

DOTS Signal Channel

draft-reddy-dots-signal-channel-10

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Highlights

- DOTS YANG Data Models
 - DOTS Mitigation request model
 - DOTS Session configuration model
 - Encoding rules defined in [[I-D.ietf-core-yang-cbor](#)] for CBOR encoding of data models with YANG
 - Used pyang <https://github.com/mbj4668/pyang> to validate the YANG modules

Highlights

- CBOR
 - All parameters in DOTS signal channel are mapped to CBOR types

Highlights

- Mitigation request/response messages are marked as non-confirmable.
- Non-confirmable requests are sent at regular intervals until a response is received.
- Channel configuration/setup messages are flagged as confirmable.

Highlights

- Heartbeat mechanism using “CoAP ping”
- (D)TLS 1.3
- Added support for vendor specific parameters.
- Added new Mitigation status parameters:
bytes_dropped, bps_dropped, pkts_dropped
and pps_dropped.

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- Consider adoption of this document as a WG item
- Comments and questions are welcome.