

DDoS Open Threat Signaling WG (DOTS)

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IETF 100, Singapore

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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-09 (Roland Dobbins*, 10 minutes)
- Use case discussion (5 min)

3. Requirements Discussion (15 min)

- draft-ietf-dots-requirements-07 (Andrew Mortensen*, 10 minutes)
- Requirements discussion (5 min)

4. Architecture Discussion (25 min)

- draft-ietf-dots-architecture-05 (Andrew Mortensen*, 10 min)
- draft-boucadair-dots-multihoming-02 (Mohamed Boucadair*, 10 min)
- Additional architecture discussion (5 min)

5. Protocol Discussion (55 min)

- Hackathon activity report (Kaname Nishizuka, 15 min)
- draft-ietf-dots-signal-channel-07 (Mohamed Boucadair*, 30 min)
draft-ietf-dots-data-channel-07
- draft-boucadair-dots-server-discovery-03 (Mohamed Boucadair*, 10 min)

6. Closing (chairs, 5 min)

Status Since IETF 99

Virtual Interim Meeting

- October 2, 2017

Document	↕ Date
Active Internet-Drafts	
draft-ietf-dots-architecture-05 Distributed-Denial-of-Service Open Threat Signaling (DOTS) Architecture	2017-10-25 30 pages
draft-ietf-dots-data-channel-07 Distributed Denial-of-Service Open Threat Signaling (DOTS) Data Channel	2017-11-12 28 pages New
draft-ietf-dots-requirements-07 Distributed Denial of Service (DDoS) Open Threat Signaling Requirements	2017-10-30 21 pages New
draft-ietf-dots-signal-channel-07 Distributed Denial-of-Service Open Threat Signaling (DOTS) Signal Channel	2017-11-12 61 pages New
draft-ietf-dots-use-cases-09 Use cases for DDoS Open Threat Signaling	2017-11-12 23 pages New

Document	↕ Date
Related Internet-Drafts	
draft-boucadair-dots-multihoming-02 Multi-homing Deployment Considerations for Distributed-Denial-of-Service Open Threat Signaling (DOTS)	2017-10-17 14 pages
draft-boucadair-dots-server-discovery-03 Distributed-Denial-of-Service Open Threat Signaling (DOTS) Server Discovery	2017-10-18 25 pages

The aim of [DDoS Open Threat Signaling \(DOTS\)](#) is to develop a standards based approach for the realtime signaling of DDoS related telemetry and threat handling requests and data between elements concerned with DDoS attack detection, classification, traceback, and mitigation.

DOTS in GitHub

The working group authors use the [dotswg](#) project in [github](#) for working versions of the documents and to track Issues. Each document uses a distinct repository.

- [draft-ietf-dots-use-cases](#) ([Issues](#))
- [draft-ietf-dots-requirements](#) ([Issues](#))
- [draft-ietf-dots-architecture](#) ([Issues](#))
- [draft-ietf-dots-signal-channel](#) ([Issues](#))
- [draft-ietf-dots-data-channel](#) ([Issues](#))

Implementations

The following are implementations of DOTS.

Name	Language	Role	Signal Version	Data Version	Comments/Features/Limitations
go-dots (NTT)	Go	Client+Server	-06	-02	
NCC Group		Client+Server	-06	?	

If you are an implementer please let the working group know about your work and any Issues you've found with the drafts by sending comments to the [mailing list](#).

Public Test Servers

The following are public test servers for DOTS.

Name	Signal Version	Data Version	URL	Comments/Features/Limitations
NCC Group	-06	?	dotserver.ddos-secure.net:5684 and :4646	documentation

Current Milestones

Date	Milestone
July 2017	Use case document to WGLC
July 2017	Requirements document to WGLC
September 2017	Architecture document to WGLC
<i>November 12-17, 2017</i>	<i>IETF 100 (Singapore)</i>
December 2017	Data channel document to WGLC
December 2017	Signal channel document to WGLC
<i>March 18-23, 2017</i>	<i>IETF 101 (London)</i>

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