Description

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This module establish the internet connection on the device over the modem and sends LT and events data packages

Feature goals

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Create a new thread;

Establish ppp connection over Quectel UC20 usb modem;

Generate http POST request for LT and events data packages once ;

Elements

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1. PPP connection process

 1. check if feature is active

 2. load unsent data from tracking DB.

 3. generate ppp config files

 4. check module presence

 - retry every 120 seconds;

 5. start signaling thread.

2. Send data process

Actions

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use semaphore to trigger an new http request.