

# 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-08 (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-06 (Mohamed Boucadair\*, 30 min)  
draft-ietf-dots-data-channel-06
- draft-boucadair-dots-server-discovery-03 (Mohamed Boucadair\*, 10 min)

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

# Status Since IETF 99

Document	Date	Status
<b>Active Internet-Drafts</b>		
<a href="#">draft-ietf-dots-architecture-05</a> <b>Distributed-Denial-of-Service Open Threat Signaling (DOTS) Architecture</b>	2017-10-25 30 pages	I-D Exists WG Document <i>Sep 2017</i>
<a href="#">draft-ietf-dots-data-channel-06</a> <b>Distributed Denial-of-Service Open Threat Signaling (DOTS) Data Channel</b>	2017-10-27 28 pages <b>New</b>	I-D Exists WG Document
<a href="#">draft-ietf-dots-requirements-07</a> <b>Distributed Denial of Service (DDoS) Open Threat Signaling Requirements</b>	2017-10-30 21 pages <b>New</b>	I-D Exists WG Document <i>Jul 2017</i>
<a href="#">draft-ietf-dots-signal-channel-06</a> <b>Distributed Denial-of-Service Open Threat Signaling (DOTS) Signal Channel</b>	2017-10-27 58 pages <b>New</b>	I-D Exists WG Document
<a href="#">draft-ietf-dots-use-cases-08</a> <b>Use cases for DDoS Open Threat Signaling</b>	2017-10-24 22 pages	I-D Exists WG Document <i>Jul 2017</i>

Document	Date	Status
<b>Related Internet-Drafts</b>		
<a href="#">draft-boucadair-dots-multihoming-02</a> <b>Multi-homing Deployment Considerations for Distributed-Denial-of-Service Open Threat Signaling (DOTS)</b>	2017-10-17 14 pages	I-D Exists
<a href="#">draft-boucadair-dots-server-discovery-03</a> <b>Distributed-Denial-of-Service Open Threat Signaling (DOTS) Server Discovery</b>	2017-10-18 25 pages	I-D Exists

## Virtual Interim Meeting

- October 2, 2017

## Design Team Meetings

- XXX

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	Data Version	Signal Version	Comments/Features/Limitations
<a href="#">go-dots</a> (NTT)	Go	Client+Server	-02	-02	
NCC Group		Client+Server			

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 Server

The following are public test servers for DOTS.

Name	Data Version	Signal Version	URL	Comments/Features/Limitations
NCC Group			dotsserver.ddos-secure.net:5684 and :4646	<a href="#">documentation</a>

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# Current Milestones

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

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