Metadata Flow in eduGAIN

All participating member federations in eduGAIN will produce and consume SAML metadata for and from eduGAIN. In particular, this metadata flow works like this:

- IdP/SP operator from a federation decides to opt-in for eduGAIN.
- Federation operator resp. federation metadata registry adds the entity's metadata to the upstream federation metadata (1).
- eduGAIN MDS aggregates & validates upstream metadata delivered by the participating federations. Then signs and republishes the gathered metadata for consumption by the member federations (2).
- Individual SPs and IdPs should not consume the eduGAIN metadata directly. It is rather recommended that they consume the eduGAIN/interfederation metadata offered by their local federation.
- Federation metadata registry consumes the eduGAIN downstream metadata - click here for an example implementation.
- Removes entities already registered with local federation.
- IdP/SP operator ensures that the entity consumes the interfederation metadata (re)distributed by the local federation (3).