

Interfederation

Getting ready to cross borders



SWITCH

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Interfederation Crash Course
Bern, 1. March 2013

Internationalization

Many established **national** Identity Federations

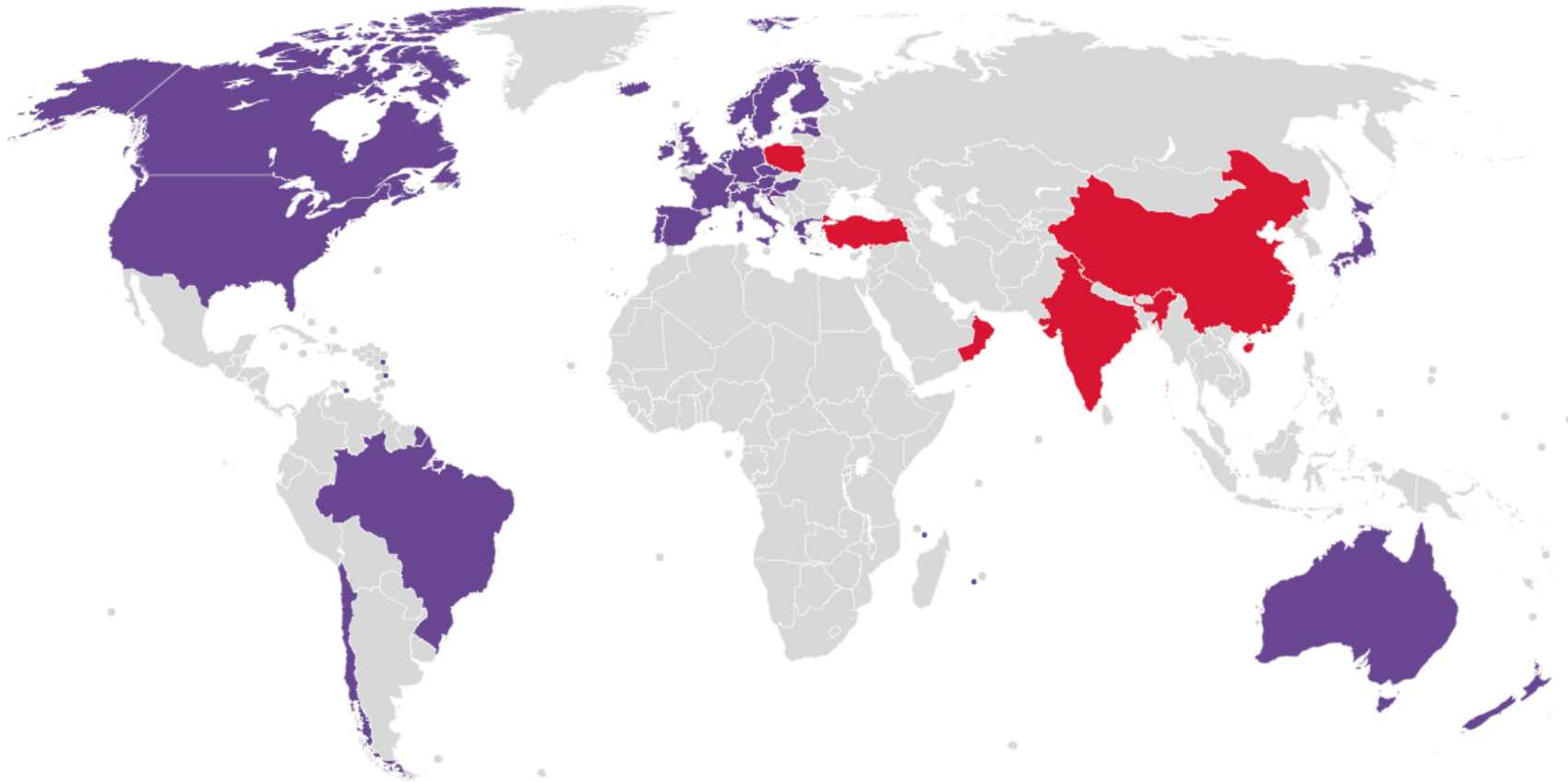
- but research projects are **international**
- but content publishers' customers are **international**
- but audience of research wikis and blogs is **international**



Interconnecting national federations → Interfederation

- Interfederation service facilitates international research collaboration
- Content publishers can offer their services without concluding contracts with each single federation

Identity Federations of the World



■ In production

■ In pilot

(Last update: January 2013)

Getting ready for the future

- Today
 - SWITCHaai is mostly bound to CH/LI borders
 - Exception
 - International Federation Partners (mostly content publishers)
 - Foreign users in the Virtual Home Organization (VHO)
(usually already have an account in their local federation)
 - Many national AAI's in place
- With interfederation we are able to cross the borders
 - Swiss users are able to access opted-in foreign SPs
 - Foreign users are able to access opted-in Swiss SPs
 - Single Sign-On across federations
- eduGAIN from GÉANT3 is the first interfederation service SWITCHaai co-operates with
 - Others might follow



What's different with interfederation?

- No longer a single legal or policy framework
 - Each federation has its own
 - eduGAIN has one as well [1]
- No single 'interfederation helpdesk' in case of problems
 - Debugging involves probably more parties
 - Involved parties will generally know less about each other
- Different sets of attributes used internationally
 - e.g. no studyLevel or studyBranch attributes

[1] <http://www.geant.net/service/edugain/resources>