

## Metadata Registration Practice Statement

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Federation Name: SIR  
Federation Operator: RedIRIS, Spain  
Federation Web Page: <http://www.rediris.es/sir>

Date of last change: 20110429

### Common Practices

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Metadata in SIR is generated, published and maintained by the federation operator. Currently SPs can connect with the federation through multiple protocols, while IdPs connect through PAPIv1 [1]; the federation operator maintains different views of the metadata depending on the protocol.

All the procedures described below apply to federation participation. For interfederation, an entity must ask the federation operator to publish the appropriate metadata.

### Practices on Identity Provider Registration

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An IdP registering to the federation needs to be manually approved by a team member of the federation operator.

Such approval requires:

- having an affiliation agreement with RedIRIS, which includes the designation of an official representative
- compatibility tests between the IdP and the federation (and installation of ad-hoc software connectors, if necessary)
- implementation of a minimum mandatory set of attributes (and some optional ones, if necessary)
- a completed SIR membership service agreement signed by the official representative of the newly participating institution

Subsequent changes to these elements and attributes require re-approval by the federation operator.

When requesting access to an SP, the federation operator will generate, publish and maintain the appropriate metadata view.

### Practices on Service Provider Registration

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Each SP must be manually approved by the federation operator in order to be registered with the federation.

All SPs must:

- Use any of the supported protocols in SIR
- Pass the compatibility tests between the SP and the federation
- A completed SIR membership service agreement signed by the official

representative of the newly participating institution

It is the duty of the Federation operator to review and approve all the details provided by the SP administrator. In addition, a Federation operator can reject changes or further modify details of an SP before approving it.

After approving the details about a new SP, the user who requested to register it becomes its first SP administrator. An SP administrator can transfer the administration right to further users. Only users with administrator rights for a specific SP are able to request modification on its elements and attributes. Such changes require re-approval by a Federation operator.

#### Additional Rules for Outsourced Service Providers [3]

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An ad-hoc signed Conditions of Use Agreement is required before an Outsourced SP can register with the federation. This Agreement must be signed by the representative(s) of the affiliated institution that has outsourced the service.

It is the duty of the Federation operator to review and approve all the details provided by the representative(s) of the affiliated institution. In addition, a Federation operator can reject changes or further modify details of an Outsourced SP before approving it.

#### Practices regarding metadata modifications

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In SIR, metadata gets modified by a Federation operator on behalf of any entity.

The source for generating federation metadata are existing metadata files per entity, which are aggregated into a single view. The Federation generates per-entity files under request from the entity.

[1] <http://papi.rediris.es/>

[2] <http://www.rediris.es/sir/>

[3] An Outsourced SP typically hosts a service on behalf of an affiliated institution, for example outsourced email on a commercial provider. It does not refer to SPs which own and host the service themselves, being these part of a commercial entity or an affiliated institution