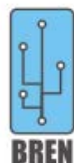


# BIF SAML WebSSO Technology Profile v1.0



**Bulgarian Research  
and Education Network**

<b>Document</b>	BIF SAML WebSSO Technology Profile
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## 1 Terminology

The key words "MUST", "MUST NOT", "REQUIRED", "SHALL", "SHALL NOT", "SHOULD", "SHOULD NOT", "RECOMMENDED", "MAY", and "OPTIONAL" in this document are to be interpreted as described in RFC2119, see <http://www.ietf.org/rfc/rfc2119.txt>.

## 2 Introduction

This document is a BIF Federation Policy Technology Profile which describes how the BIF Federation is realised using the [SAML V2.0 Web Browser SSO Profile](#).

The SAML V2.0 Web Browser SSO Profile defines a standard that enables Identity Providers and Relying parties to create and use web Single Sign on services using SAML.

## 3 Requirements

- All SAML metadata MUST fulfill the [SAML V2.0 Metadata Interoperability Profile Version 1.0](#).
- All entities (service providers and identity providers) SHOULD fulfill either the [Interoperable SAML 2.0 Profile](#) or the [Shibboleth SAML 1.1 Profile](#).
- All SAML attributes SHOULD be represented using the `urn:oasis:names:tc:SAML:2.0:attrname-format:uri` NameFormat
- All SAML attribute Names SHOULD be represented using either the `urn:oid` or `urn:mace:dir:attribute-def` namespace.
- All SAML Identity Providers SHOULD implement the Shibboleth Scope Extension.
- If the Shibboleth Scope Extension is implemented by an Identity Provider then it MUST be declared in the metadata as defined in the [Shibboleth Metadata Schema](#). The Scope value MUST be a string equal to a domain owned by the organisation that owns the Identity Provider.
- All SAML Service Providers SHOULD implement the Shibboleth Scope extension.