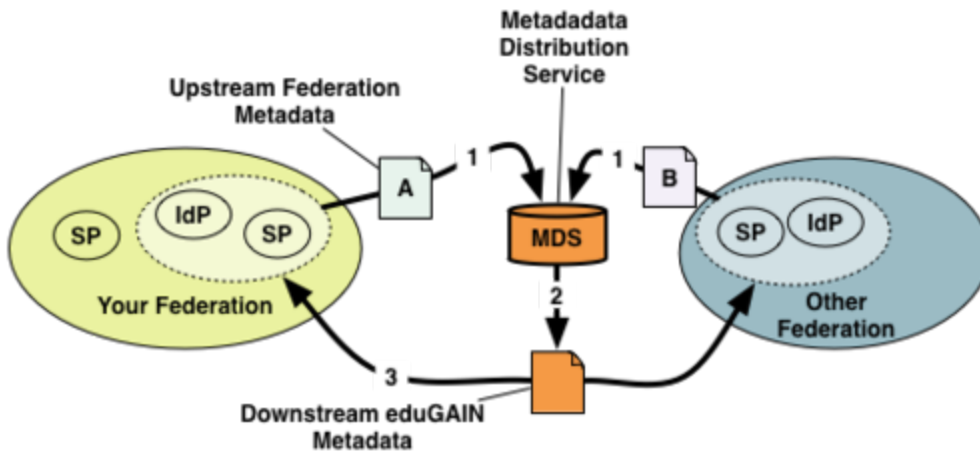


Metadata Flow in eduGAIN

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)