NAI-based peer discovery
Several open issues:

- Now uses S-NAPTR... this has limitations (3)
- Scope: include Diameter? (4)
- Reference RFC4282? (5)
- Guidance on connection attempts IPv4 vs IPv6
S-NAPTR

- Format: 'nai-roaming:radius.tls'
- Lacks consortium identifier (+application?)
- Ways out:
  - 'nai-roaming.eduroam:radius.tls'
    (needs wildcard subspace @IANA)
  - 'x-eduroam:radius.tls'
    (lame)
- No way to cram in application.
“R-NAPTR“

- Own DDDS application
- 'nai-roaming:DNS-name:prot.trans:appl'

Example:
- nai-roaming:eduroam.org:radius.tls:acct
- nai-roaming:3gpp.org:diam.sctp:1,3,666

Unifies AAA protocols+transports and provides space for application IDs
RFC4282

- Document speaks of NAIs all the time
- Thus should reference RFC4282
- But RFC4282 is broken i18n-wise!

- Re-write interesting parts of it?
IPv6

- NAPTR resolution leads to any combination of A / AAAA records
  - Some stacks give IPv6 preference
  - Some stacks give IPv4 preference
  - Some stacks try both and take the winner

- Proposal: not our business, stay out of this