

# Connection ID

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# Overview

CID specified for DTLS 1.2

[draft-ietf-tls-dtls-connection-id-06](#)

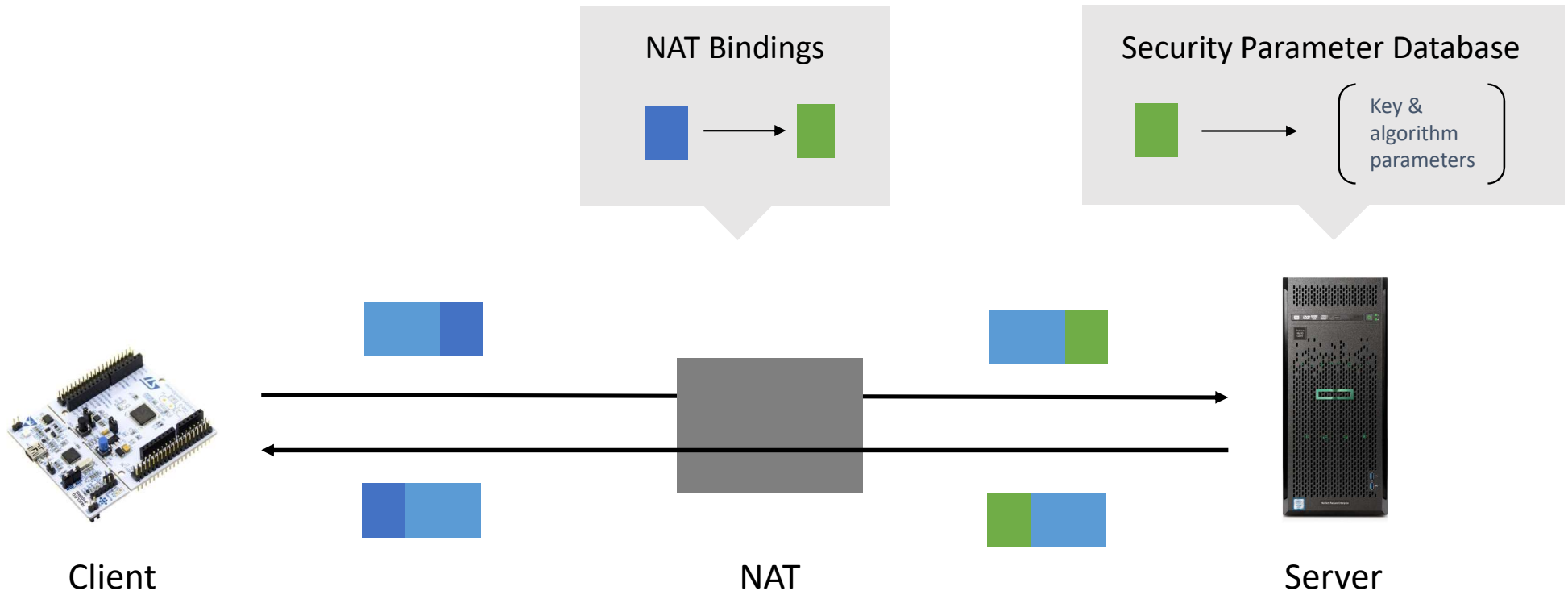
CID specified for DTLS 1.3

[draft-ietf-tls-dtls13-32](#)

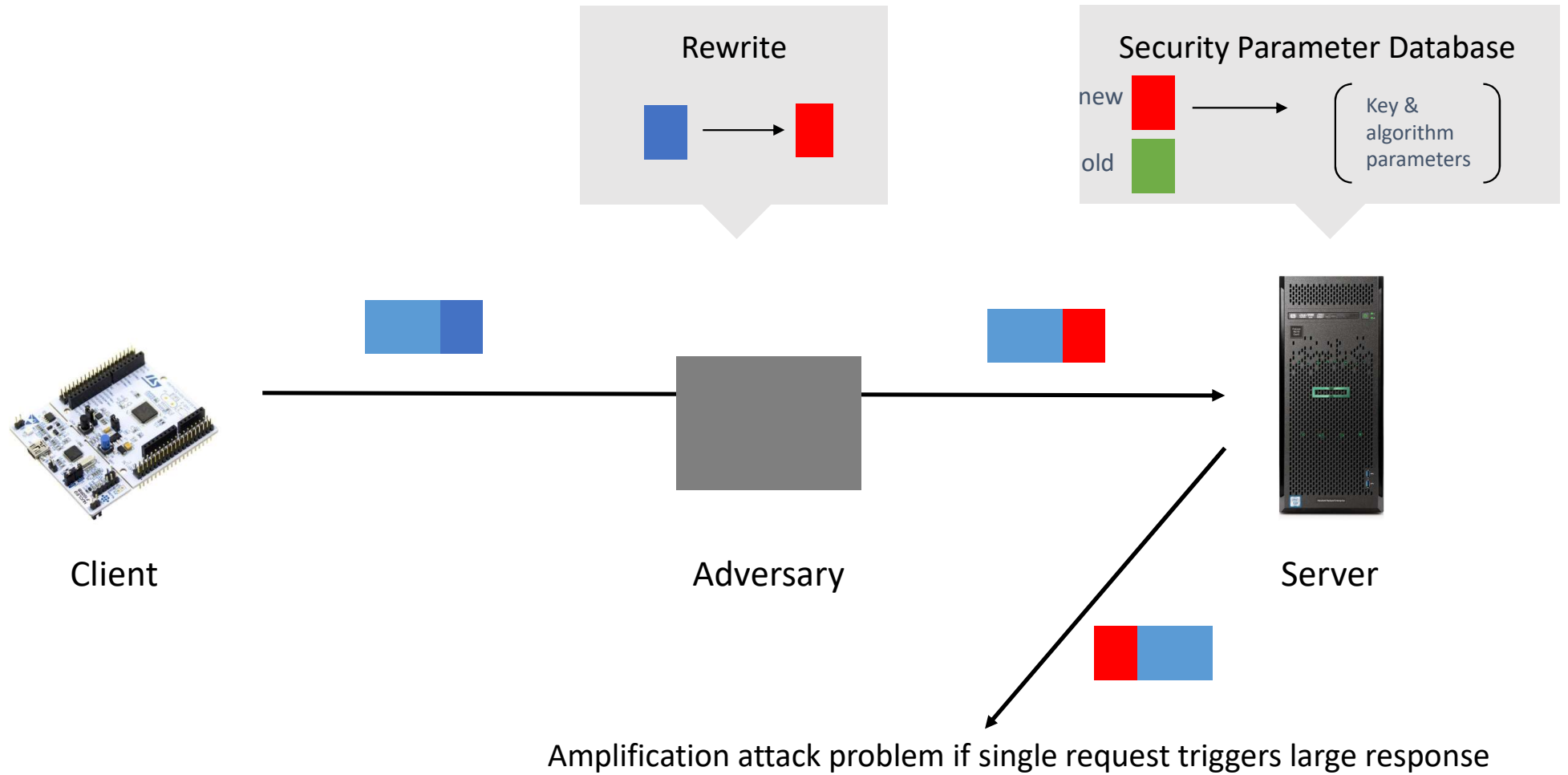
New: Return Routability Check

[draft-tschofenig-tls-dtls-rrc-00](#)

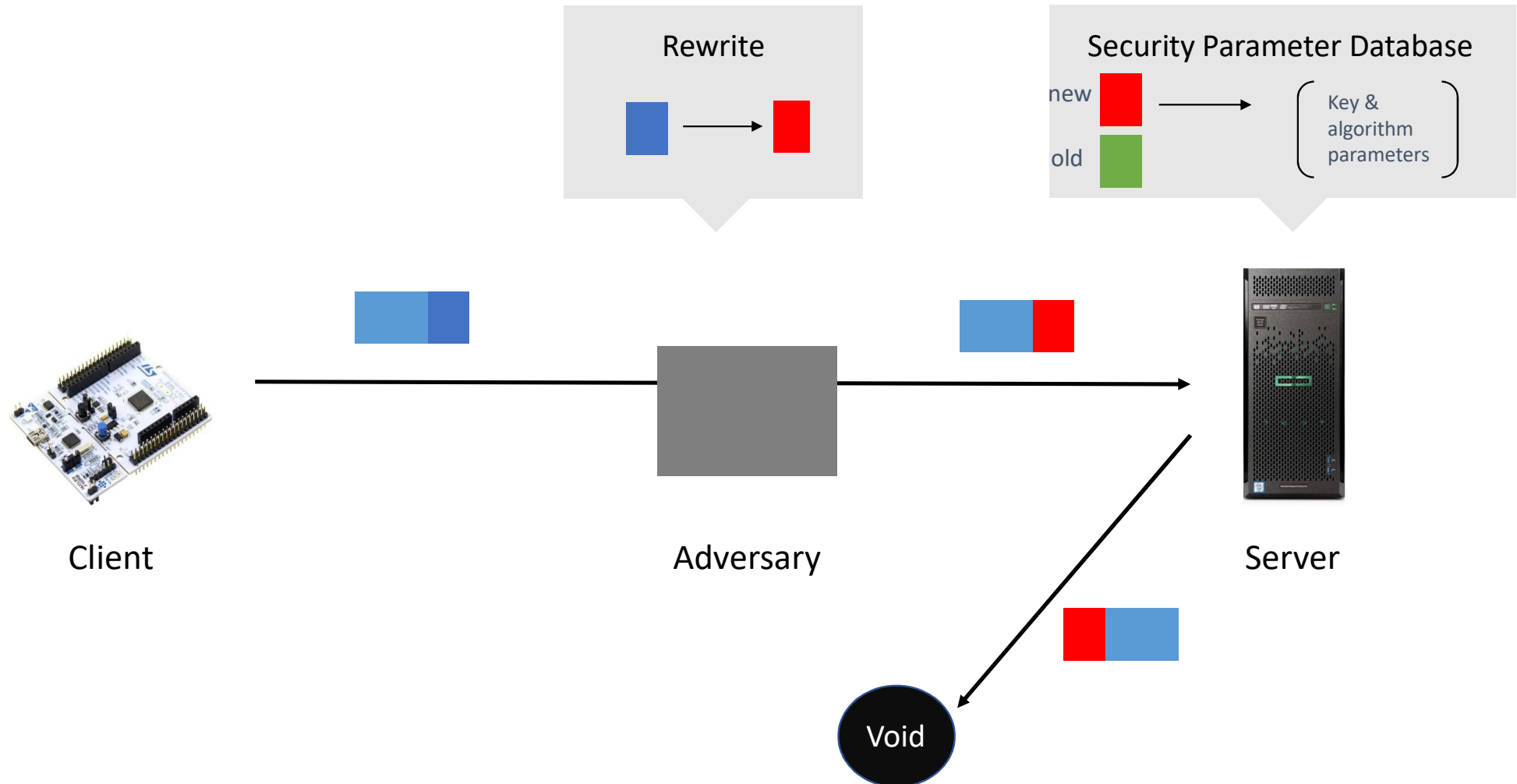
# Problem Description (1/4)



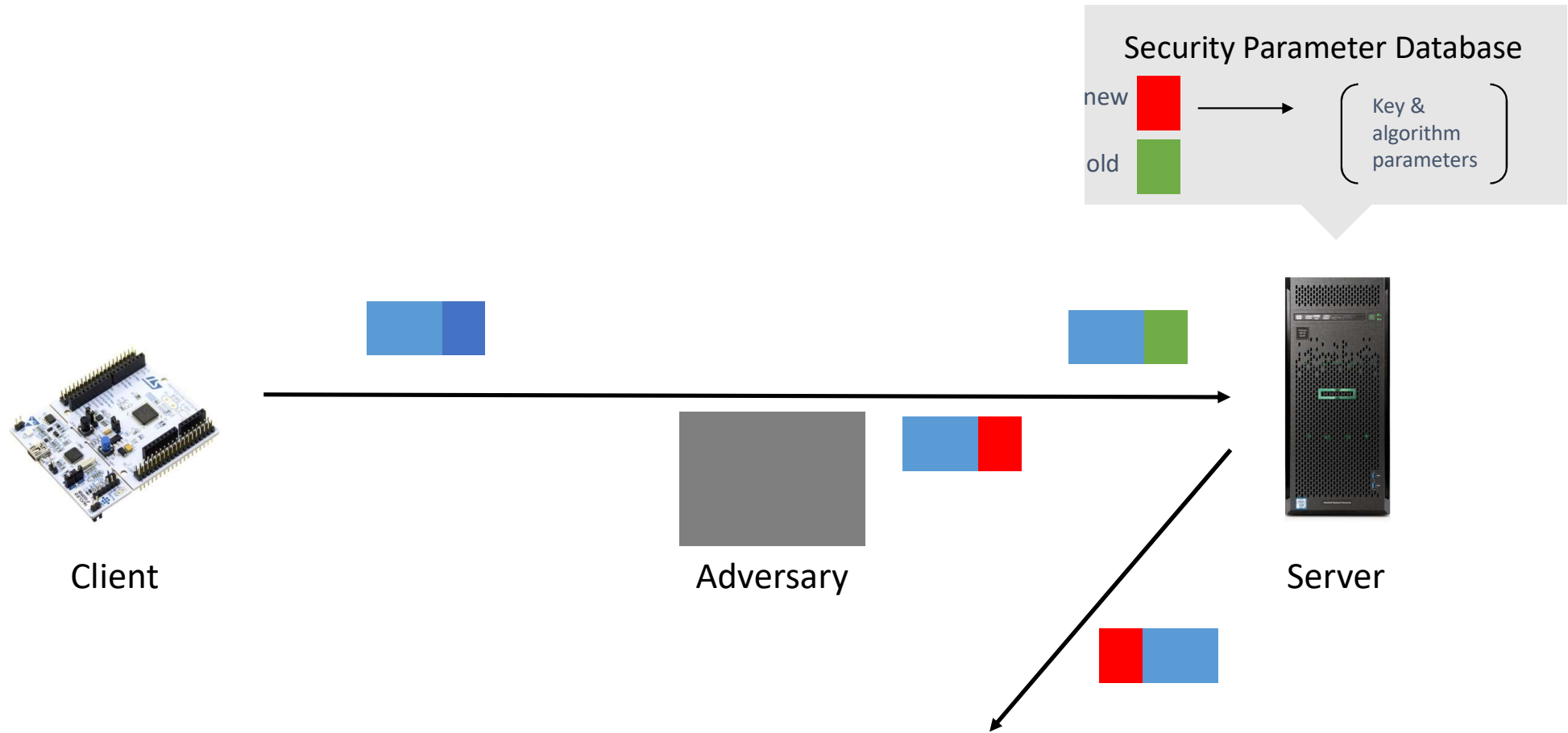
# Problem Description (2/4)



# Problem Description (3/4)



# Problem Description (4/4)



# Proposed Resolution

- Enhanced security consideration section to discuss DoS risk and suggests to only update IP address if no replay has happened.
  - Extra text in [PR #70](#)
- For asymmetric traffic patterns we suggest to perform a return routability check. This check can happen at the application layer or be done at the DTLS layer.
  - New draft with RRC to add return routability check message to DTLS 1.2 and DTLS 1.3