Filling the gap between Authentication and Spam-protection

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Authentication is just the 1ˢᵗ step

- Authentication works against forgery, not against spam

- No alternative to Authentication yet

- **Holding so. liable requires authentication!**

- **Disposable Domains?**

1. Authentication

2. Liability

Why there is no global 2nd step

- ~ 250 countries

- Different legislations, mentalities

- Different definitions of identity

- Different ideas of privacy, reputation

- Don't expect a country tolerating drug dealers and terrorists to prosecute spammers

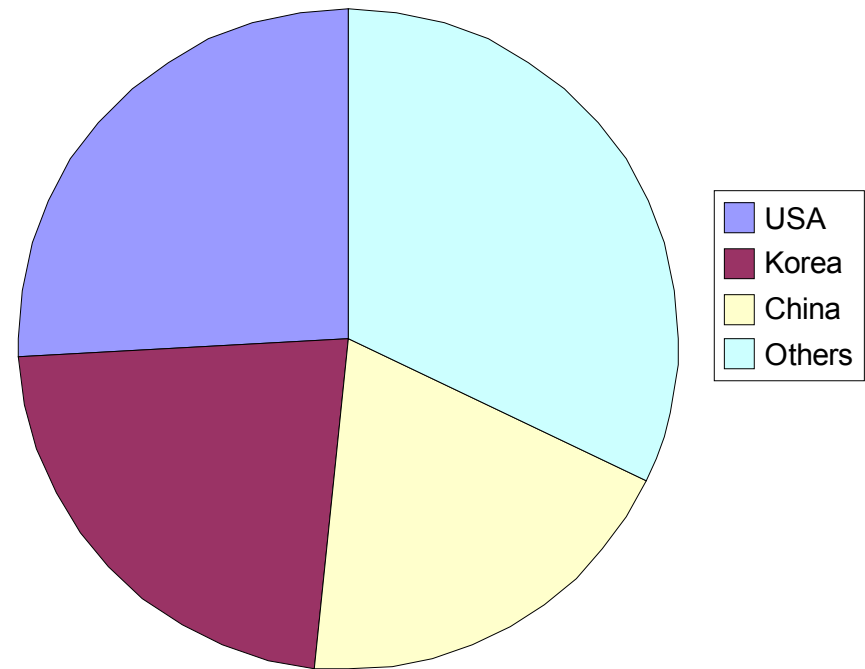- ***No global way to hold spammers liable***

Countries by Sender's IP

31387 Spams in 14 months

http://countries.nerd.dk

USA	25.8 %
Korea	22.7 %
China	19.6 %
Taiwan	3.5 %
Brazil	3.0 %
Canada	2.7 %
Spain	1.8 %
Japan	1.7 %
Netherlands	1.5 %

The top three

Legend: USA, Korea, China, Others

Proposal: **Block mail *from* gTLDs**

- gTLD for WWW and receiving mail only

- @company.com -> @company.us or @company.com.us

- restrict ccTLDs to locals under jurisdiction

1. Authentication

ccTLDs

2. Liability

Country-specific Liability?

- Some countries do it well, some don't

- Some tolerate drug dealers and terrorists

- *Every Admin has to find an individual policy how to treat the different countries*

- *Only ~250 countries, not growing*

- *No disposable countries known yet*

- ***Spam-protection becomes economically important for countries and governments***