Making RADIUS/(D)TLS a Proposed Standard

IETF 117 in San Francisco – radext | 24.07.2023
Jan-Frederik “Janfred” Rieckers
What happened so far

- WG Adoption call for draft-rieckers-radext-rfc6614bis completed
- Discussion about merging RFC 7360 (RADIUS/DTLS) and portions of RFC 6613 (RADIUS/TCP) into this document
  - Consensus call on ML just before this IETF
- Republished draft-janfred-radext-radiusdtls-bis which replaces draft-rieckers-radext-rfc6614bis
  - Completely new text, compiled of the relevant sections from RFCs 6613, 6614, 7360
    - Sorry for confusion with draft names/replace/...
More or less complete technical spec for RADIUS/(D)TLS with a lot of comments
- Comments for sources of the texts
- Some technical questions directly in the document as comments
- Merged DTLS and TLS at the relevant portions, TCP and UDP specific sections

No Security Considerations yet

Completely left out Design Decisions.
Next steps

- Re-publish as WG draft
- Address open questions
  - RADIUS MIBs
  - Watchdog mechanism/Status Server
  - MAY/SHOULD decision on Trust DB update
  - Idle Timeout for RADIUS/DTLS
  - ...
- Add “Implementation Guidelines” Section?
- Re-add “Design Decisions” Section or leave it out?
  - Maybe enough to reference RFC 6614 for this?
Contact

Jan-Frederik Rieckers
Mail: rieckers@dfn.de
Phone: 0049 30 884299-339
Fax: 0049 30 884299-370

Address:
DFN-Verein, Geschäftsstelle
Alexanderplatz1
10178 Berlin