Use Case Categories

Use Cases by Characteristics

Use Case	Brief Desc	Services	Client Relationship	Real-World Person Map?	Local IDM Entry?	Attribute Link?	AuthZ /Registration	Issues/Risks
Anonymous	Providing access with no ongoing user tracking. E.g., based on ePSA or ePE only.	• Surveys • Wireless • Library	• Any	No	No	No	External	
"Open" Affiliates	Non-business affiliates accessing "public" services	• Wikis • Local profiles (library, public services)	• Researchers • External Colleagues	No	No	No	External Personal Invite	
Non-business Affiliates	Individual with local permissions for "non-core business" purposes	• Facilities access • Food services	• Summer camp attendees • Conference attendees	Yes?	Entry, no account	Yes?	Business Invite	
Ad-hoc personal affiliates	Non-business affiliates gaining access to targeted local resources	• Bill Review • Collaboration team • Extension help desk	• Parents • External Researchers • Volunteers	No	No	No	Personal Invite	Should real-world person map be "yes?" We want to know who is accessing targeted local resources.
Business affiliates	Business affiliates with affiliation	• Business Systems • LMSes • Data repositories	• Contractors • External Auditors • Cross-enrolling students • Guest Lecturers • VO members • BYOC	Yes?	Entry, no account	Yes	Business Invite	Does tracking the invitation initiator (local uid) make sense to this id use?
Inbound affiliate	Someone granted temporary access based on external credentials, but expected to migrate to (potentially more-highly vetted) internal credentials at a later point	• Email • Applications (Emp and Student) • File access • Desktop access	• Job applicants • Student applicants	Yes	Yes (but not immediately)	Transitional	Business Invite	
Outbound affiliate	Someone with internal credentials, who is expected to lose access to those credentials (and replace them with an external credential)	• Email • Transcripts • W-2s, Paystubs • Employment Verification	• Alumni • Past Students • Separated Employees • Retirees	Yes	Yes	Yes	Self Linking Business Invite?	
Alternate factor	Using an external ID to provide privilege escalation in certain contexts	• Password Reset • Validate sensitive operations	• Any?	Yes	Yes	???	Self Linking Business Invite	

Legend

Description of terms in the above table

Term	Description	Notes on values
Use Case	Generic name of the category being described	
Brief Desc	Brief Description of Use Case	
Service	List of examples IT services to which this Use Case would provide access	
Client Relationship	Typical business customers; i.e., "who would use this service"	

Real-World Person Map?	Is it important to the local services to know or validate the identity of the person in control of the external credential (as opposed to just validating the credential)?	
Local IDM entry?	Would the local IDM system typically maintain an Identity record describing this individual? (May impact SP- vs IdP- centric solutions)	**Yes** implies an identity and credentials are locally managed. **Entry, no account** implies that there would likely be an identity, but no actual credential managed in the local IDM system
Attribute Link?	Would local IT services expect to leverage attributes from the user's local (IDM-managed) Identity as part of IAM interactions? (May impact SP- vs. IdP-centric solutions)	**Yes** and **No** should be self explanatory **Transitional** implies that initially the permissions may be managed by the local IDM, but eventually there's an expectation that the external credential would be retired in favor of the (eventual) local credential.
AuthZ /Registration	Describes the general mechanism used to authorize the external credential to be used for access in this use case	**External** = Local systems trust external IdP assertions **Personal Invite** = An individual grants access to (individually managed) resources. This could be done in the context of an actual invitation service, "whitelisting" user IDs, or some other local authZ process **Business Invite** = An authorized business agent grants access to (generally broader) resources. As with "Personal Invite", could be done in the context of an invitation service, "whitelisted" IDs, or other process. **Self Configuration** = An individual links two accounts by some approved business mechanism (online, in person or via help desk)
Issues /Risks	Lists both technical impediments to implementing/supporting and the business risk questions ("why we might not be willing to trust these IDs") surrounding this use case.	

What type of APIs would we want to support?