

NetherNordic SLCS/MICS

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NetherNordic?

Denmark, Finland, Netherlands, Norway,
Sweden

- national grids
- national AuthN federations
- NDGF

- TERENA
- Work started in 2007

Goal

- Establish a shared SLCS/MICS service that:
 - gives users grid certificates within 5 minutes without further hassle if they have a federation account
 - allows users to 'try' the grid
 - allows for scaling up the number of grid users significantly
- euGridPMA accreditation according to current rules
- open for other countries with federations

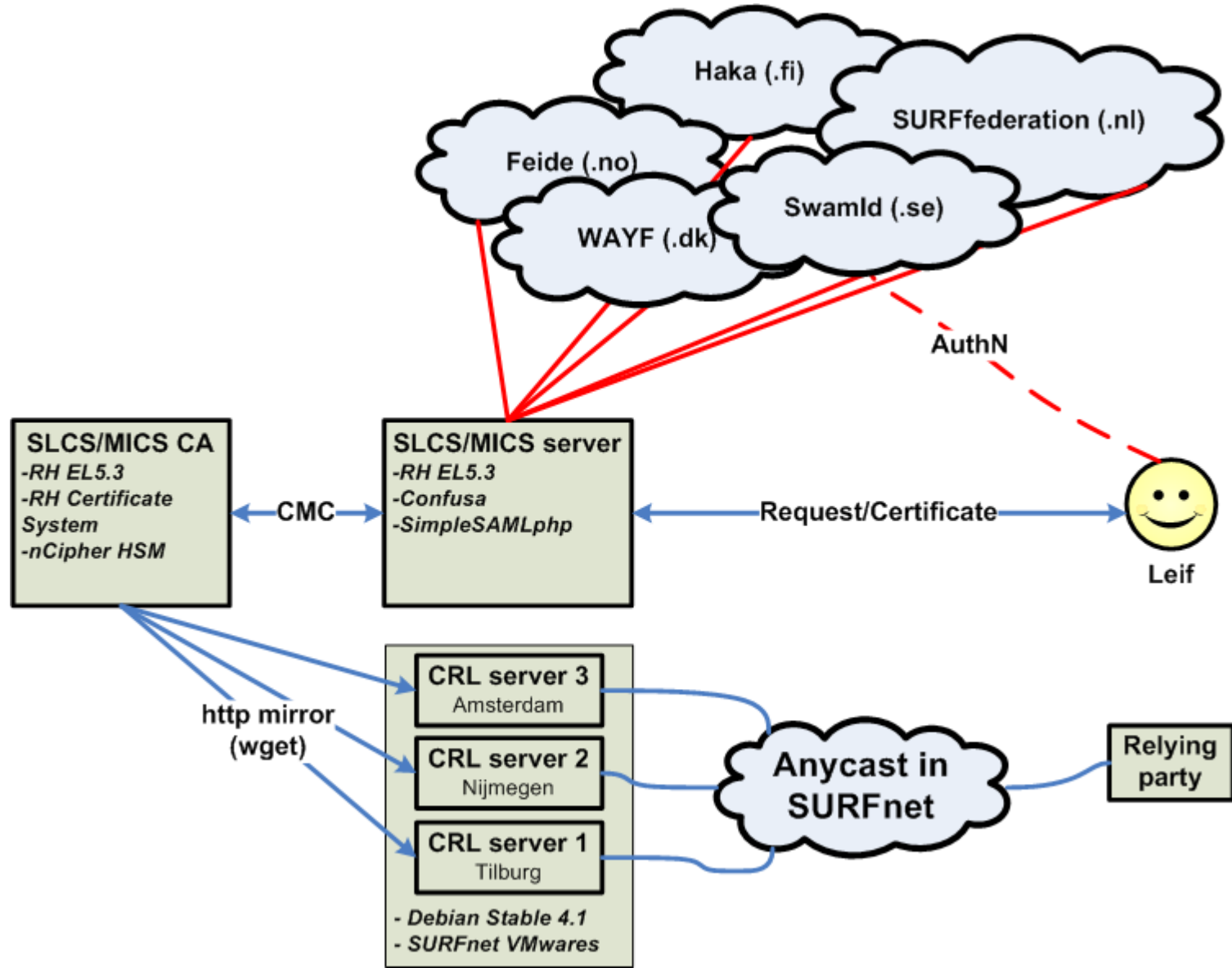
Why?

- Share operational cost and effort (!)
- Continued operational PKI skills only needed at one place
- Politically correct
- How many SLCS-CAs does Europe need ;)

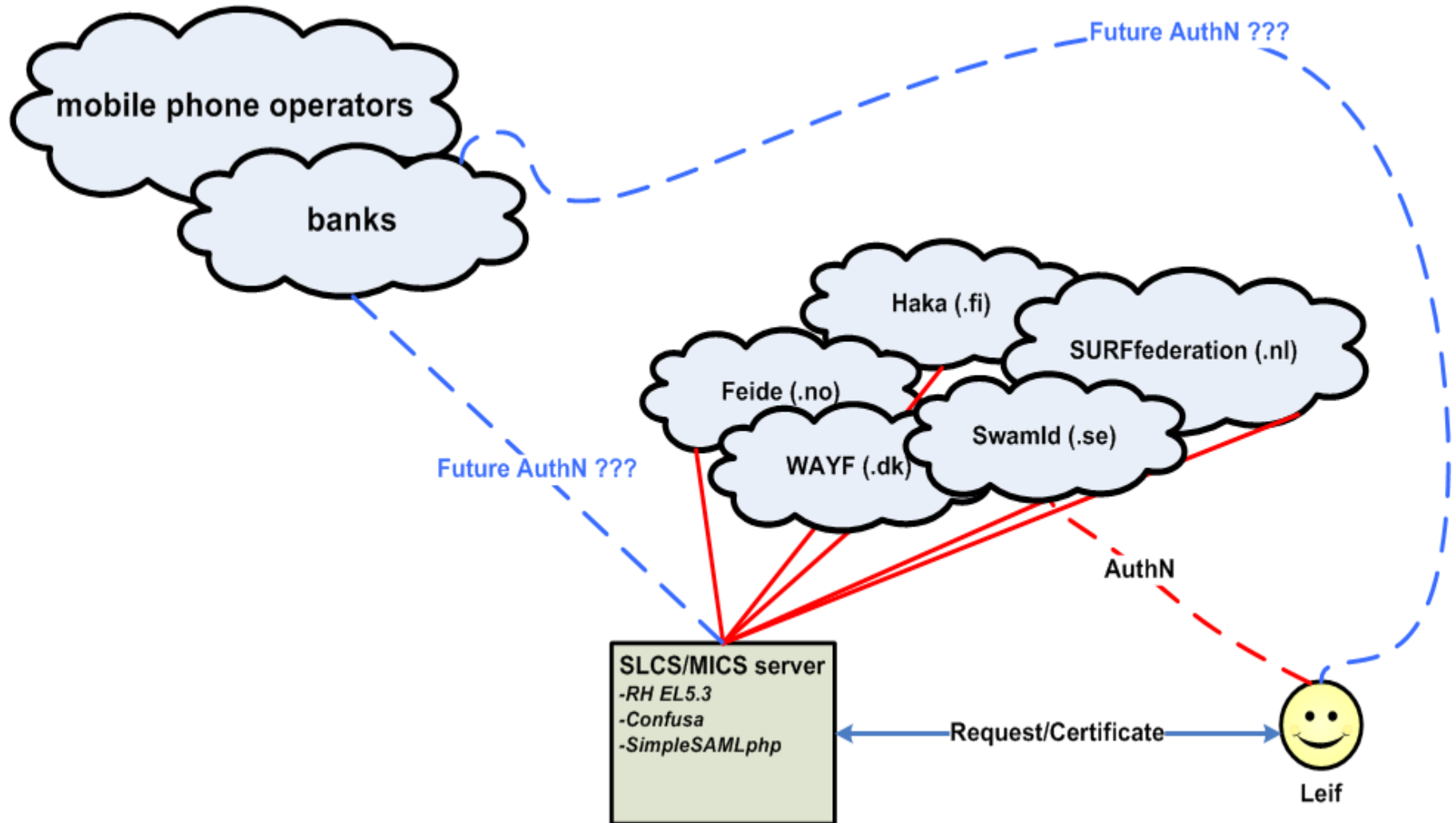
SLCS and MICS and feds

- Combined SLCS & MICS service
- Use specific federation attribute to decide on SLCS or MICS eligibility

How? Phaze I tech



Future?





Who?

- Teun Nijssen, Tilburg University (via SURFnet)
 - CA + SLCS/MICS server ops, CPS, euGridPMA accreditation maintenance
- Henrik Austad, UNINETT Sigma
 - Confusa development
- Leif Johanssen, SUnet
 - Federation issues
- Licia Florio, TERENA
 - Anchor the service for others to join
- me: project management, PKI PoC, CPS

Timelines

- March: finalise technical PoC
- April: write CPS, figure out federation issues, establish production environment
- May: Submit CPS to euGridPMA for review
- June: Production ready?

My questions

- SLCS-RA: adding RA to federation kinda defeats purpose? What about adding an extra layer of AuthN (like SMS)
- AuthZ?
- Differentiate between students and staff?
- Best way to embed multiple federations in CP/CPS?
- Kalmar union?
- CA chain?
 - SLCS-CA, MICS-CA, SLCS & MICS CA?
 - Offline root?
- Grid software, CRLs, designated CRL signer?
- How far is Grid software with OCSP?
- Policy: use same CA hard/software for other CAs?
- How to handle countries joining later?