
* The Things Network *

* G A T E W A Y *

Firmware name: AmazingAckermann, type: 0, version: 1.0.8, commit: 846da98b, timestamp: 1574945235

Bootloader revision: 2, commit: c463e87e, timestamp: 1519396960

Build time: Nov 28 2019 12:48:18

Reboot reason: 0x40

BOOT: (persisted info) 6F 72 72 65 01 03 5F 9F F9 E2 5D 42 BB 05 5B 48

WIFI: Entering state 0

WIFI: Entering SCAN state 0

MAIN: Initialisation complete

LORA: Changing state from 0 to 0

MAIN: Leaving state 0

MAIN: Entering state 1

FLASH: Magic bytes found: wifi config present

FLASH: Magic bytes found: activation data present

FLASH: Magic bytes not found: no stored FOTA data present

FLASH: Loading Firmware Data

CNFG: (Firmware HASH (sha256)) F7 4B 6E FA 9E 91 AE E4 2C 62 8E D2 50 1B 43 3C C0 69 36 41 AA 52 86
F7 67 0F 44 7A 6E FD 25 F2

FLASH: Loading WiFi Data

CNFG: WiFi SSID: Things-Gateway-001EC03B41AF
CNFG: WiFi key: ***
CNFG: WiFi conn_type: 4
CNFG: WiFi sec_type: 4
FLASH: Loading Activation Data
CNFG: Gateway ID: swri-div-14-gnat-asset-tracker
CNFG: Gateway Key: ***
CNFG: Account Server URL: https://nam1.cloud.thethings.network/
CNFG: Locked: true
CNFG: Locked first time: false

MAIN: Leaving state 1
MAIN: Entering state 2
INET: State change to 0
LORA: Initialisation complete
LORA: Changing state from 0 to 1
WIFI: Entering state 1
ETH: IP Address: 0.0.0.0
WIFI: Entering state 2
WIFI: Disabling modules
Head magic match void: trying to free an already freed block, ignore
WIFI: Entering state 3
WIFI: Enabling modules for server
WIFI: Entering state 6

>WIFI: IP Address: 192.168.84.1
SNTP: State change from 0 to 1
INET: Gateway has Ethernet
INET: State change to 2

INET: Connected to a network, waiting for DHCP lease, checking validity with ping

CB: SNTP: State change from 1 to 2

INET: State change to 3

INET: Ping probe

INET: Error sending probe on WiFi

LORA: Wait init complete, waiting for application.

LORA: Changing state from 1 to 2

ETH: IP Address: 10.202.150.128

##

INET: Ping Timeout of :60 seconds

INET: Ping probe

INET: Error sending probe on WiFi

INET: Ping response from PIC32INT, set as default

INET: State change to 4

INET: State change to 5

MAIN: Leaving state 2

MAIN: Entering state 3

CNFG: Load online user config state change to 4

HTTP: Close active socket 0

HTTP: Starting connection

HTTPS: Connection Opened: Starting TLS Negotiation

HTTP: Wait for TLS Connect

HTTP: TLS Connection Opened: Starting Clear Text Communication

HTTP: Got 1015 bytes

HTTP: Connection Closed

HTTP: Close active socket 1

CONF: Parsing response token: HTTP/1.1 200 OK

CONF: ROUTER URL: mqtt://nam1.cloud.thethings.network:8881

CNFG: Load online user config state change to 6

FREQ: APP_URL_Buffer: https://nam1.cloud.thethings.network/api/v2/frequency-plans/US_902_928_FSB_2

HTTP: Starting connection

HTTPS: Connection Opened: Starting TLS Negotiation

HTTP: Wait for TLS Connect

HTTP: TLS Connection Opened: Starting Clear Text Communication

HTTP: Got 1556 bytes

HTTP: Connection Closed

HTTP: Close active socket 1

CNFG: Load online user config state change to 7

CNFG: Configuring LoRa module

LORA: Changing state from 2 to 3

LORA: Starting reconfiguration

LGMD:Command, cmd: 0x31, size: 0

LGMD:Timeout on cmd: 0x31

LORA: Configuration failed, retry

LORA: Starting reconfiguration

LGMD:Command, cmd: 0x31, size: 0

LGMD:Timeout on cmd: 0x31

LORA: Configuration failed, retry

LORA: Starting reconfiguration

LGMD:Command, cmd: 0x31, size: 0

LGMD:Timeout on cmd: 0x31

LORA: Configuration failed, retry

LORA: RESET MODULE

##this process repeats about 10 times and then it aborts##

LORA: Changing sta

*** assert ../src/system_config/TTN_Gateway_v1/rtos_hooks.c:112:fatal:vApplicationMallocFailedHook

SNTP: State change from 0 to 0

SNTP: State change from 0 to 0