

A large, stylized red telephone handset icon is centered on the slide. The handset is shown from a top-down perspective, with the receiver at the top and the base at the bottom. The receiver has two curved earpieces. The base has a circular dial area. The entire icon is rendered in a solid red color against a black background. The text 'BOFH' is overlaid on the dial area, and 'EDUwhitelist for e-mail' is overlaid on the base area. A red arrow points from the base of the handset towards the bottom right of the slide.

**BOFH**

**EDUwhitelist for e-mail**

March 3<sup>rd</sup> 2010 – SWITCH – Zürich, CH  
JP Velders – UvA & SURFcert



# EDUwhitelist

- DNS based list
- Primary goals:
  - Reduce *negative impact* of anti-Spam
  - Allow e-mail to remain viable in the EDU world
  - Raise awareness
- Secondary goals:
  - Be integrated in larger *non-EDU* initiatives
  - Prove that it ***can*** be done for larger communities



# E-mail and DNSwl's

- Academic world was the origin of e-mail
- It would change drastically without e-mail
- No sense in blocking \$BadCountry
- Large mailfilter setups (SURFmailfilter etc.)
- Whitelisting infrastructure:
  - could benefit the academic community greatly
  - NREN's already have most of the info/contacts !



# Policy (1)

- V0.3, written in 2006 (!)
- Gives some tangible assurances
- No “free meal”
- NREN/CSIRT
  - Update details
  - Respond adequately
  - Take measures when needed
  - Existing structure, trust and abuse handling !



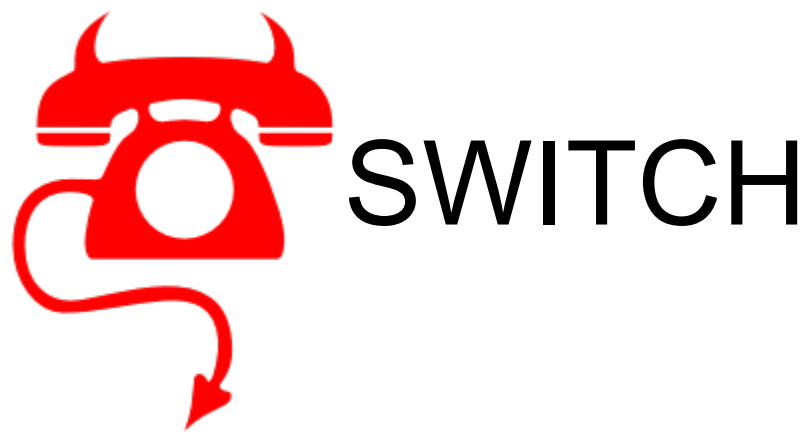
## Policy (2)

- Constituent:
  - Be pro-active
  - Take complaints seriously
  - Keep information up-to-date
  - Good Netizen-ship
  - Configure mailservers to some sane defaults
  - Not too difficult !
  - But not too easy !



## Work so far

- From Proof of Concept into Test
- <http://www.eduwhitelist.net/>
- Small Postfix daemon / implementation
- Uses a CSIRT + constituent model
- Small & simple PHP+SQL front/backend
- Contains IPv6 data
- RFC 5782



# SWITCH

- Early adopters from constituency:
  - SWITCH self (including IPv6 entries !)
  - University of Neuchatel
  - University of Basel
  - Université de Lausanne
- Room for more !
- Contact SWITCH / SWITCH-CERT



# Discussion

- Feedback from (actual) use solicited !
- Multi-NREN /TERENA Infrastructure ?
- Example for regular ISP CSIRT's ?
- What is lacking / needed / wanted ?



JP Velders <[J.P.Velders@UvA.NL](mailto:J.P.Velders@UvA.NL)>  
UvA & SURFcert