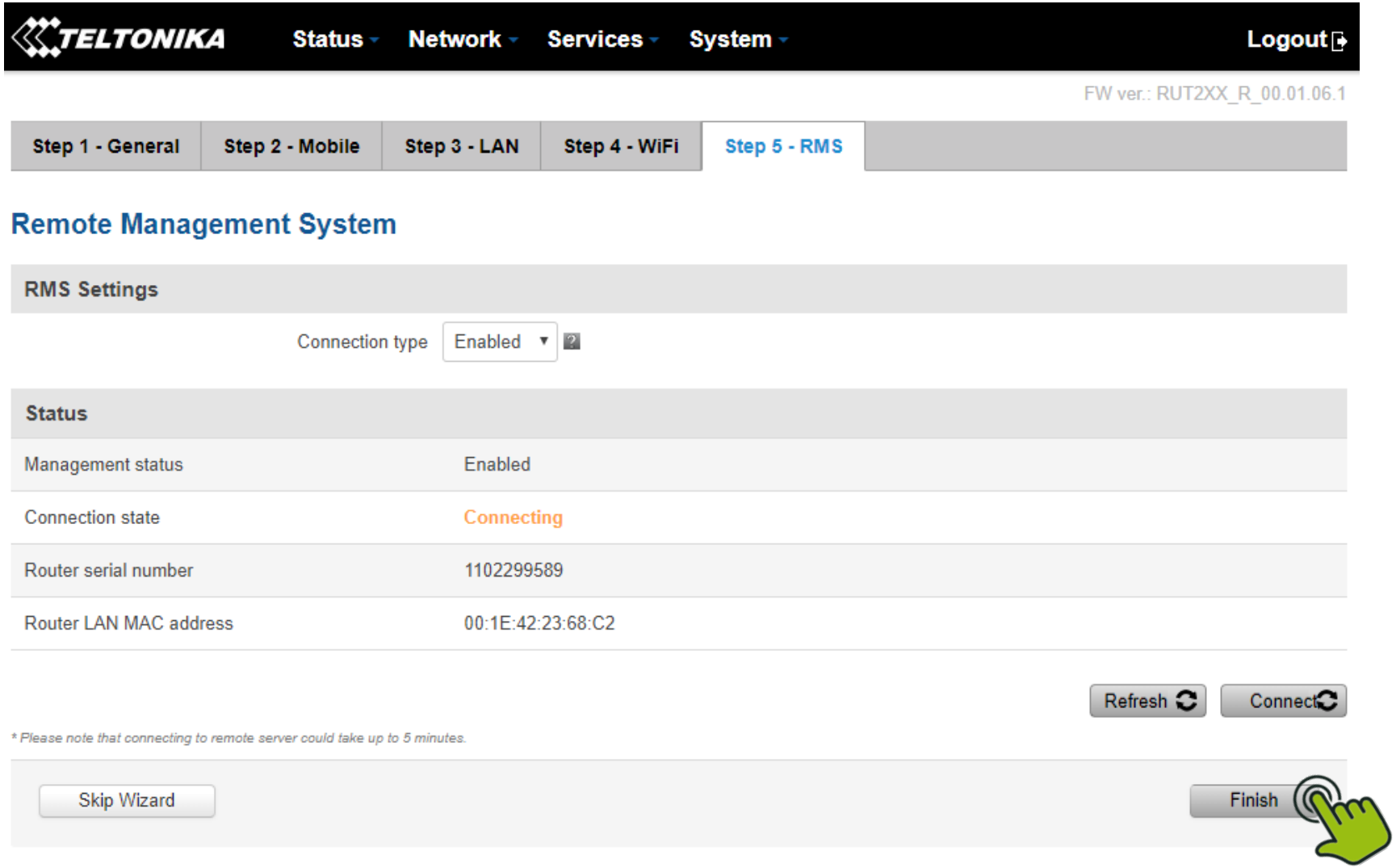
# Initial setup procedure - Follow wizard

- Deselect wireless:



# Initial setup procedure - Follow wizard

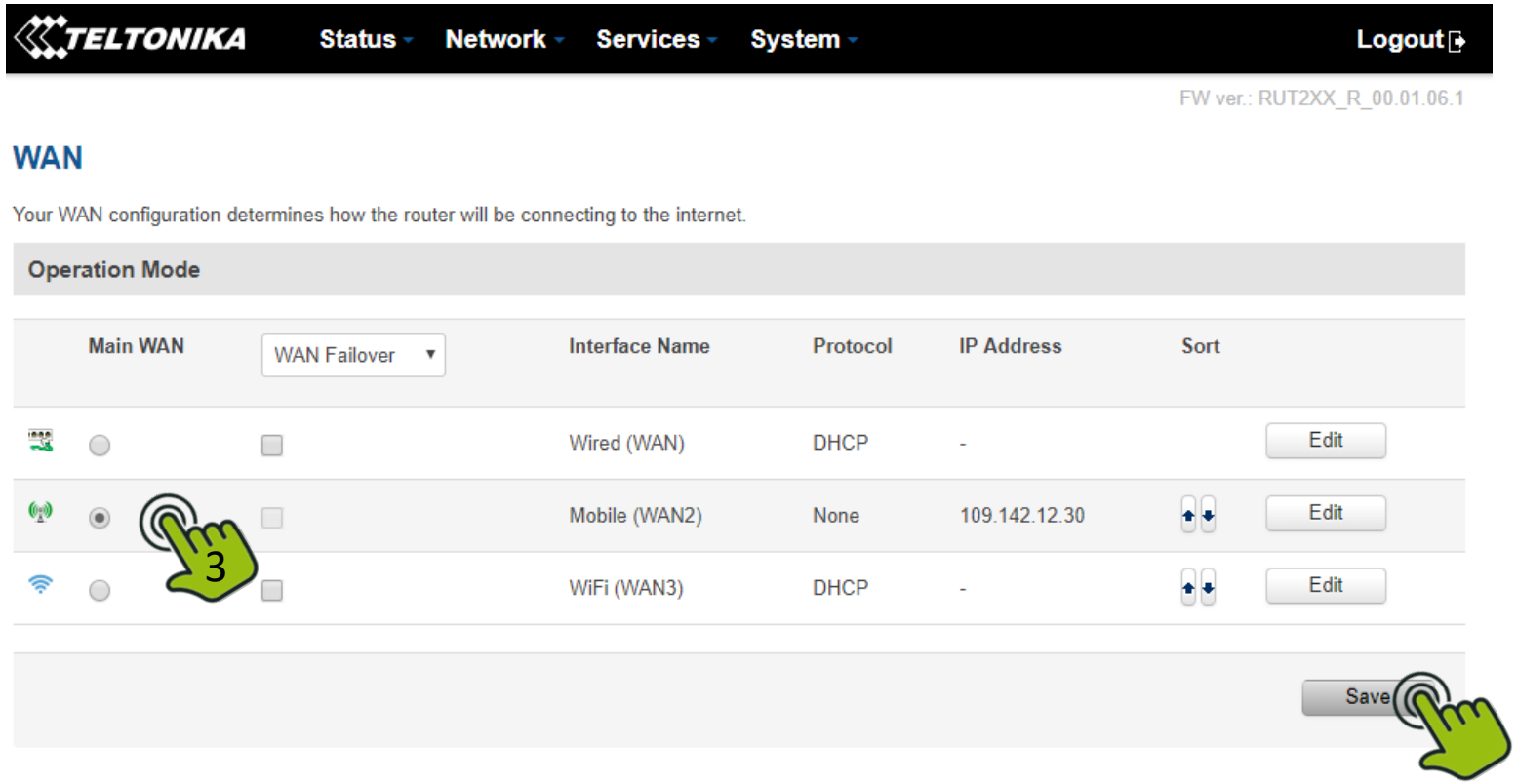
- No changes:



# Custom Changes

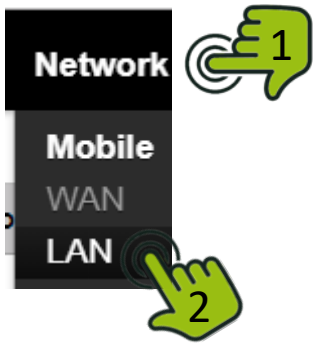
1. Go to WAN:

2. Select & Save:

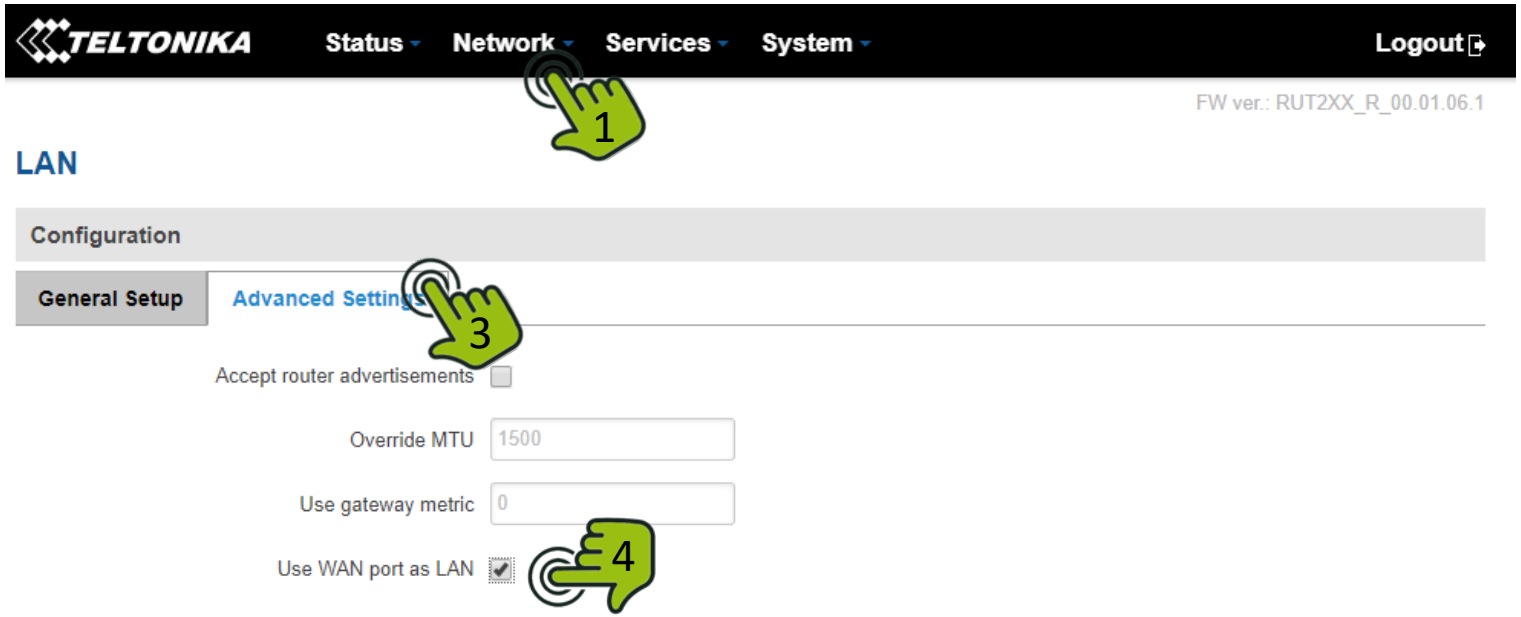


# Custom Changes

3. Go to LAN:

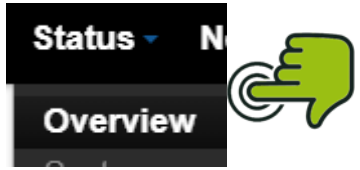



4. Select ‘Use WAN port as LAN:

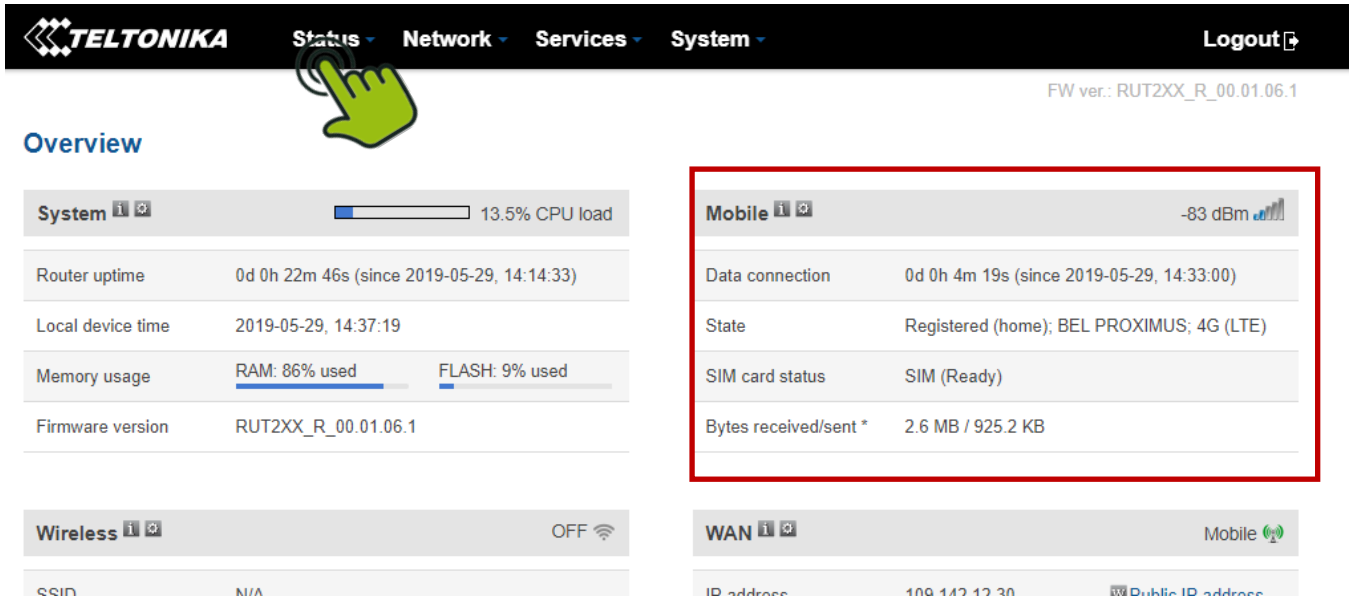


# Check operation

5. Go to Overview:



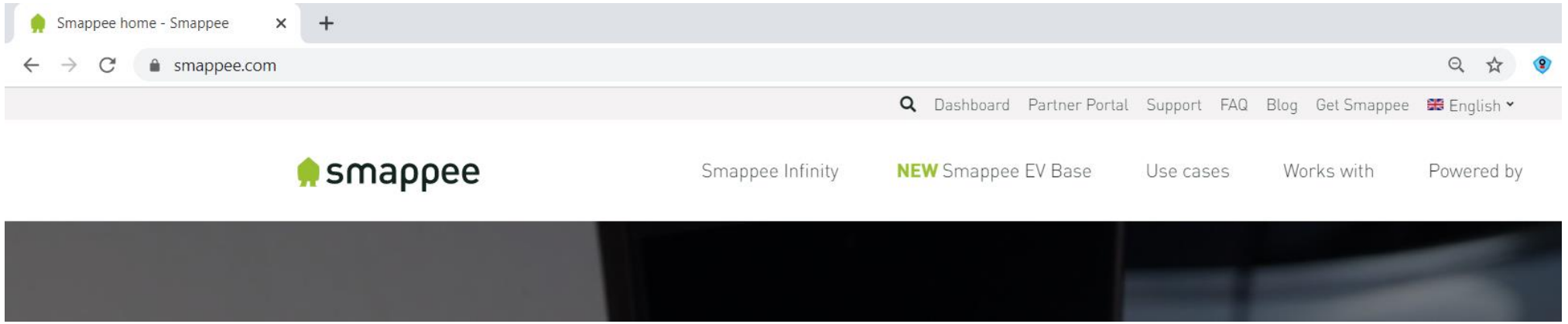

6. Check if you have a valid 4G connection (signal strength, SIM card status and connection state):



# Check operation

1. Check internet connectivity by surfing to a website. Make your laptop is still connect only through ethernet of the router.

2. Check if website opens:



# Connection to Smappee Gateway

- The router can now be connected to a Smappee gateway using Ethernet.
- Both the Smappee Genius & Connect can be used with the 4G router.
- Connect a (straight) ethernet cable between the router and Smappee gateway **BEFORE** powering on the Smappee.

| | |
|---|---|
| | If the WAN-port is used, the WAN-port needs to be setup as a LAN port, see ‘Check operation’ – Step 3 & 4. |
| | Make sure the 4G router as has valid 4G-connection before connecting to the Smappee gateway. |
| | In case of doubt of operation, check with a laptop if the there is a valid internet connection. |

smappee

Thank you