

Co-Operative DDOS Mitigation

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Overview

- Discusses mechanisms that a downstream network can use to request an network to perform filtering on suspicious traffic.
- Upstream network takes an appropriate action, such as drop, rate-limit, watch-list etc., on suspicious traffic.

Protocol Requirements

- Acknowledgement for processing and enforcement of a filtering request.
- Forward compatibility: Protocol describing attack mitigations needs forward compatibility so that new attacks and mitigations, that may be required in future, can be accommodated.

Protocol Requirements

- Rule management: read, write and update
- Security: Mutual authentication, Integrity and Replay protection.

Questions ?