DOTS Server Access (1)

- Hosted at dotsserver.ddos-secure.net
- Signal channel ports 4646 and 5684
- Data channel port 443
  - requires SNI of dotsserver.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