DOTS signal channel

draft-reddy-dots-signal-channel-00

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Updates

• Replaces draft-reddy-dots-transport-05. The draft now focuses on Signal Channel.
• Meets requirements defined in draft-ietf-dots-requirements-02.
• Removed overlapping text with Use Cases and Architecture drafts. References Use Case and Architecture drafts.
• Formal specification of attribute formats
DOTS signal channel

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<td>CoAP</td>
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DOTS signal channel

- POST, DELETE, GET, and PUT requests are marked as COAP confirmable messages.
- Asynchronous message exchanges for DDOS mitigation status.
DOTS signal and data channel: Aliases

POST: create alias for protocol, port, ip, FQDN, URI, E.164

2.01 (Created)

(D)TLS Session

POST: request to convey DOTS signal using alias

2.01 (Created)
DOTS signal channel

DOTS client

GET <policy-id number>
Token: 0x4a
Observe: 0

2.05 content
Token: 0x4a
Observe: 12
Status: “mitigation in progress”

2.05 content
Token: 0x4a
Observe: 44
Status: “mitigation complete”

2.05 content
Token: 0x4a
Observe: 60
Status: “attack stopped”

DOTS server
• Comments and questions
• Consider adoption of this document as WG item.