Support of fragmentation of RADIUS packets

draft-perez-radext-radius-fragmentation

IETF85 – RADEXT

Diego R. Lopez - Telefónica (diego@tid.es)
Status

• -03 available since August
• No objections received so far
• Implementation work progressing
• Request for WG adoption
  – People to act as customary reviewers already contacted
Implementation Goals

• Implement draft-perez-radext-radius-fragmentation
  – Serve as a proof of feasibility
  – Provide on-the-wire feedback for the specification

• Proof of concept
  – Intended for validating the fragmentation mechanism

• Open source
  – Source code will be published once ready
Implementation Details

• Based on FreeRadius 2.1.12
  – Client based on FreeRadius radeapclient

• Scenarios to be implemented
  – Fragmentation of Access-Request
  – Fragmentation of Access-Challenge
  – Fragmentation of Access-Accept

• Will work through out-of-the-box FreeRadius proxies
  – No need of RADIUS fragmentation support on existing/deployed proxies
Implementation Status

- Fragmentation of Access-Challenge
  - Completed

- Fragmentation of Access-Request
  - To be completed in the next weeks

- Fragmentation of Access-Accept
  - To be completed prior next IETF meeting