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eduroam Terms & Conditions

… and their interplay with OpenRoaming

Stefan Winter stefan.winter@restena.lu

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- As an IdP, you probably have rules for your users

  - Typically shown to the user on sign-up

- As an SP, you may have your own rules on what's allowed on your network

- Where IdP == SP, no problem

- Users roam ⬜ two different rule sets

  - How do users learn about the pertinent rules at the SP?

  - Why would they feel inclined to look for those rules anyway?

- The topic of T&Cs at hotspots is not part of global eduroam policy

- (Nor is the topic of T&Cs at IdPs)

- A roaming user may come to your hotspot and use it, not caring about network AUPs at all

- Suggested „meta" T&C for eduroam globally:
  „Usage is subject to the AUPs of the IdP and the SP you visit. The more restrictive of the two applies; go and look up hotspot rules before your visit."

- This would need to be presented to the user (by the IdP) along with ist own AUPs

- So far, forcing end users to see (global) Terms and Conditions was not considered

- Doing so means work for all eduroam IdPs

  - need to change established messaging to end users

  - may need to care about pre-existing users – refresh AUPs due to update

- All of this means a lot of work, for arguable amounts of gain…

- So are we talking about an artificial problem?

- eduroam is working out how to liase/interwork with the … meta-consortium / superstructure „OpenRoaming" by Wireless Broadband Alliance

  - OpenRoaming aims to interconnect arbitrary IdPs and SPs (using technology well-known to eduroam … DNS NAPTR records, PKI, Passpoint)

  - Many challenges on technical level (but those can be overcome)

  - Also paperwork

    - eduroam infrastructure is „Ecosystem Broker", interconnecting IdPs and SPs from eduroam to the rest of the OpenRoaming world)

    - Turns these eduroam IdPs/SPs into OpenRoaming IdPs/SPs

    - There are contracts for IdPs and for SPs (Ecosystem Broker makes sure that all participants have signed/agreed to)

    - There is also a fixed OpenRoaming End User Terms and Conditions
      https://wballiance.com/openroaming/toc-2020/

- OR IdP agreement still in advanced draft and NDAed, but:

- Displaying a specific T&C now is mandatory in real life :-/

- First, an observation: having fixed T&Cs that are valid across all hotspots is actually an asset

  - end users don't have to look for and study (or ignore) the n'th AUP

  - Saves hotspots from the need to design their own

  - (dreaming of a world where eduroam had only one fixed T&C for SPs…)

- If an eduroam IdP wants to be an OpenRoaming IdP,

  - Still has its own AUP, plus

  - needs to inform users of the OR T&Cs

- Since every IdP's AUP are unique, implies administrative work for each

- In eduroam CAT, it would be possible to introuce boilerplate text before allowing user to download installer

    - Point to common generic T&C (e.g. https://wiki.geant.org/display/H2eduroam/Terms+and+Conditions)

    - Require checkbox tick

- Helps those IdPs who use CAT, and let users download directly from main download UI

- IdPs using other onboarding tools or redirect users to custom download page will need to take care about the T&C signoff themselves

Thanks! Thoughts?

- On the technical side, eduroam-the-routing-infrastructure can deliver the RADIUS auth packets from OR hotspots to your IdP server's doorstep

  - either automatically

  - or requiring opt-in in form of a DNS NAPTR record set by the IdP

  - (architectural decision which of the two we want to pursue…)

- IdP has a steer in whether or not his end-user's devices will connect to OR hotspots or not – needs special configuration via onboarding tool of choice

- i.e. unless IdP takes action by making onboarding tool include OR „stuff", no connection will happen (still discussing some corner cases around this)