

Persistent Identifiers



SWITCH

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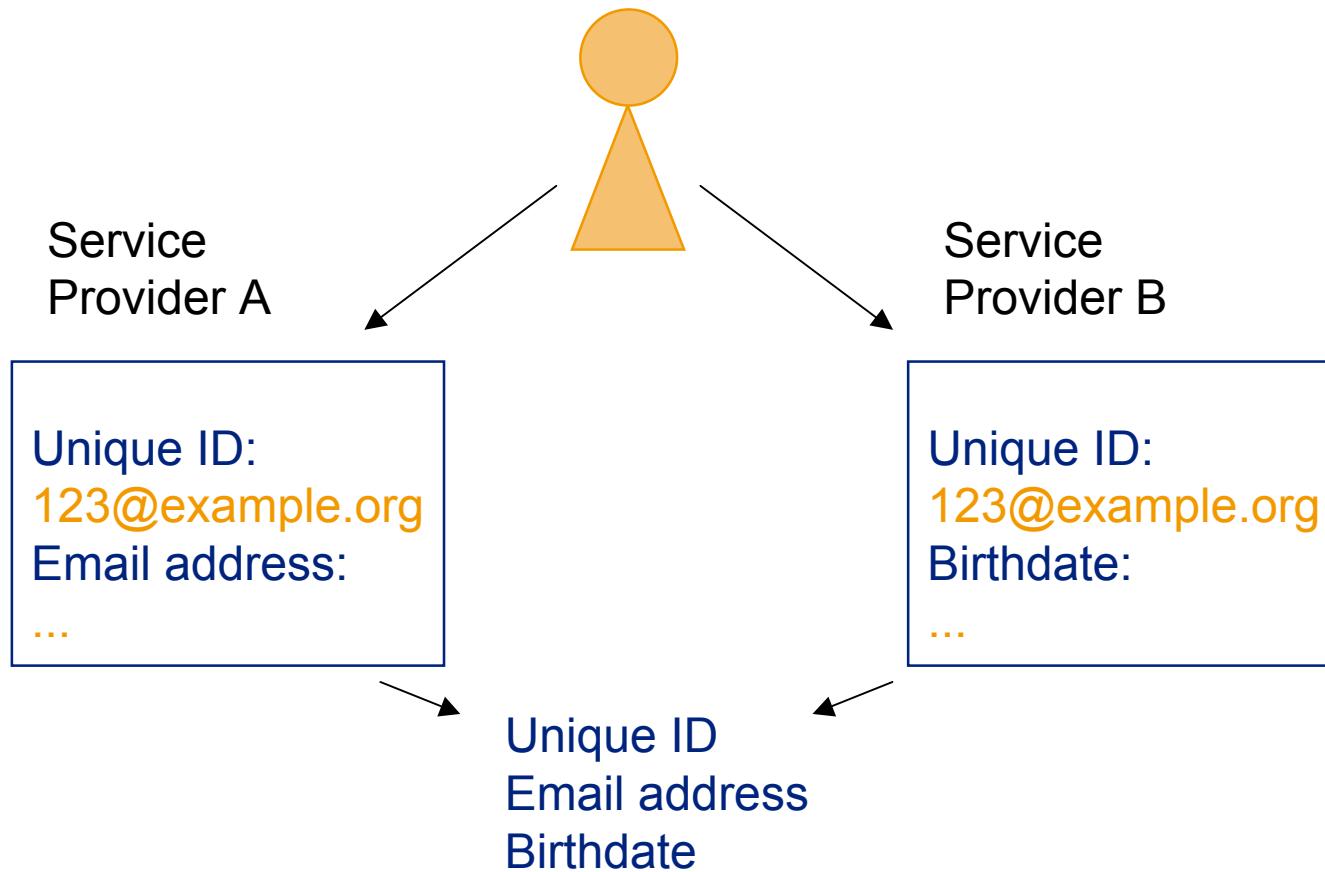
Bern, 15. June 2010

Privacy

- Data protection laws:
Only request data necessary to deliver service
- Interest of (commercial) providers:
Get as much data as possible!
- Information about consumers is worth money!

1 + 1 = 3

- Using account linking, the data is worth even more.



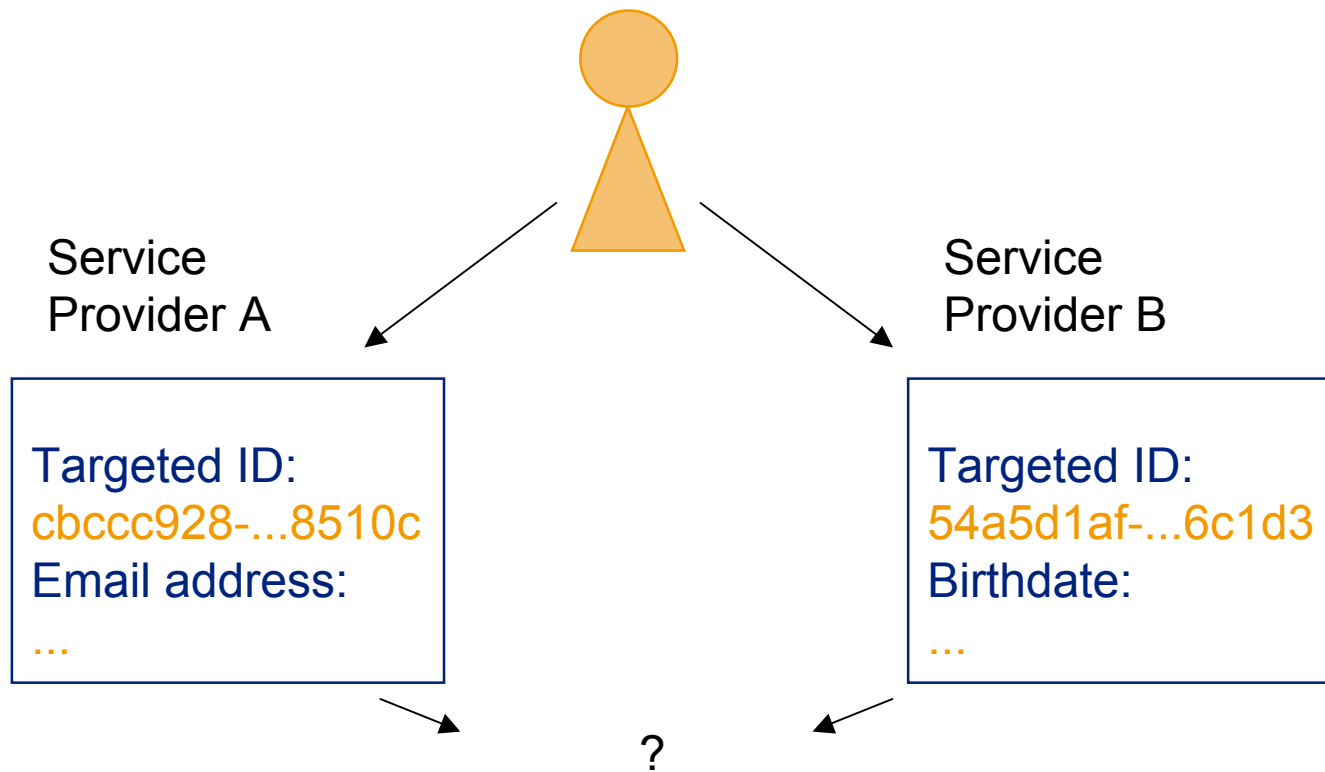
eduPersonTargetedID

Example Targeted ID

`https://idp.example.org/idp/shibboleth!`

`https://sp.example.org/shibboleth!`

`f74698d6-854c-480c-b566-702006318cc3c`



Persistent IDs in IdP2

- How to configure?
Included in our IdP 2 deployment guides
- The identifier is generated by the “storedID” data connector
 - First ID is a hash of: relying Party ID, IdP ID, salt
 - Subsequent IDs are UUIDs (random)
 - IDs stored in a database
 - IDs are revokable
- The persistent ID is released as the eduPersonTargetedID attribute

swissEduPersonUniqueID vs eduPersonTargetedID (persistent ID)

Properties	Unique ID	Persistent ID
persistent	✓	✓
opaque	✓	✓
scoped	✓	✓
non-reusable	✓	✓
targeted	✗	✓
revokable	✗	✓

Can we have more privacy?