

# Bronze and Silver AuthnContext Schema

## AuthnContext Schema for InCommon Bronze and Silver

Below are draft AuthnContext schema definitions per section 2 of the [SAML V2.0 Identity Assurance Profiles Version 1.0](#).

Note that the governingAgreementRef attribute has value "<http://www.incommon.org/docs/assurance/IAAF.pdf>" in both schema.

### InCommon Bronze AuthnContext Schema

```
<?xml version="1.0" encoding="UTF-8"?>
<xs:schema
  targetNamespace="http://id.incommon.org/assurance/bronze"
  xmlns:xs="http://www.w3.org/2001/XMLSchema"
  xmlns="http://id.incommon.org/assurance/bronze"
  finalDefault="extension"
  blockDefault="substitution"
  version="2.0">

  <xs:redefine schemaLocation="saml-schema-authn-context-types-2.0.xsd">

    <xs:annotation>
      <xs:documentation>
        Class identifier:
        http://id.incommon.org/assurance/bronze
        Defines the InCommon Bronze Identity Assurance Profile of the InCommon Identity
        Assurance Assessment Framework
      </xs:documentation>
    </xs:annotation>

    <xs:complexType name="AuthnContextDeclarationBaseType">
      <xs:complexContent>
        <xs:restriction base="AuthnContextDeclarationBaseType">
          <xs:sequence>
            <xs:element ref="GoverningAgreements"/>
          </xs:sequence>
          <xs:attribute name="ID" type="xs:ID" use="optional"/>
        </xs:restriction>
      </xs:complexContent>
    </xs:complexType>

    <xs:complexType name="GoverningAgreementRefType">
      <xs:complexContent>
        <xs:restriction base="GoverningAgreementRefType">
          <xs:attribute name="governingAgreementRef"
            type="xs:anyURI"
            fixed="http://www.incommon.org/docs/assurance/IAAF.pdf"
            use="required"/>
        </xs:restriction>
      </xs:complexContent>
    </xs:complexType>

  </xs:redefine>
</xs:schema>
```

## InCommon Silver AuthnContext Schema

```
<?xml version="1.0" encoding="UTF-8"?>
<xs:schema
  targetNamespace="http://id.incommon.org/assurance/silver"
  xmlns:xs="http://www.w3.org/2001/XMLSchema"
  xmlns="http://id.incommon.org/assurance/silver"
  finalDefault="extension"
  blockDefault="substitution"
  version="2.0">

  <xs:redefine schemaLocation="saml-schema-authn-context-types-2.0.xsd">

    <xs:annotation>
      <xs:documentation>
        Class identifier:
        http://id.incommon.org/assurance/silver
        Defines the InCommon Silver Identity Assurance Profile of the InCommon Identity
        Assurance Assessment Framework
      </xs:documentation>
    </xs:annotation>

    <xs:complexType name="AuthnContextDeclarationBaseType">
      <xs:complexContent>
        <xs:restriction base="AuthnContextDeclarationBaseType">
          <xs:sequence>
            <xs:element ref="GoverningAgreements"/>
          </xs:sequence>
          <xs:attribute name="ID" type="xs:ID" use="optional"/>
        </xs:restriction>
      </xs:complexContent>
    </xs:complexType>

    <xs:complexType name="GoverningAgreementRefType">
      <xs:complexContent>
        <xs:restriction base="GoverningAgreementRefType">
          <xs:attribute name="governingAgreementRef"
            type="xs:anyURI"
            fixed="http://www.incommon.org/docs/assurance/IAAF.pdf"
            use="required"/>
        </xs:restriction>
      </xs:complexContent>
    </xs:complexType>

  </xs:redefine>
</xs:schema>
```