RESTENA

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Dynamic RADIUS server discovery

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(remotely)

Status of draft

- New rev -03
- Defined S-NAPTR App Protocol tags
  - radius.tls
  - radius.dtls
- (rumors that a very similar approach by dime led to IESG discussions – why?)
- Defined S-NAPTR Service tags
  - aaa+auth
  - aaa+acct
  - aaa+dynauth

Status(2)

- Open: fallback algorithm in absence of NAPTRs

- Would be SRV lookups
  - Loses service tag granularity **or**
  - Define six(!) services
    - _radiustls._tcp
    - _radaccttls._tcp
    - _raddynauthtls._tcp
    - _radiusdtls._udp
    - _radacctdtls._udp
    - _raddynauthdtls._udp

Deployment

- Dynamic discovery is now in use in eduroam
- (without the fallback)
- Not heavily used, but mostly due to TLS certificate request validation grievances
  - Internal stuff :-(

  Concept shows good promise, some national admins look into larger deployment.

Next steps

- Discuss and agree on SRV tags
- Have a "first" last call?