

DDoS Open Threat Signaling WG (DOTS)

Virtual Interim Meeting
February 22, 2017

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Note Well

This summary is only meant to point you in the right direction, and doesn't have all the nuances.

The IETF's IPR Policy is set forth in **BCP 79**; please read it carefully.

The brief summary:

- **By participating with the IETF, you agree to follow IETF processes.**
- **If you are aware that a contribution of yours (something you write, say, or discuss in any IETF context) is covered by patents or patent applications, you need to disclose that fact.**
- **You understand that meetings might be recorded, broadcast, and publicly archived.**

For further information, talk to a WG chair, ask an Area Director, or review the following:

- BCP 9 (on the Internet Standards Process)
- BCP 25 (on the Working Group processes)
- BCP 78 (on the IETF Trust)
- BCP 79 (on Intellectual Property Rights in the IETF)

Agenda

1. Note well, logistics and introduction (chairs, 5 min)

2. Use Case Discussion (15 min)

- draft-ietf-dots-use-cases-03 (Roland Dobbins)

3. Requirements Discussion (10 min)

- draft-ietf-dots-requirements-03 (Andrew Mortensen, 5 min)

- Additional requirements discussion (5 min)

4. Architecture Discussion (10 min)

- draft-ietf-dots-architecture-01 (Andrew Mortensen, 5 min)

- Additional architecture discussion (5 min)

5. Protocol Drafts (40 min)

- draft-reddy-dots-data-channel-04 (Tiru Reddy, 10 min)

- draft-reddy-dots-signal-channel-08 (Tiru Reddy, 10 min)

- draft-teague-dots-protocol-02 (Nik Teague, 10 min)

- Additional Discussion (10 min)

6. Open Mic (5 min)

7. Closing (chairs, 5 min)

Status of Use Cases (UCs)

Draft	Comment
draft-ietf-dots-use-cases-03	Consolidated use cases from the WG
draft-nishizuka-dots-inter-domain-usecases-02	Additional inter-domain use cases
draft-doron-dots-telemetry-00	Additional telemetry use cases

Status of Information Models

Draft	Comment
draft-andreasen-dots-info-data-model-01	Information model for existing use cases (per draft-ietf-dots-use-cases-02)
draft-doron-dots-telemetry-00	Information model for telemetry data

Status of Solutions

Draft	Signal Channel		Data Channel	
	Protocol	Encoding	Protocol	Encoding
draft-fu-dots-ipfix-extension-01	X		IPFIX	IPFIX
draft-reddy-dots-data-channel-04	X		RESTCONF/ TLS	JSON
draft-reddy-dots-signal-channel-08	CoAP/ TLS/DTLS	YANG/CBOR	X	
draft-francois-dots-ipv6-signal-option-01	IPv6	IPv6 option	X	
draft-nishizuka-dots-inter-domain-mechanism-02	HTTP/TLS	JSON	HTTP/TLS	JSON
draft-teague-dots-protocol-02	DTLS	protbuf	X	
draft-mortensen-dots-over-udp-01	DTLS	X		X

Current Milestones

Date	Milestone
Nov 2016	Use case document to WGLC
Nov 2016	Requirements document to WGLC
Nov 2016	Architecture document to WGLC
<i>Late February 2017</i>	<i>Virtual Interim Meeting</i>
<i>March 26-31, 2017</i>	<i>IETF 98 (Chicago)</i>
Mar 2017	Data model document as proposed standard to IESG
Mar 2017	Transport document as proposed standard to IESG
<i>July 16-21</i>	<i>IETF 99 (Prague)</i>
<i>November 12-17, 2017</i>	<i>IETF 100 (Singapore)</i>

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Discussion