

TLS:eduroam

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eduroam RADIUS tree

- trust fabric
 - transitive trust
- credential routing
 - .eu, .edu,...
- credential transport
 - UDP (problems on bad networks)
 - path length => response time

TLS:eduroam

- EAP/TLS
- authN by the RADIUS at the **VISITED** site

Clients

- X.509 certificates
- Subject CN (=username):

TLS:xxx@realm.domain

RADIUS

- Handle “TLS:” prefixed users locally
- Install trusted CAs' roots
- Download CRLs regularly

(Con)federation

- Manage the accredited CAs' info
 - root certs
 - CRL distribution points
 - CA contacts
 - RA (IdP) Contacts?

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