Policy 2.0

NORDUnet Technical Workshop

Tuesday, 24 September 2019

Why?

- Policy 1.0 is not as concrete as it could be!
    - Modeled on eduroam policy
    - ...and some elements from Security Incident Response Trust Framework for Federated Identity (Sirtfi)
    - Sometimes (too) vague
- Some stuff is missing...

What's New?

- Clear separation between "Institute Access" and "Secure Internet"

- (Exhaustive) list of requirements when running the server(s)

- Make many things (more) explicit…

- *Only* relevant if you want to be in the eduVPN apps

Institute Access

- Very few requirements, most is up to the organization(s) running it to decide!

- ...but, security updates MUST be installed periodically (once a week)

- ...be a member of the `eduvpn-deploy@` mailing list...

  - ... the person responsible for the eduVPN server MUST read the mails and act on them when required... If not clear, ask!

Secure Internet

- #include "Institute Access"

- MUST use eduPersonTargetedID or Pairwise Subject ID

- MUST provide IPv4 and IPv6 connectivity to clients

- MUST use public IP addresses

- MUST provide documentation on which (if any) traffic is restricted, and for what purpose

- MUST allow connections over at least UDP/443 and TCP/443

Public IP Addresses

- Yeah we know…

- …but if you don't do this…
  - … you take on the burden of keeping a NAT log to be able to respond to abuse complaint(s)

- Many NRENs have lots of (spare) IPv4 addresses… maybe ask other NRENs to transfer some for the purpose of eduVPN if you ran out? :-)

Abuse

- We finally had an abuse complaint for a Dutch user using the Dutch eduVPN server

- …we used the "Log" in the eduVPN admin panel to figure out the user identifier…

- …as it was a "pseudonym" we only knew the originating organization…

- …referred the complaint to the originating organization to have them deal with it…

- …we never knew (or had to know) the identity of the user involved!

Questions?

- Contact
    - eduvpn-support@lists.geant.org
- Twitter
    - https://twitter.com/eduvpn_org
- Web
    - https://www.eduvpn.org/