

Fondation RESTENA
IETF-71, Philadelphia, PA, USA



RadSec update

Implementations



- FreeRADIUS: “ it will come in the next year ”
- Cisco has shown interest
(but they wouldn't tell outsiders any details :-)
- conducted failover behaviour tests
 - ❑ radsecproxy outperforms Radiator (reason: Status-Server support)
 - ❑ Status-Server is SHOULD right now
 - ❑ change that to MUST?

eduroam deployment



EU root

NL

LU

DE (+ others)

some insts

prototype
mobile APs

some insts

dynamic discovery: “OpenID for the network?”



■ IF

- ❑ auth domains with realm format as in RFC4282 (@domain.tld)
- ❑ EAP for credential transport
- ❑ RadSec on server or RadSec interface (radsecproxy as client for real server on localhost)
- ❑ dynamic (DNS) server discovery for domain.tld

■ THEN

- ❑ auto routing of auth req to correct home server
- ❑ user-transparent
- ❑ no negotiations between visited and home domain admin needed

I-D



- lots of good feedback on the list
 - consider SCTP?
 - split TCP transport considerations into separate draft?
 - MIB considerations
- make sure PSH flag is set
- if adopted, rewording needed
- is radext the place to go?
- relation with dime/Diameter
 - no conflict anticipated: Diameter takeup mostly in 3GPP market, lack of general-purpose deployments



Thank you!

Questions?