

NAI (4282bis)

RADEXT - IETF 82

Why?

- RFC 4282 is referenced in many places
- EAP, RADIUS, now abfab
 - NAI is a MUST for abfab
- 4282 not 8-bit clean.
- EAP and RADIUS are 8-bit clean

Even more why

- 4282 requires that intermediate nodes (proxies) mangle the NAI
 - Create normal form
 - Perform code point filtering
- DNS affects EAP and RADIUS? Why?
 - ToAscii is for DNS lookups...

The best reason

- No one implements any of the requirements of RFC 4282

4282 is blocking progress



The solution: 4282bis

- The document has one proposal:
 - Realms *MUST* be of the form that can be registered as a Fully Qualified Domain Name (FQDN) within the DNS name system.
- Pretty much everything else from 4282 is gone.
- The rest of the document explains why

The results

- This change allows new documents (abfab) to be compatible with existing practice
- This change is compatible with precis
- Has no effect on any other specification
- Has no new normative requirements on implementations

Discussion?