

# DDoS Open Threat Signaling WG (DOTS)

March 28, 2017  
IETF 98, Chicago

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# Administrative Tasks

- Blue sheets
- Jabber scribe
- Note taker

# Agenda

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

## **2. Use Case Discussion (15 min)**

- draft-ietf-dots-use-cases-04 (Roland Dobbins, 5 min)
- Additional use cases discussion (10 min)

## **3. Requirements Discussion (10 min)**

- draft-ietf-dots-requirements-04 (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 (60 min)**

- draft-reddy-dots-data-channel-05 (Nik Teague, 15 min)
- Poll for adoption on draft-reddy-dots-data-channel-05 (10 min)
- draft-reddy-dots-signal-channel-09 (Nik Teague, 10 min)
- NTT Implementation Report (Kaname Nishizuka, 10 min)
- Cisco implementation report (Flemming Andreasen, 10 min)
- Additional protocol discussion (5 min)

## **6. Other Work (10 min)**

- draft-fu-dots-ipfix-tcp-tracking-00 (Hui Zheng, 10 min)

## **7. Open Mic (5 min)**

## **8. Closing (chairs, 5 min)**

# Status

- Meetings since IETF 97
  - Virtual Interim Meeting – February 22, 2017
    - <https://datatracker.ietf.org/meeting/interim-2017-dots-01/session/dots>
  - Design Team Meetings – March 27, 2017
- 2 Updated WG drafts
  - draft-ietf-dots-use-cases-04
  - draft-ietf-dots-requirements-04
- Individual drafts being polled for adoption
  - draft-reddy-dots-data-channel-05
- 4 updated/new individual drafts

# Status of Use Cases (UCs)

Draft	Comment
<b>draft-ietf-dots-use-cases-04</b>	Consolidated use cases from the WG
<b>draft-nishizuka-dots-inter-domain-usecases-02</b>	Additional inter-domain use cases
<b>draft-doron-dots-telemetry-00</b>	Additional telemetry use cases

# Status of IM/DM

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

# Status of Solutions

Draft	Signal Channel		Data Channel	
	Protocol	Encoding	Protocol	Encoding
<b>draft-reddy-dots-data-channel-05</b>	<del> </del>		RESTCONF/ TLS	JSON
<b>draft-reddy-dots-signal-channel-09</b>	CoAP/ TLS/DTLS	YANG/CBOR	<del> </del>	
<b>draft-francois-dots-ipv6-signal-option-01</b>	IPv6	IPv6 option	<del> </del>	
<b>draft-nishizuka-dots-inter-domain-mechanism-02</b>	HTTP/TLS	JSON	HTTP/TLS	JSON
<b>draft-teague-dots-protocol-02</b>	DTLS	protbuf	<del> </del>	
<b>draft-mortensen-dots-over-udp-01</b>	DTLS	<del> </del>		<del> </del>

**Legend:** Draft Updated Since IETF 97 | Draft Not Updated Since IETF 97

Draft authors have indicated no future updates are planned at this time

# Current Milestones

<b>Date</b>	<b>Milestone</b>
<b>Nov 2016</b>	Use case document to WGLC
<b>Nov 2016</b>	Requirements document to WGLC
<b>Nov 2016</b>	Architecture document to WGLC
February 22, 2017	Virtual Interim Meeting
March 28, 2017	IETF 98 (Chicago)
<b>Mar 2017</b>	Data model document as proposed standard to IESG
<b>Mar 2017</b>	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

# Proposed Milestones

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February 22, 2017	Virtual Interim Meeting
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<i>July 16-21</i>	<i>IETF 99 (Prague)</i>
<del>Nov 2016</del> <b>Sept 2017</b>	Use case document to WGLC
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