WHY WE’RE BUILDING YET ANOTHER...

About SURF’s ‘collab.mgt system’ PoC
SURFconext – Dutch identity federation - hub

### USAGE

**NUMBER OF UNIQUE LOG-INS**

- 2014: 37 million
- 2015: 53 million
- 2016: 68 million
- 2017: 90 million
- 2018: 118 million

Increase of 50%

### SERVICES

**NUMBER OF SERVICE PROVIDERS**

- 2014: 326
- 2015: 423
- 2016: 470
- 2017: 730
- 2018: 970

Increase of 240

**NUMBER OF IDENTITY PROVIDERS**

- 2014: 120
- 2015: 134
- 2016: 141
- 2017: 154
- 2018: 164

Increase of 10
Dutch research institutions and researchers

- 25,000 Researchers In total
- 6,000 Professors
- 10,000 PhDs
- 6,500 Postdocs

The Netherlands Association of Universities of Applied Sciences
The Netherlands Organisation for Scientific Research / The Royal Netherlands Academy of Arts and Sciences
Association of universities in the Netherlands
The Netherlands Federation of University Medical Centres
SCZ – BPA - standards based, ‘hosted’, solution

- **AARC BPA** > SCZ (Science Collaboration Zone)
- Standards based (BPA, **LDAP**, OIDC, SAML)
- End 2017/begin 2018 started building pilot environment with:
  - COmanage
  - **SATOSA**
  - pyFF
  - **LSC** (LDAP sync)
  - CMservice
- NL is using SCZ/COmanage in a -as-a-Service way
- We want a solution that non-tech CO-admins can use
Science Collaboration Zone (SCZ) – Pilots – 2018...

- Currently ca 12 pilot partners
- Project intensifies relations of NREN with researchers, institutions, CO’s and research SP’s
- Different use cases: inter-institution, international, HPC, XNAT, Azure, VM’s, data, iRODS...
- Several partners expressed they rather go to production today and would rather not have to wait for full service development ...
Video’s & DIY demo

2 video’s of example (!) solutions:

We also have a DIY demo:

- Go to https://wiki.surfnet.nl/display/SCZ/Demo
- Read & follow (!!!) the DIY demo steps/manual...
Findings of pilots - UX

- Feedback from institutions: complex COmanage UI/UX for CO admins, hard UX/UI for end users
- UX study conducted, interviewing 5 pilot institutions & design drawn up
- Summer 2018: discussed possibilities with COmanage devs for a UX geared towards our needs & use cases (separate engine and UI, making COmanage API-based?)
- CO-templating introduced in COmanage
- But: we concluded it will take too long for our pilot timeline to wait and see whether COmanage will be able to offer what our institutions want UX wize
- Decision: see whether our experienced dev, based on several available components, can whip up a Collaboration Management System geared towards our use case
What we ideally want

- Use the strengths of COmanage > that’s why we started out our project with it
- Cooperate in an international shared solution (SURFnet has contributed to COmanage)
- A (simple, pleasant, flexible (API-based)) UX for CO admins in our Dutch as-a-service set-up
- Not:
  - compete/ make a COmanage copy / replacement
  - having to maintain our own system
- SCZ roadmap (to and from point of production ready service) still to be decided
  - Start with GÉANT, eduTEAMS, SBS, COmanage...?
  - At some point switch to eduTEAMS, SBS, COmanage...?

We are still talking to the COmanage devs...
https://sbs.pilot.scz.lab.surf.nl/home?lang=en
Ballooning requirements, obligate XKCD warning

**Situation:** There are 14 competing standards.

14?! Ridiculous! We need to develop one universal standard that covers everyone's use cases. Yeah!

**Soon:**

**Situation:** There are 15 competing standards.
Anyway ... some current struggles

- Policy framework

- Gap between researchers and central IT (have researchers been doing IT themselves?)
More info

- PoC of New collaboration Management System: https://sbs.pilot.scz.lab.surf.nl/home?lang=en (WiP!)
- GitHub of PoC: https://github.com/SURFscz/SBS
- UX study designs: https://wiki.surfnet.nl/display/SCZ/SamenwerkingBeheerSysteem+-SBS#SamenwerkingBeheerSysteem-SBS-Flows
- Wiki about Science Collaboration Zone: https://wiki.surfnet.nl/display/SCZ
- Science Collaboration Zone sources: https://github.com/SURFscz/SCZ-deploy/
GREENER GRASS?

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