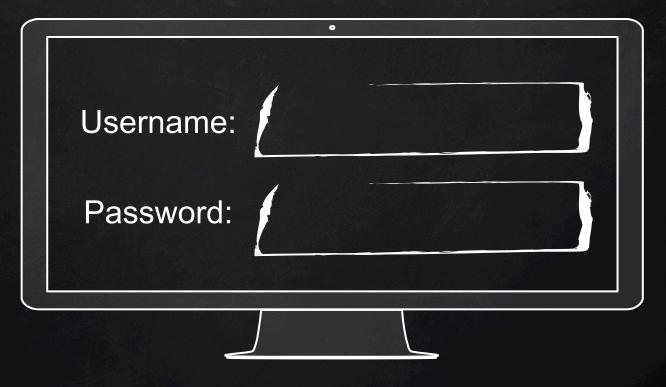
# Can I see your ID?





<person>

<name>Jane Smith</name> <title>Dr</title> <birth place>UK</birth place> <shoe size>39</shoe size> <job>Electrician</job> <salary>\$100,000</salary> <passport>26391393</passport> </person>



# Traditional Online Identity

- ✗ Bits of identity scattered through the web
- X Very different idea of "me"
- ✗ 100s of username and password pairs



## Social Identity

- **X** Credibility is key!
- Increasing ability to unify accounts, e.g. create a tripadvisor account from your Gmail

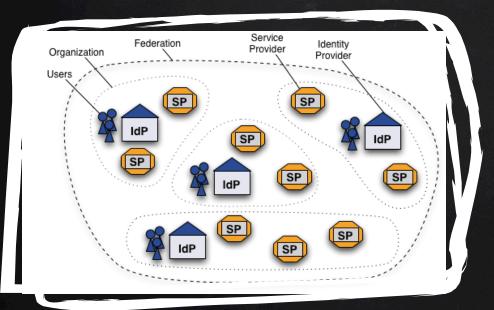


**Donald J. Trum** S @realDonaldTrump

#MakeAmericaGreatAgain #Trump2016 #Facebook: facebook.com/DonaldTrump #Instagram:

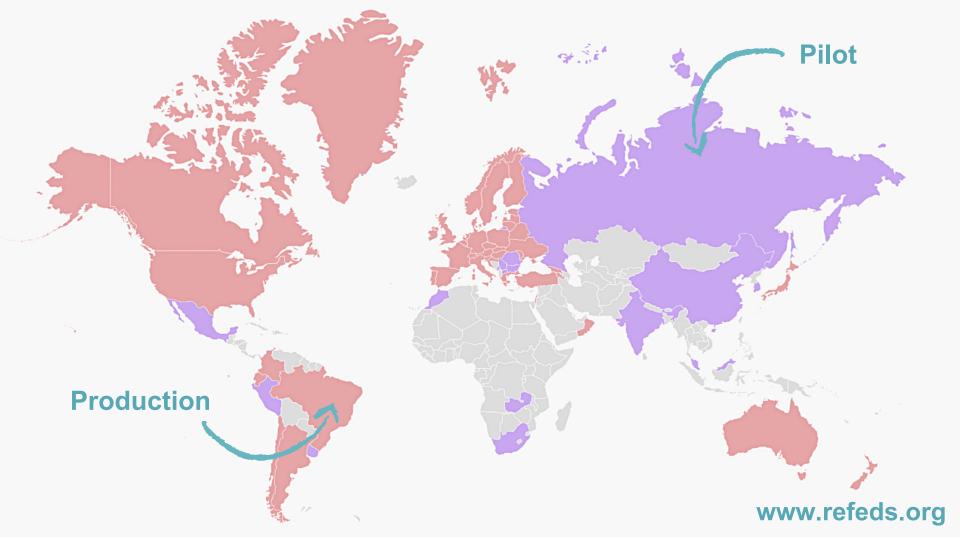
instagram.com/realdonaldtrum...

## R&E Federated Identity



- ✗ Your research identity is evolving
- Home Organisation "knows you best", they provide the credibility
- Leveraging trusted relationships to form national federations

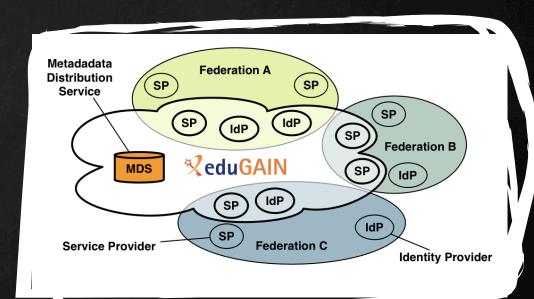
www.switch.ch





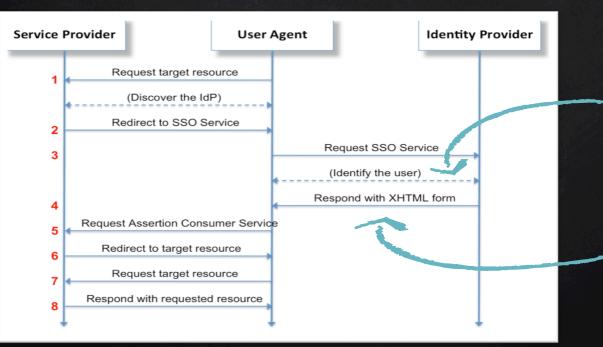
### And then...

- X Open access worldwide!
- eduGAIN acts as a broker to distribute participant metadata and facilitate secure authentication



#### http://services.geant.net/edugain





You only give your password to your home organisation!

XML packets are signed by IdP

# What are we doing at CERN?

- Part of the SwissFederation & eduGAIN
- Can log in to CERN SSO from an external university
- Can use your CERN account to log in to R&E services worldwide

CERN Accelerating science		Sign in Directory
	CERN Single Sign-On Sign in with a CERN account, a Federation account or a public service account	
	Sign in with your CERN account	
	Reminder: you have agreed to comply with the CERN computing rules	
	Use credentials Username or Email address Password	
	hstool Sign in	
	Remember Username or Email Address Need password help ?	
	Use one-click authentication	
	Sign in using your current Windows/Kerberos credentials (autologon) Use your current authentication token. You need Internet Explorer on CERN Windows or Firefox on SLC (Firefox hip brank).	
	Sign in using your Certificate (autologon) Use a EuGridPMA trusted certificate. Don't forget to first map your Certificate to your CERN Account.	
	Use strong two factor authentication [show]	
	Sign in with a public service account	
	Facebook, Google, Live, etc. Authenticate using an external account provider such as Facebook, Google, Live, Yahoo, Orange.	
	Sign in with your organization or institution account	
	ReduCARY Enter the name of the organisation you are affiliated with	



What can I do with my CERN account?
 **X** Try FoodI, the "Federated Doodle" to organise your next meeting <a href="https://foodl.org">https://foodl.org</a>

#### Learn more!

<u>https://www.switch.ch/aai/support/</u> presentations/crash-course-2013/ InterFed\_eduGAIN.pdf Your Apps **X** Enable SSO

https://espace.cern.ch/authentication/ default.aspx

Where is CERN involved?

- **×** REFEDS
- **✗** FIM4R
- ✗ EU Projects (AARC, HNSciCloud)





## Any questions?

You can find me at @hannah.short08 hannah.short@cern.ch

### Credits

Special thanks to all the people who made and released these awesome resources for free:

Presentation template by <u>SlidesCarnival</u>