

Next Generation Trust Infrastructures

TF-MNM 30 - Vienna



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Scalable 2-factor AuthN

- **You can find the report at:**

`http://www.surfnet.nl/Documents/rapport_Step-up_Authentication-as-a-Service_Architecture_and_Procedures_final.pdf`

- **Planning**

- **Q1 2013 - Investigate options**

- **Cloud based solution**

- **Develop a solution**

- **Cooperation (You?!)**

- **Q3 2013 - Pilot**

Technology Scouting (1)

- **We circulated a call for input for a technology scouting into Next Generation Trust Infrastructures**
- **Thank you for all the responses!**
- **We had an internal “wisdom-of-the-crowd” session to scope the actual research**

Technology Scouting (2)

We picked 5 topics to cover in more detail:

- 1. Context-based trust**
- 2. Web-of-trust/transitive trust**
(also covers Moonshot Trust Router, Convergence)
- 3. Formal policies (e.g. TOS-DR)**
- 4. Trust-on-first-use (TOFU)**
(also covers DANE, TACK, etc.)
- 5. Accreditation / certification**

deadline: before end of Q2

Other work this year

- **Reprise: scalability of trust (Q4)**

- We covered this in 2009, involved things like interfederation, trust establishment via DNS, etc.
- Would like to revisit this issue to see how the landscape has changed

- **Future of Identity (Q3)**

- Will cover things like Bring-Your-Own-Identity, impact of virtual organisations on IDM, using other trust frameworks instead of our academic federation (e.g. government eID frameworks), etc.

- **Testing novel technologies (Q1-Q4)**

- Ideas are: browser-based cryptography, trusted platforms (IPT, ARM Trustzone), ...



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Vragen? Opmerkingen?