

# draft-ietf-dots-requirements-02

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# Changes since -01

- Dependency on I-D.ietf-dots-architecture
- Data model requirements
- DOTS gateway replaces DOTS relays
- Session configuration over data channel
- Congestion control considerations revised
- Clarification on mitigation scoping

# Architecture

- Previous revisions assumed architecture understanding
- Now refers to WG architecture draft explicitly

# Data Model Requirements

- Structure
- Versioning
- Mitigation Request/Status representations
- Mitigation Scope, Lifetime, Efficacy
- Transport agnosticism

# DOTS gateway

- Replaces DOTS relays
- Logically concatenated DOTS server and client
- Analogous to SIP B2BUA
- No requirements specified, term only

# Session Configuration

- Acceptable signal loss
- Heartbeat intervals
- Mitigation lifetime
- Resource identifiers for mitigation scope

# Congestion Control

- Replace naïve stub
- Acknowledge concerns raised in RFC5405
- Signal channel MUST include congestion control, implementation-specific
- Data channel requires reliable transport

# Clarifications

- Fix self-contradictory mitigation scope text (OP-006)
- Expand black-/white-list terminology to encompass non-prefix matches
- Remove lookup caching requirement (formerly OP-009)



# Next Steps

- DOTS gateway requirements
- Revise data model requirements
- Information model requirements needed?
- Additional security considerations?

# Thank you

<https://github.com/dotswg/dots-requirements>