# DDoS Open Threat Signaling WG (DOTS)

March 20, 2018 IETF 101, London

Roman Danyliw Tobias Gondrom

#### Note Well

This is a reminder of IETF policies in effect on various topics such as patents or code of conduct. It is only meant to point you in the right direction. Exceptions may apply. The IETF's patent policy and the definition of an IETF "contribution" and "participation" are set forth in BCP 79; please read it carefully.

As a reminder:

By participating in the IETF, you agree to follow IETF processes and policies.

If you are aware that any IETF contribution is covered by patents or patent applications that are owned or controlled by you or your sponsor, you must disclose that fact, or not participate in the discussion.

As a participant in or attendee to any IETF activity you acknowledge that written, audio, video, and photographic records of meetings may be made public.

Personal information that you provide to IETF will be handled in accordance with the IETF Privacy Statement.

As a participant or attendee, you agree to work respectfully with other participants; please contact the ombudsteam (<a href="https://www.ietf.org/contact/ombudsteam/">https://www.ietf.org/contact/ombudsteam/</a>) if you have questions or concerns about this.

Definitive information is in the documents listed below and other IETF BCPs. For advice, please talk to WG chairs or ADs:

- BCP 9 (Internet Standards Process)
- <u>BCP 25</u> (Working Group processes)
- BCP 25 (Anti-Harassment Procedures)
  - BCP 54 (Code of Conduct)
  - BCP 78 (Copyright)
  - **BCP** 79 (Patents, Participation)
- <a href="https://www.ietf.org/privacy-policy/">https://www.ietf.org/privacy-policy/</a> (Privacy Policy)

#### **Administrative Tasks**

- Blue sheets
- Jabber scribe
- Note taker

## Agenda

- 1. Note well, logistics and introduction (chairs, 5 min)
- 2. Hackathon Report(s) (Hackathon participants/TBD, 20 min)
- 3. Additional Implementation Reports (open mic, 10 min)
- 4. Protocol drafts (30 min)
  - (a) draft-ietf-dots-signal-channel-17 (Mohamed Boucadair)
  - (b) draft-ietf-dots-data-channel-13 (Mohamed Boucadair)
- 5. Architecture (draft-ietf-dots-architecture-05) (Andrew Mortensen\*, 10 min)
- 6. Use Cases (draft-ietf-dots-use-cases-09) (10 min)
- 7. Closing (chairs, 5 min)

### **Draft Status Since IETF 100**

Document	<b>\$</b>	Date	;	Status
Active Internet-Drafts (5 hits)				
draft-ietf-dots-architecture-05  Distributed-Denial-of-Service Open Threat Signaling (DOTS) Architecture		2017-10-25 30 pages		I-D Exists WG Document <i>Mar 2018</i>
draft-ietf-dots-data-channel-13 Distributed Denial-of-Service Open Threat Signaling (DOTS) Data Channel Specification		2018-01-30 40 pages	•	I-D Exists WG Document Aug 2018
draft-ietf-dots-requirements-14 Distributed Denial of Service (DDoS) Open Threat Signaling Requirements		2018-02-07 20 pages		I-D Exists WG Document <i>Dec 2017</i>
draft-ietf-dots-signal-channel-17 Distributed Denial-of-Service Open Threat Signaling (DOTS) Signal Channel Specification		2018-01-23 84 pages	•	I-D Exists WG Document Aug 2018
draft-ietf-dots-use-cases-09 Use cases for DDoS Open Threat Signaling		2017-11-12 23 pages		I-D Exists WG Document <i>Mar 2018</i>
Document	<b>\$</b>	Date	<b>‡</b>	Status
Related Internet-Drafts (2 hits)				
draft-boucadair-dots-multihoming-02 Multi-homing Deployment Considerations for Distribute Denial-of-Service Open Threat Signaling (DOTS)	d-	2017-10-17 14 pages		I-D Exists
draft-boucadair-dots-server-discovery-03  Distributed-Denial-of-Service Open Threat Signaling (DOTS) Server Discovery		2017-10-18 25 pages		I-D Exists

- Virtual Interim
   Meeting on
   February 7, 2018
- WGLC of requirements
- New implementation from Arbor Networks

## **Current Milestones**

Date	Milestone				
December 2017	Requirements document to WGLC				
March 18-23, 2018	IETF 101 (London)				
March 2018	Architecture document to WGLC				
March 2018	Use case document to WGLC				
July 14-20, 2018	IETF 102 (Montreal)				
August 2018	Data channel document to WGLC				
August 2018	Signal channel document to WGLC				

# Agenda

- 1. Note well, logistics and introduction (chairs, 5 min)
- 2. Hackathon Report(s) (Hackathon participants/TBD, 20 min)
- 3. Additional Implementation Reports (open mic, 10 min)
- 4. Protocol drafts (30 min)
  - (a) draft-ietf-dots-signal-channel-17 (Mohamed Boucadair)
  - (b) draft-ietf-dots-data-channel-13 (Mohamed Boucadair)
- 5. Architecture (draft-ietf-dots-architecture-05) (Andrew Mortensen\*, 10 min)
- 6. Use Cases (draft-ietf-dots-use-cases-09) (10 min)
- 7. Closing (chairs, 5 min)