draft-ietf-radext-radiusdtls-bis
Making RADIUS/(D)TLS a Proposed Standard

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What happened since IETF117

- WG Adoption call finished, WG -00 version
- Changes, as discussed in San Francisco and thereafter on ML:
  - Trust model: PKIX+PSK mandatory for servers, clients can choose
  - Transport TLS+DTLS mandatory for servers, clients can choose
  - Updated text for Status-Server / Keepalive mechanism
  - Security considerations
  - Reference to TLS BCP
What is still needed?

▸ TLS Session Resumption (Request from Alan) – What should we say here?

▸ Implementation Considerations / Guidelines
  - What should they say?

▸ Re-iterate Security considerations
  - Is everything there that should be there?
  - Can/should we remove some obvious sections?
  - Should we move things to normative sections? (i.e. Migration UDP→(D)TLS has a few „MUST“s)

▸ Some small TODOs in the document, should be easy to fix
  - CA indication for DTLS, Name „PSK Identifier“, Port-Multiuse, Subnets
But wait – let’s take a step back

▸ What problem do we want to solve?

▸ What we want to avoid: A ton of errata and a new -bis document in 2 years

▸ What we need for that:
  ✓ A list of all things that are wrong with RFC { 6613 | 6614 | 7360 }
    • That list we can tick off to know that we won’t miss things
  ✓ A list of additional features that we need for RADIUS/(D)TLS
    • That list we can tick off to know that the new document is needed and we don’t just need a bunch of errata and re-publish the original specs in standards track
Open issues and tasks

▸ What else is needed to publish this document?
  - „Deprecating insecure Practices in RADIUS“ somewhat depends on this
  - WG schedule expects this in Jan 2024

▸ Open Dependency: Dynamic Discovery (RFC7585, Experimental)
  - No normative ref? Downref? -bis?

▸ Re-iterate Normative References, there are some ref warnings from idnits
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