MODEL-T IAB PROGRAM MEETING

Dec 7th, 2021
Agenda

• Status check & discussion
• Way forward
• Discussion of drafts & reviews
• Wrap-up
Status check

• Established after discussions in DEDR WS & SAAG in mid 2019
• Quite active discussions in 2019 & 2020
• We are aware of at least 12 documents
  • 8 this year
  • 5 authors + significant contributions from others
• Less discussions in late 2020 to date
• We have at least a leadership problem of not organizing meetings
  • And rightfully critized for this by the community
  • Maybe also other issues
• What to do?
Documents and discussions in the program

General observations about the type of attacks and issues we see
• draft-lazanski-*, draft-mcfadded-*, draft-farrel-*, draft-arkko-*
• Interesting material, I think, but harder to know when we’re done or if it should be published as an RFC

Principles
• draft-thomson-tmi, draft-arkko-iab-data-minimization-principle
• Perhaps more easily processed as an IAB output than the above

Specific efforts to make suggestions to change IETF guidance
• RFC 3552 and 7258 changes to include endpoint security aspects
• draft-arkko-farrell-model-t-3552-additions
• Not so much agreement about when we’re ready to do this
Program Issues

Non-issues
  • Lack of interest, lack of contributions, lack of important problems to consider

Issues:
  • Lack of leadership that organizes meetings & drives discussion
  • Was it correct to frame the program around 3552 update?
  • Too much in scope? Difficult to agree on (few) things to actually push out?
Potential ways forward

• Declare failure, close the program
• Change leadership
• Rethink goals and possible outputs
• Better alignment with what IAB can actually publish
Focus on intermediaries

A protocol intermediary is an element that participates in communications. An intermediary is not the primary initiator or recipient of communications, but instead acts to facilitate communications.

Suggests three principles:

1. Prefer Services to Intermediaries
2. Deliberately Select Protocol Participants
3. Limit Capabilities of Intermediaries
Focus on any protocol interaction (including other endpoints)

Author feels actual protocol endpoints are a major source of issues today

Suggests three principles:

1. Transmission is publication
2. Build for eventual compromise
3. Data and recipient minimization