

Federated Entitlements Service

Use Case Number	SHA002
Use Case Name	Federated Group Directory (aka Group Entitlements Service)
Work Package	Shared Services
Stakeholders & Interests	<p>Group Member: Member of Group Group Administrator: Administrator of Group. Person authorised to update group membership and attribute information</p> <p>Federated Group Directory Administrator (AAF operator staff): AAF administrator responsible for configuring access to this service (i.e. enabling Group Administrators to provide information on Group membership at a Federation Level).</p> <p>Basically this service enables attributes to be delivered outside the Federation Members' IdP. (The IdP is likely not authoritative for some information, e.g. VO membership and associated access granted to instruments/services).</p>
Preconditions	<p>There must be a safe method of managing access to this Federation Level directory.</p> <p>IdP Attribute Resolver files need to be configured to source attributes from this federation level directory. It is necessary that the member's UID is the same at their IdP and at the Federation-level entitlements directory</p>
Success Guarantee (Post-conditions)	<p>Attributes delivered to services not only come from the Member's IdP, but from the federation level "group entitlements directory"</p> <p>There are several dimensions: Performing access control to this service (by AAF administrator)</p>
Main Success Scenario (Basic Flow)	<p>CRUD operations on the directory by the Group Administrator</p> <p>IdP Administrator configuring ARPs and resolver configuration files to deliver the user's group attribute to the SP.</p> <p>Shibboleth IdP reads attributes from Federation Group</p>

	Entitlements directory and delivers these to the SP.
Extensions (Alternate Flow)	TBD
Data Items	Most likely eduPersonEntitlements, or a specific attribute to be defined in auEduPerson.
Special Requirements	TBD
Frequency of Occurrence	Depending on particular dimension (see Main Success Scenario), potentially very frequent.
Open Issues	Policy issues in order to deliver this as a trusted service.