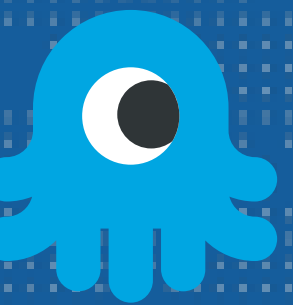


eap.arpa

NON-ROUTABLE REALM

ALAN DEKOK IETF 119



EAP.ARPA

- ▶ We have eap-noob@arpa
- ▶ We have EAP-TLS and server unauthenticated mode
 - ▶ No discussion of how it works
 - ▶ No discussion of how we signal this mode
- ▶ A number of drafts are now proposing provisioning flows for EAP
 - ▶ Let's use a common domain



WHY EAP.ARPA?

- ▶ We need a special domain
 - ▶ Under IETF change control
 - ▶ Not routable via RADIUS proxying
 - ▶ Compatible with existing implementations and behaviors
- ▶ eap.arpa fits all of these requirements
 - ▶ It is fail-safe, in that existing implementations will ignore / reject it



REGISTRIES

- ▶ add eap.arpa to the arpa registry
 - ▶ Needs agreement from the IAB
- ▶ Define new EAP registry for [username@eap.arpa](#)
 - ▶ Does not require IAB agreement
 - ▶ Define a prefix "V-" as vendor self-assignment.
- ▶ Other specifications can define dpp@eap.arpa, portal@eap.arpa, etc.



STATUS

- ▶ Just a proposal
- ▶ Feedback?

