

OMREN Federation Technology Profile

1. Introduction

This document is OMREN Federation Policy Technology Profile which describes how OMREN Federation is made operational using the SAML V2.0 SSO Profile [1].

SAML V2.0 SSO Profile defines a standard that enables Identity Providers and Service Providers to create and use web Single Sign on services using SAML.

2. Requirements

- All SAML metadata MUST fulfill the SAML V2.0 Metadata Interoperability Profile Version 2.0 and optionally Version 1.0
- All identity providers MUST fulfill the Interoperable SAML 2.0 Profile (stable version) [3] and MAY optionally support the Shibboleth SAML 1.1 Profile [4] for interoperability with legacy systems.
- All service providers SHOULD fulfill the Interoperable SAML 2.0 Profile [3] or MAY OPTIONAL support the Shibboleth SAML 1.1 Profile [4]. Changing any such systems to conform with the Interoperable SAML 2.0 Profile as soon as possible is strongly RECOMMENDED.
- All SAML attributes SHOULD be represented using the urn:oasis:names:tc:SAML:2.0:attrname-format:uri Name Format
- All SAML attribute names SHOULD be represented using either the urn:oid or http(s) URI scheme namespaces. Usage of MACE-Dir [5] defined attributes MUST conform to the MACE-Dir SAML Attribute Profiles [6] (or any later version).
- All SAML Service Providers SHOULD implement checks against the Shibboleth Scope Metadata extension when processing scoped attributes.
- All Service Providers and Identity Providers must not rely on any metadata without any limitation on validity. The metadata MUST not be refreshed less than daily.
- All Identity Providers MUST request user consent before delivering attributes.

3. References

[1] <http://docs.oasis-open.org/security/saml/v2.0/saml-profiles-2.0-os.pdf>

[2] <http://docs.oasis-open.org/security/saml/Post2.0/sstc-metadata-iop.pdf>

[3] <http://saml2int.org/>

[4] <https://wiki.shibboleth.net/confluence/download/attachments/2162702/internet2-mace-shibboleth-arch-protocols-200509.pdf>

[5] <http://middleware.internet2.edu/dir/>

[6] <http://middleware.internet2.edu/dir/docs/internet2-mace-dir-saml-attributes-200804.pdf>

[7] https://svn.middleware.georgetown.edu/cpp-sp/branches/Rel_1_3/schemas/shibboleth-metadata-1.0.xsd