

'eduID' business case

TERENA REFEDS working group meeting

Matt Shreeve

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Objective - a business case for 'eduID'?



- Persuasive and coherent argument to show a particular course of action is worthwhile
 - Based on the recommendations of the Service Provider Interface study
 - Help build community consensus
- By end of July 2010



First up...

- What is 'eduID' proposal trying to solve / do?
- Lots of user interface and experience problems
- Lots of active work in this area



User interface difficulties

- Multitude of locations in process of where to log on (across different sites)
- Locations and descriptors can be inconsistent on the same site
- Some users do not know they have credentials that can be used
- Text-only descriptors are less effective than logos for quick recognition
- Multitude of locations on page of where to log on (across different sites)
- Multitude of descriptors for identifying where to log on (across different sites)
- Difficulty of knowing whether you're already authenticated/authorised by IP address on some sites
- Some users have credentials for multiple authentication mechanisms and don't know which to use where



User interface difficulties (2)

- Multitude of log on mechanisms on many sites
- Multitude of possible federations on many sites
- Multitude of possible IdPs in most federations
- Lack of diagnostic information in authorisation failure
- Difficulty of knowing whether you're already logged on many sites
- Users expectations increasingly set by other authentication mechanisms (Google, Facebook et al)



Other current initiatives

- Universal Login User Experience WG (ULX WG)
- UK federation WAYF improvements
- Internet2 Discovery Service 2.0 Roadmap
- eduGain
- Project Moonshot
- NISO SSO Working Group
- Google's federated login research

- Any overlap with the scope of 'eduID'? Any duplication or conflict of efforts?



Figuring out the overlap

	'eduID'	ULX WG	Internet2 DS 2.0 Roadmap	Project Moonshot
Difficulty 1	✓		?	
Difficulty 2	?			?
Difficulty 3	✓	✓		
Difficulty 4		?	✓	
Difficulty 5		✓	✓	✓
...				
Difficulty n				



Stakeholders

- Top-level groupings
 - Users
 - Service providers
 - NRENs/federations
 - Institutions
- Different objectives, potential benefits, costs incurred, etc
 - All need a 'business case'



Assumptions?

- Start with a small group of committed federations
 - ‘Soft’ launch as brand gets used
- WAYF improvements will be done
- Adopt whatever unified single sign-on approach emerges
 - 3 – 5 years?



Proposed options - I

- Baseline – do nothing
 - Continue as now
- Do minimum
 - Enhance / encourage / enforce current recommendations
 - E.g. UK's 'institutional log-in' advisory
- Create 'eduID'
 - Brand and guidelines
 - Variations
 - Start with academic publishers only
 - Start with all services covered by academic federations



Proposed options - II

- Create a brand with a wider scope than eduID
 - SAML-level brand or platform for a suite of brands (eduID, govID, healthID, etc)
 - I.e. scope larger than education and research in schools, FEIs and HEIs
- Put everything into developing unified single sign-on approach
 - Accelerated schedule
 - Campaign for universal adoption
 - Adopt when available
 - 2 – 3 years?



Assessment of options

- Strategic drivers
- Best combination of benefits, costs and risks
- Technically viable
- Viable consensus
- Affordable

- Assessed by judgement panel?



You can help by informing us

- Advise on context and related initiatives
- Advise on the right set of options
- Advise on benefits, costs and risks
- Identify available evidence

- Later today, tomorrow morning (before 10am)
- geoff.curtis@curtiscartwright.co.uk

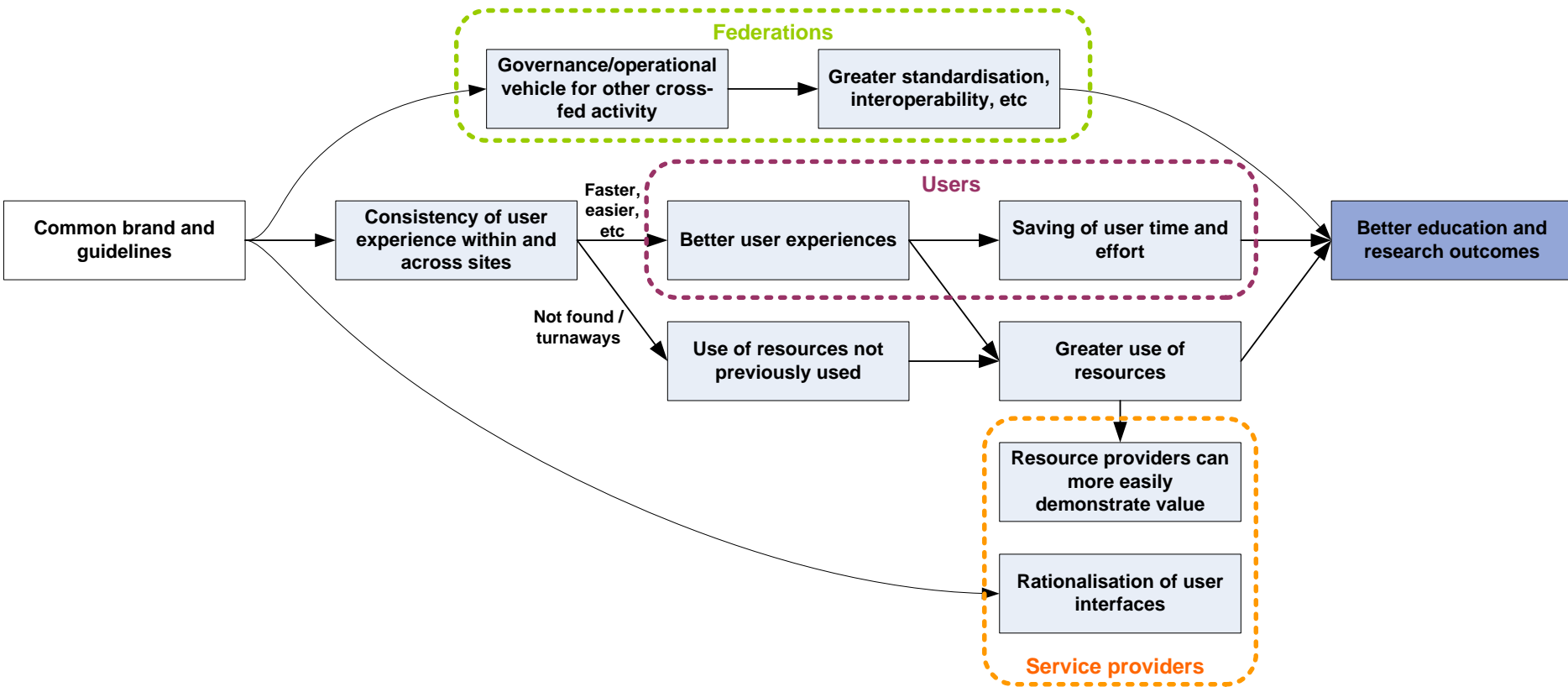


Example benefits map

Enablers

Intermediate benefits

End benefits





Starter questions

- How urgent an issue is this for you?
- What are the options and scope?
- What barriers do you foresee?
- Would your Service Providers want it?
- Are there any unintended consequences of doing this?
- How would decisions on branding be made?
- Is it better to wait for a 'full' solution to the discovery problem?