Lattice Watering: Second Status Report

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Updates

- The NIB did not seem to work last week, but we finally got around it on the 1st of June. So we were able to send CoAP packets from the BR to the host and, naturally, from the BR to nodes. What did not work was sending a packet to the host. The network setup is now automated and the routes are properly configured. Additionally, we setup RPL.
- We added the use of GCoAP.
- We added DTLS support.
- We properly documented how the hardware is setup, especially how one can wire a node themselves.
- Added documentation on how to setup the hardware.

RIOT proves to be a bit limited

- The border router setup is still very unintuitive and documentation for it is not very well written. At least there is some.
- WolfSSL is not supported for GCoAP, so we are limited here practically, since only using DTLS sockets makes the task harder.
- For TinyDTLS, the only allowed pseudorandom generators are `prng_sha1prng`, `prng_sha256prng` and `prng_hwrng`, despite standardized ones existing. (see `prng_tinymt32` from RFC8682)
- Many interfaces still seem to lack features, according to documentation. See e.g. `adc.h`.