

# NCC DOTS Server

IETF 101

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# DOTS Server Access (1)

- Hosted at `dotserver.ddos-secure.net`
- Signal channel ports 4646 and 5684
- Data channel port 443
  - requires SNI of `dotserver.ddos-secure.net`
- PKI Client Certificate
  - `client.sample.example.com` from `nttdots`
  - Others can be provided to prevent usage clash/confusion
  - CA certificate from `nttdots` also needs to be provided by client

# DOTS Server Access (2)

- PSK
  - Key is 12345678
  - Identifier is identity\_for\_dots
- IPs that can be mitigated
  - 1.1.1.69, 1.1.1.71, 1.1.2.0/24
  - 2001:db8:6401::/96
  - Active attack traffic reported for 1.1.1.69

# DOTS Client Setup

- Need to know Server FQDN or IP
- Need to know listening ports for Signal and Data
- Authentication
  - Need Client Certificate Key Pair
  - Need PSK and Identity to use

# DOTS Gateway Setup

- Association between Client Identifier and DOTS Server needs to be set up
- Different Client Identifiers can be used to invoke Gateway functionality and/or only NCC DOTS Server

# Functionality Supported

- draft-ietf-dots-signal-channel-17
  - Cuid= and Mid= generated as Uri-Path
  - Cuid= and Mid= accepted as Uri-Path or Uri-Query
- draft-ietf-dots-data-channel-13
  - Using draft-ietf-netmod-acl-model-18  
“IETF Packet Fields Module”

Questions?

**Thank You**