

# Do we need an expanded Internet threat model?

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# Question

- RFC3552 says:
  - Thing1: “ we assume that the attacker has nearly complete control of the communications channel over which the end-systems communicate”
  - Thing2: “we assume that the end-systems engaging in a protocol exchange have not themselves been compromised”
- We believe Thing1 is still **necessary** for protocol design
- But... Is Thing2 still sufficient?

# Drafts

- draft-arkko-arch-internet-threat-model-01
- draft-farrell-etm-02
- There was also discussion about this at the IAB DEDR workshop

# Where/what to do?

- The 4 of us have been chatting about this
  - It's not an "IAB thing" (but are currently on the IAB:-)
- We'd like guidance and feedback
- It's pretty unclear what useful end results might look like
- It's very unclear if an IETF consensus RFC (whether info or BCP) is a good target or whether an informational RFC (ISE or IAB) might be more practical
- An IETF consensus document would be "better" but we might not be ready for that yet, and we won't know 'till we have a better idea of how a (useful) expanded threat model might look
- Possible to-do: make a mailing list, talk about it