



Guide to Schemas for UIAS

UIAS Schema Guide

Version 2021-NOV

December 1, 2022

Distribution Notice:

This document has been approved for Public Release and is available for use without restriction.

Table of Contents

Chapter 1 - Introduction	1
1.1 - Purpose	1
Chapter 2 - Schema Files	2
2.1 - UIAS_SAML.xsd	2
2.2 - UIAS.xsd	4

Chapter 1 - Introduction

1.1 - Purpose

This is an informative supplement for UIAS. This guide is generated from the UIAS Schemas and provides a consolidated reference for the schemas of this specification.

Chapter 2 - Schema Files

2.1 - UIAS_SAML.xsd

```
<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema"
            xmlns:xhtml="http://www.w3.org/1999/xhtml-StopBrowserRendering"
            targetNamespace="urn:us:gov:ic:uiassaml"
            attributeFormDefault="qualified"
            elementFormDefault="qualified"
            xml:lang="en"
            ism:compliesWith="USGov USIC"
            ism:resourceElement="true"
            ism:createDate="2019-09-18"
            ism:DESVersion="202111"
            ism:ISMCAICESVersion="202205"
            ism:classification="U"
            ism:ownerProducer="USA"
            version="202111">

    <xs:annotation>
        <xs:documentation>
            <xhtml:h1 ism:ownerProducer="USA" ism:classification="U">Intelligence Community
Technical Specification XML Data Encoding Specification for Unified Identity
Attribute Set (UIAS.XML)</xhtml:h1>
        </xs:documentation>

        <xs:documentation>
            <xhtml:h2 ism:ownerProducer="USA" ism:classification="U">Notices</xhtml:h2>
            <xhtml:p ism:ownerProducer="USA" ism:classification="U"> Distribution Notice:
This document has been approved for Public Release and is available for use without restriction.

        </xhtml:p>
        </xs:documentation>
        <xs:documentation>
            <xhtml:h2 ism:ownerProducer="USA" ism:classification="U">Description</xhtml:h2>
            <xhtml:p ism:ownerProducer="USA" ism:classification="U"> W3C XML Schema for the XML Data
Encoding Specification for Unified Identity Attribute Set (UIAS.XML). </xhtml:p>
        </xs:documentation>
        <xs:documentation>
            <xhtml:h2 ism:ownerProducer="USA" ism:classification="U">Introduction</xhtml:h2>
            <xhtml:p ism:ownerProducer="USA" ism:classification="U"> This XML Schema file is an
informational component of the XML Data Encoding Specification (DES). Please see the
document titled <xhtml:i>
                <xhtml:a href="../../Documents/UIAS/DesUiasXml.pdf">XML Data Encoding Specification
for Unified Identity Attribute Set</xhtml:a>
                </xhtml:i> for a complete description of the encoding as well as list of all
components. </xhtml:p>
            <xhtml:p ism:ownerProducer="USA" ism:classification="U"> It is envisioned that this
schema or its components, as well as other parts of the DES may be overridden for
localized implementations. Therefore, permission to use, copy, modify and distribute
this XML Schema and the other parts of the DES for any purpose is hereby granted in
perpetuity. </xhtml:p>
            <xhtml:p ism:ownerProducer="USA" ism:classification="U"> Please reference the preceding
```

```
two paragraphs in all copies or variations. The developers make no representation
about the suitability of the schema or DES for any purpose. It is provided "as is"
without expressed or implied warranty. </xhtml:p>
    <xhtml:p ism:ownerProducer="USA" ism:classification="U"> If you modify this XML Schema
in any way label your schema as a variant of UIAS.XML. </xhtml:p>
    <xhtml:p ism:ownerProducer="USA" ism:classification="U"> Please direct all questions,
bug reports, or suggestions for changes to the points of contact identified in the
document referenced above. </xhtml:p>
    </xs:documentation>
    <xs:documentation>
        <xhtml:h2 ism:ownerProducer="USA" ism:classification="U">Implementation Notes</xhtml:h2>
        <xhtml:p ism:ownerProducer="USA" ism:classification="U"> No implementation notes at this
time. </xhtml:p>
    </xs:documentation>
    <xs:documentation>
        <xhtml:h2 ism:ownerProducer="USA" ism:classification="U">Creators</xhtml:h2>
        <xhtml:p ism:ownerProducer="USA" ism:classification="U">Office of the Director of
National Intelligence Intelligence Community Chief Information Officer</xhtml:p>
    </xs:documentation>
</xs:annotation>

<!-- ***** -->

<!-- SAML 2.0 assertion-->

<xs:import namespace="urn:oasis:names:tc:SAML:2.0:assertion"
    schemaLocation="../../SAML2.0/saml-schema-assertion-2.0.xsd"/>

    <!-- SAML 2.0 protocol -->

<xs:import namespace="urn:oasis:names:tc:SAML:2.0:protocol"
    schemaLocation="../../SAML2.0/saml-schema-protocol-2.0.xsd"/>

    <!-- Import UIAS.xsd -->

<xs:import namespace="urn:us:gov:ic:uias" schemaLocation="UIAS.xsd"/>

    <!-- Import ROLE.xsd -->

<xs:import namespace="urn:us:gov:ic:role" schemaLocation="../../ROLE/ROLE.xsd"/>

    <!-- Import FAC.xsd -->

<xs:import namespace="urn:us:gov:ic:fineaccesscontrol"
    schemaLocation="../../FAC/FineAccessControl.xsd"/>
    <xs:import namespace="urn:us:gov:ic:cvenum:fac:fineaccesscontroltype"
    schemaLocation="../../FAC/CVEGenerated/CVEnumFineAccessControlType.xsd"/>

    <!-- ***** -->

</xs:schema>
```

2.2 - UIAS.xsd

```
<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema"
    xmlns:uias="urn:us:gov:ic:uias"
    xmlns:role="urn:us:gov:ic:role"
    xmlns:usagency="urn:us:gov:ic:usagency"
    xmlns:mn="urn:us:gov:ic:mn"
    xmlns:virt="urn:us:gov:ic:virt"
    xmlns:uaa="urn:us:gov:ic:cenum:usagency:agencyacronym"
    xmlns:usagencyar="urn:us:gov:ic:cenum:usagency:auditRoutingOrganization"
    xmlns:uiasca="urn:us:gov:ic:cenum:uias:certificateauthority"
    xmlns:uiasc="urn:us:gov:ic:cenum:uias:clearance"
    xmlns:uiase="urn:us:gov:ic:cenum:uias:entitytype"
    xmlns:uiassm="urn:us:gov:ic:cenum:uias:securitymarktype"
    xmlns:uiashc="urn:us:gov:ic:cenum:uias:handlingControls"
    xmlns:uiasls="urn:us:gov:ic:cenum:uias:lifecyclestatus"
    xmlns:ac="urn:us:gov:ic:authcat"
    xmlns:actype="urn:us:gov:ic:cenum:authcat:authcattype"
    xmlns:fac="urn:us:gov:ic:fineaccesscontrol"
    xmlns:factype="urn:us:gov:ic:cenum:fac:fineaccesscontroltype"
    xmlns:mni="urn:us:gov:ic:cenum:mn:issue"
    xmlns:mnr="urn:us:gov:ic:cenum:mn:region"
    xmlns:genccountry="urn:us:gov:ic:cenum:genc:country"
    xmlns:virtn="urn:us:gov:ic:cenum:virt:network"
    xmlns:xhtml="http://www.w3.org/1999/xhtml-StopBrowserRendering"
    targetNamespace="urn:us:gov:ic:uias"
    attributeFormDefault="qualified"
    elementFormDefault="qualified"
    xml:lang="en"
    ism:compliesWith="USGov USIC"
    ism:resourceElement="true"
    ism:createDate="2019-09-18"
    ism:DESVersion="202111"
    ism:ISMCAICESVersion="202205"
    ism:classification="U"
    ism:ownerProducer="USA"
    version="202111">

    <xs:annotation>
        <xs:documentation>
            <xhtml:h1 ism:ownerProducer="USA" ism:classification="U">Intelligence Community
Technical Specification XML Data Encoding Specification for Unified Identity
Attribute Set (UIAS.XML)</xhtml:h1>
        </xs:documentation>

        <xs:documentation>
            <xhtml:h2 ism:ownerProducer="USA" ism:classification="U">Notices</xhtml:h2>
            <xhtml:p ism:ownerProducer="USA" ism:classification="U"> Distribution Notice:
This document has been approved for Public Release and is available for use without restriction.

        </xhtml:p>
        </xs:documentation>
        <xs:documentation>
            <xhtml:h2 ism:ownerProducer="USA" ism:classification="U">Description</xhtml:h2>
```

`<xhtml:p ism:ownerProducer="USA" ism:classification="U"> W3C XML Schema for the XML Data
Encoding Specification for Unified Identity Attribute Set (UIAS.XML). </xhtml:p>`

`</xs:documentation>`

`<xs:documentation>`

`<xhtml:h2 ism:ownerProducer="USA" ism:classification="U">Introduction</xhtml:h2>`

`<xhtml:p ism:ownerProducer="USA" ism:classification="U"> This XML Schema file is an
informational component of the XML Data Encoding Specification (DES). Please see the
document titled <xhtml:i>`

`<xhtml:a href="../../Documents/UIAS/DesUiasXml.pdf">XML Data Encoding
Specification for Unified Identity Attribute Set</xhtml:a>`

`</xhtml:i> for a complete description of the encoding as well as list of all
components. </xhtml:p>`

`<xhtml:p ism:ownerProducer="USA" ism:classification="U"> It is envisioned that this
schema or its components, as well as other parts of the DES may be overridden for
localized implementations. Therefore, permission to use, copy, modify and distribute
this XML Schema and the other parts of the DES for any purpose is hereby granted in
perpetuity. </xhtml:p>`

`<xhtml:p ism:ownerProducer="USA" ism:classification="U"> Please reference the preceding
two paragraphs in all copies or variations. The developers make no representation
about the suitability of the schema or DES for any purpose. It is provided "as is"
without expressed or implied warranty. </xhtml:p>`

`<xhtml:p ism:ownerProducer="USA" ism:classification="U"> If you modify this XML Schema
in any way label your schema as a variant of UIAS.XML. </xhtml:p>`

`<xhtml:p ism:ownerProducer="USA" ism:classification="U"> Please direct all questions,
bug reports,or suggestions for changes to the points of contact identified in the
document referenced above. </xhtml:p>`

`</xs:documentation>`

`<xs:documentation>`

`<xhtml:h2 ism:ownerProducer="USA" ism:classification="U">Implementation Notes</xhtml:h2>`

`<xhtml:p ism:ownerProducer="USA" ism:classification="U"> UIAS does not have a root node. UIAS is
the basis for defining and populating the set of attributes and values that comprise
an attribute statement or assertion; for instance in Security Assertion Markup Language (SAML).</xhtml:p>`

`</xs:documentation>`

`<xs:documentation>`

`<xhtml:h2 ism:ownerProducer="USA" ism:classification="U">Creators</xhtml:h2>`

`<xhtml:p ism:ownerProducer="USA" ism:classification="U">Office of the Director of
National Intelligence Intelligence Community Chief Information Officer</xhtml:p>`

`</xs:documentation>`

`</xs:annotation>`

`<!--*****-->`

```
<xs:import namespace="urn:us:gov:ic:cvenum:uias:certificateauthority"
  schemaLocation="CVEGenerated/CVEnumUIASCertificateAuthority.xsd"/>
<xs:import namespace="urn:us:gov:ic:cvenum:uias:clearance"
  schemaLocation="CVEGenerated/CVEnumUIASClearance.xsd"/>
<xs:import namespace="urn:us:gov:ic:cvenum:uias:entitytype"
  schemaLocation="CVEGenerated/CVEnumUIASEntityType.xsd"/>
<xs:import namespace="urn:us:gov:ic:cvenum:uias:securitymarktype"
  schemaLocation="CVEGenerated/CVEnumUIASSecurityMarkType.xsd"/>
<xs:import namespace="urn:us:gov:ic:cvenum:uias:handlingControls"
  schemaLocation="CVEGenerated/CVEnumUIASHandlingControls.xsd"/>
<xs:import namespace="urn:us:gov:ic:cvenum:uias:lifecyclestatus"
```



```

        schemaLocation="CVEGenerated/CVEnumUIASLifeCycleStatus.xsd"/>

<!-- AUTHCAT -->

<xs:import namespace="urn:us:gov:ic:authcat"
    schemaLocation="../../../AUTHCAT/AuthorityCategory.xsd"/>
<xs:import namespace="urn:us:gov:ic:cvenum:authcat:authcattype"
    schemaLocation="../../../AUTHCAT/CVEGenerated/CVEnumAuthCatType.xsd"/>

<!-- FAC -->

<xs:import namespace="urn:us:gov:ic:fineaccesscontrol"
    schemaLocation="../../../FAC/FineAccessControl.xsd"/>
<xs:import namespace="urn:us:gov:ic:cvenum:fac:fineaccesscontroltype"
    schemaLocation="../../../FAC/CVEGenerated/CVEnumFineAccessControlType.xsd"/>

<!-- USAgency -->

<xs:import namespace="urn:us:gov:ic:usagency"
    schemaLocation="../../../USAgency/USAgency.xsd"/>
<xs:import namespace="urn:us:gov:ic:cvenum:usagency:agencyacronym"
    schemaLocation="../../../USAgency/CVEGenerated/CVEnumUSAgencyAcronym.xsd"/>
<xs:import namespace="urn:us:gov:ic:cvenum:usagency:auditRoutingOrganization"
    schemaLocation="../../../USAgency/CVEGenerated/CVEnumAuditRoutingOrg.xsd"/>

<!-- IC-GENC -->

<xs:import namespace="urn:us:gov:ic:icgenc"
    schemaLocation="../../../IC-GENC/IC-GENC.xsd"/>
<!-- Imports ISM solely for the ISMCATCESVersion -->

<xs:import namespace="urn:us:gov:ic:cvenum:genc:country"
    schemaLocation="../../../IC-GENC/CVEGenerated/CVEnumGENCCountryCode.xsd"/>

<!-- MN -->

<xs:import namespace="urn:us:gov:ic:mn" schemaLocation="../../../MN/MN.xsd"/>
<xs:import namespace="urn:us:gov:ic:cvenum:mn:issue"
    schemaLocation="../../../MN/CVEGenerated/CVEnumMNIssue.xsd"/>
<xs:import namespace="urn:us:gov:ic:cvenum:mn:region"
    schemaLocation="../../../MN/CVEGenerated/CVEnumMNRegion.xsd"/>

<!-- VIRT -->

<xs:import namespace="urn:us:gov:ic:virt" schemaLocation="../../../VIRT/VIRT.xsd"/>
<xs:import namespace="urn:us:gov:ic:cvenum:virt:network"
    schemaLocation="../../../VIRT/CVEGenerated/CVEnumVIRTNetworkName.xsd"/>

<!-- ROLE -->

<xs:import namespace="urn:us:gov:ic:role" schemaLocation="../../../ROLE/ROLE.xsd"/>

<!--*****-->
```

```

<xs:attribute name="DESVersion">
  <xs:annotation>
    <xs:documentation xml:lang="en">
      <xhtml:p ism:ownerProducer="USA" ism:classification="U">The version number of the specification.
This attribute is intended for processing systems to determine the appropriate versions of
Schema, Schematron, and CVE values for validation and interpretation of an instance document.
    </xhtml:p>
      <xhtml:p ism:ownerProducer="USA" ism:classification="U">If there are multiple of this attribute
specified in an instance document, the first one in document order is the one that will
apply to the entire document. Document order is
defined in <xhtml:a href="https://www.w3.org/TR/xpath-datamodel/#document-order">https://www.w3.org/TR/xpath-datamodel/#document-order</xhtml:a>
    </xhtml:p>
    </xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:pattern value="[0-9]{6}(\.[0-9]{6})?(\-{1,23})?" />
    </xs:restriction>
  </xs:simpleType>
</xs:attribute>

<!-- Simple Types -->

```

```

<xs:simpleType name="adminOrganizationType">
  <xs:annotation>
    <xs:documentation xml:lang="en">
      <xhtml:p ism:ownerProducer="USA" ism:classification="U">Reflects the home
organization of the entity.</xhtml:p>
      <xhtml:p ism:ownerProducer="USA" ism:classification="U">Contains the token that
represents an entity's administrative organization. This is tied to the USAgency
Acronym list for US Agencies and follows an open ended regular expression for
the other five eyes countries</xhtml:p>
    </xs:documentation>
  </xs:annotation>
  <xs:union memberTypes="uaa:CVEEnumUSAgencyAcronym">
    <xs:simpleType>
      <xs:annotation>
        <xs:documentation xml:lang="en">
          <xhtml:p ism:ownerProducer="USA" ism:classification="U">AUS admin org regex</xhtml:p>
        </xs:documentation>
      </xs:annotation>
      <xs:restriction base="xs:token">
        <xs:pattern value="AUS.[A-Za-z0-9_\-\.\.]{1,36}" />
      </xs:restriction>
    </xs:simpleType>
    <xs:simpleType>
      <xs:annotation>
        <xs:documentation xml:lang="en">
          <xhtml:p ism:ownerProducer="USA" ism:classification="U">CAN admin org regex</xhtml:p>
        </xs:documentation>
      </xs:annotation>
      <xs:restriction base="xs:token">

```

```

        <xs:pattern value="CAN.[A-Za-z0-9_\-\.]{1,36}" />
      </xs:restriction>
    </xs:simpleType>
  <xs:simpleType>
    <xs:annotation>
      <xs:documentation xml:lang="en">
        <xhtml:p ism:ownerProducer="USA" ism:classification="U">GBR admin org regex</xhtml:p>
      </xs:documentation>
    </xs:annotation>
    <xs:restriction base="xs:token">
      <xs:pattern value="GBR.[A-Za-z0-9_\-\.]{1,36}" />
    </xs:restriction>
  </xs:simpleType>
  <xs:simpleType>
    <xs:annotation>
      <xs:documentation xml:lang="en">
        <xhtml:p ism:ownerProducer="USA" ism:classification="U">NZL admin org regex</xhtml:p>
      </xs:documentation>
    </xs:annotation>
    <xs:restriction base="xs:token">
      <xs:pattern value="NZL.[A-Za-z0-9_\-\.]{1,36}" />
    </xs:restriction>
  </xs:simpleType>
</xs:union>
</xs:simpleType>

<xs:simpleType name="auditRoutingOrganizationType">
  <xs:annotation>
    <xs:documentation xml:lang="en">
      <xhtml:p ism:ownerProducer="USA" ism:classification="U">Reflects the audit routing
organization of the entity.</xhtml:p>
      <xhtml:p ism:ownerProducer="USA" ism:classification="U">Contains the token that
represents an entity's audit routing organization. This is tied to the
CVEEnumUIASAuditRoutingOrg CVE which is managed by the IC Audit Subcommittee
(ICAS)</xhtml:p>
    </xs:documentation>
  </xs:annotation>
  <xs:restriction base="usagencyar:CVEEnumAuditRoutingOrg">
    <xs:minLength value="1" />
    <xs:maxLength value="2" />
  </xs:restriction>
</xs:simpleType>

<xs:simpleType name="authorityCategoryType">
  <xs:annotation>
    <xs:documentation>
      <xhtml:p ism:classification="U" ism:ownerProducer="USA">This attribute specifies the
authority(ies) under which the entity is authorized to access and/or discover
protected resources</xhtml:p>
    </xs:documentation>
  </xs:annotation>
  <xs:restriction base="actype:CVEEnumAuthCatType" />
</xs:simpleType>

```

```
<xs:simpleType name="ATOStatusType">
  <xs:annotation>
    <xs:documentation>
      <xhtml:p ism:classification="U" ism:ownerProducer="USA">This attribute indicates the
Authority to Operate (ATO) status for the non-person entity</xhtml:p>
    </xs:documentation>
  </xs:annotation>
  <xs:restriction base="xs:boolean"/>
</xs:simpleType>

<xs:simpleType name="aICPType">
  <xs:annotation>
    <xs:documentation>
      <xhtml:p ism:classification="U" ism:ownerProducer="USA">Reflects whether or not the
entity is an AICP</xhtml:p>
    </xs:documentation>
  </xs:annotation>
  <xs:restriction base="xs:boolean"/>
</xs:simpleType>

<xs:simpleType name="certificateAuthorityType">
  <xs:annotation>
    <xs:documentation>
      <xhtml:p ism:classification="U" ism:ownerProducer="USA">Reflects the issuing PKI
certificate authority for the entity</xhtml:p>
    </xs:documentation>
  </xs:annotation>
  <xs:restriction base="uiasca:CVEEnumUIASCertificateAuthority"/>
</xs:simpleType>

<xs:simpleType name="clearanceType">
  <xs:annotation>
    <xs:documentation>
      <xhtml:p ism:classification="U" ism:ownerProducer="USA">Reflects the clearance or
classification level of the entity</xhtml:p>
    </xs:documentation>
  </xs:annotation>
  <xs:restriction base="uiasc:CVEEnumUIASCclearance"/>
</xs:simpleType>

<xs:simpleType name="countryOfAffiliationType">
  <xs:annotation>
    <xs:documentation>
      <xhtml:p ism:classification="U" ism:ownerProducer="USA">Reflects the citizenship(s)
or affiliation(s) of the entity</xhtml:p>
    </xs:documentation>
  </xs:annotation>
  <xs:restriction base="genccountry:CVEEnumGENCCountryCode"/>
</xs:simpleType>

<xs:simpleType name="digitalIdentifierType">
  <xs:annotation>
    <xs:documentation>
      <xhtml:p ism:classification="U" ism:ownerProducer="USA">Reflects the DN from the
```

```

entity's PKI certificate</xhtml:p>
  </xs:documentation>
</xs:annotation>
<xs:restriction base="xs:string">
  <xs:pattern value="[\s]*\-(CN|cn)=[A-Za-z0-9 .]+(,[\s]*[a-z0-9 .]+=[A-Za-z0-9 .]+)*[\s]*"/>
</xs:restriction>
</xs:simpleType>

<xs:simpleType name="dutyOrganizationType">
  <xs:annotation>
    <xs:documentation>
      <xhtml:p ism:classification="U" ism:ownerProducer="USA">Reflects the assigned
organization of the entity</xhtml:p>
    </xs:documentation>
  </xs:annotation>
  <xs:union memberTypes="uaa:CVEEnumUSAgencyAcronym">
    <xs:simpleType>
      <xs:annotation>
        <xs:documentation xml:lang="en">
          <xhtml:p ism:ownerProducer="USA" ism:classification="U">AUS admin org regex</xhtml:p>
        </xs:documentation>
      </xs:annotation>
      <xs:restriction base="xs:token">
        <xs:pattern value="AUS.[A-Za-z0-9_\-\.]{1,36}"/>
      </xs:restriction>
    </xs:simpleType>
    <xs:simpleType>
      <xs:annotation>
        <xs:documentation xml:lang="en">
          <xhtml:p ism:ownerProducer="USA" ism:classification="U">CAN admin org regex</xhtml:p>
        </xs:documentation>
      </xs:annotation>
      <xs:restriction base="xs:token">
        <xs:pattern value="CAN.[A-Za-z0-9_\-\.]{1,36}"/>
      </xs:restriction>
    </xs:simpleType>
    <xs:simpleType>
      <xs:annotation>
        <xs:documentation xml:lang="en">
          <xhtml:p ism:ownerProducer="USA" ism:classification="U">GBR admin org regex</xhtml:p>
        </xs:documentation>
      </xs:annotation>
      <xs:restriction base="xs:token">
        <xs:pattern value="GBR.[A-Za-z0-9_\-\.]{1,36}"/>
      </xs:restriction>
    </xs:simpleType>
    <xs:simpleType>
      <xs:annotation>
        <xs:documentation xml:lang="en">
          <xhtml:p ism:ownerProducer="USA" ism:classification="U">NZL admin org regex</xhtml:p>
        </xs:documentation>
      </xs:annotation>
      <xs:restriction base="xs:token">
        <xs:pattern value="NZL.[A-Za-z0-9_\-\.]{1,36}"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:union>
</xs:simpleType>

```

```

        </xs:restriction>
      </xs:simpleType>
    </xs:union>
  </xs:simpleType>

  <xs:simpleType name="dutyOrganizationUnitType">
    <xs:annotation>
      <xs:documentation>
        <xhtml:p ism:classification="U" ism:ownerProducer="USA">Reflects the assigned
organization unit structure of the entity</xhtml:p>
      </xs:documentation>
    </xs:annotation>
    <xs:restriction base="xs:string">
      <xs:pattern value="[\s]*[A-Za-z0-9\-\_\.]+(:[A-Za-z0-9\-\_]+)*[\s]*"/>
    </xs:restriction>
  </xs:simpleType>

  <xs:simpleType name="entitySecurityMarkType">
    <xs:annotation>
      <xs:documentation>
        <xhtml:p ism:classification="U" ism:ownerProducer="USA">Classification and handling
of the entity's digital identifier</xhtml:p>
      </xs:documentation>
    </xs:annotation>
    <xs:restriction base="uiassm:CVEEnumUIASSecurityMarkType"/>
  </xs:simpleType>

  <xs:simpleType name="entityTypeType">
    <xs:annotation>
      <xs:documentation>
        <xhtml:p ism:classification="U" ism:ownerProducer="USA">Reflects the type of the
entity</xhtml:p>
      </xs:documentation>
    </xs:annotation>
    <xs:restriction base="uiase:CVEEnumUIASEntityType"/>
  </xs:simpleType>

  <xs:simpleType name="fineAccessControlsType">
    <xs:annotation>
      <xs:documentation>
        <xhtml:p ism:classification="U" ism:ownerProducer="USA">Reflects the fine grain
access aspects of control systems</xhtml:p>
      </xs:documentation>
    </xs:annotation>
    <xs:restriction base="factype:CVEEnumFineAccessControlType"/>
  </xs:simpleType>

  <xs:simpleType name="groupType">
    <xs:annotation>
      <xs:documentation>
        <xhtml:p ism:classification="U" ism:ownerProducer="USA">Indicates the group
memberships associated with the entity</xhtml:p>
      </xs:documentation>
    </xs:annotation>

```

```

        <xs:restriction base="xs:string">
            <xs:maxLength value="256"/>
        </xs:restriction>
    </xs:simpleType>

    <xs:simpleType name="handlingControlsType">
        <xs:annotation>
            <xs:documentation>
                <xhtml:p ism:classification="U" ism:ownerProducer="USA"> Indicates the set of
handling controls that an NPE is authorized to have</xhtml:p>
            </xs:documentation>
        </xs:annotation>
        <xs:restriction base="uiashc:CVEEnumUIASHandlingControls"/>
    </xs:simpleType>

    <xs:simpleType name="isICMemberType">
        <xs:annotation>
            <xs:documentation>
                <xhtml:p ism:classification="U" ism:ownerProducer="USA">Reflects whether or not the
entity is a member of the Intelligence Community</xhtml:p>
            </xs:documentation>
        </xs:annotation>
        <xs:restriction base="xs:boolean"/>
    </xs:simpleType>

    <xs:simpleType name="icNetworksType">
        <xs:annotation>
            <xs:documentation>
                <xhtml:p ism:classification="U" ism:ownerProducer="USA">List of other IC networks or
domains to which an entity's digital identifier may be transmitted</xhtml:p>
            </xs:documentation>
        </xs:annotation>
        <xs:restriction>
            <xs:simpleType>
                <xs:annotation>
                    <xs:documentation xml:lang="en">
                        <xhtml:p ism:ownerProducer="USA" ism:classification="U">A list of virtn:CVEEnumVIRTNetworkName</xhtml:p>
                    </xs:documentation>
                </xs:annotation>
                <xs:list itemType="virtn:CVEEnumVIRTNetworkName"/>
            </xs:simpleType>
            <xs:minLength value="1"/>
            <xs:maxLength value="50"/>
        </xs:restriction>
    </xs:simpleType>

    <xs:simpleType name="lifeCycleStatusType">
        <xs:annotation>
            <xs:documentation>
                <xhtml:p ism:classification="U" ism:ownerProducer="USA">Indicates the life cycle
phase in which the entity is operating</xhtml:p>
            </xs:documentation>
        </xs:annotation>
        <xs:restriction base="uiasls:CVEEnumUIASLifeCycleStatus"/>
    </xs:simpleType>

```



```
</xs:simpleType>

<xs:simpleType name="originatingNetworkType">
  <xs:annotation>
    <xs:documentation>
      <xhtml:p ism:classification="U" ism:ownerProducer="USA">Reflects the network or
domain that the entity's identity originates from</xhtml:p>
    </xs:documentation>
  </xs:annotation>
  <xs:restriction base="virtn:CVEEnumVIRTNetworkName"/>
</xs:simpleType>

<xs:simpleType name="regionType">
  <xs:annotation>
    <xs:documentation>
      <xhtml:p ism:classification="U" ism:ownerProducer="USA">Indicates the individual
countries or larger sub-regions such as geographical areas of combatant command
Areas of Responsibility (AORs), Areas of Interest (AOIs), or State and Non-State
Actor(s)</xhtml:p>
    </xs:documentation>
  </xs:annotation>
  <xs:restriction>
    <xs:simpleType>
      <xs:annotation>
        <xs:documentation xml:lang="en">
          <xhtml:p ism:ownerProducer="USA" ism:classification="U">A list of mnrc:CVEEnumMNRegion</xhtml:p>
        </xs:documentation>
      </xs:annotation>
      <xs:list itemType="mnrc:CVEEnumMNRegion"/>
    </xs:simpleType>
    <xs:minLength value="1"/>
    <xs:maxLength value="50"/>
  </xs:restriction>
</xs:simpleType>

<xs:simpleType name="roleType">
  <xs:annotation>
    <xs:documentation>
      <xhtml:p ism:classification="U" ism:ownerProducer="USA">Indicates the position, job
or area of responsibility associated with the entity</xhtml:p>
    </xs:documentation>
  </xs:annotation>
  <xs:restriction base="role:roleType"/>
</xs:simpleType>

<xs:simpleType name="topicType">
  <xs:annotation>
    <xs:documentation>
      <xhtml:p ism:classification="U" ism:ownerProducer="USA">Indicates the particular
intelligence subject area(s) associated with the entity</xhtml:p>
    </xs:documentation>
  </xs:annotation>
  <xs:restriction>
    <xs:simpleType>
```



```

        <xs:annotation>
          <xs:documentation xml:lang="en">
            <xhtml:p ism:ownerProducer="USA" ism:classification="U">A list of mni:CVEEnumMNIssue</xhtml:p>
          </xs:documentation>
        </xs:annotation>
        <xs:list itemType="mni:CVEEnumMNIssue"/>
      </xs:simpleType>
      <xs:minLength value="1"/>
      <xs:maxLength value="50"/>
    </xs:restriction>
  </xs:simpleType>

  <!-- Attributes -->

  <xs:attribute name="adminOrganization" type="uias:adminOrganizationType">
    <xs:annotation>
      <xs:documentation xml:lang="en">
        <xhtml:p ism:ownerProducer="USA" ism:classification="U">Reflects the home
        organization of the entity.</xhtml:p>
        <xhtml:p ism:ownerProducer="USA" ism:classification="U">Contains the token that
        represents an entity's administrative organization. This is tied to the USAgency
        Acronym list for US Agencies and follows an open ended regular expression for
        the other five eyes countries</xhtml:p>
      </xs:documentation>
    </xs:annotation>
  </xs:attribute>

  <xs:attribute name="auditRoutingOrganization"
    type="uias:auditRoutingOrganizationType">
    <xs:annotation>
      <xs:documentation xml:lang="en">
        <xhtml:p ism:ownerProducer="USA" ism:classification="U">Reflects the audit routing
        organization of the entity.</xhtml:p>
        <xhtml:p ism:ownerProducer="USA" ism:classification="U">Contains the token that
        represents an entity's audit routing organization. This is tied to the
        CVEEnumUIASAuditRoutingOrg CVE which is managed by the IC Audit Subcommittee
        (ICAS)</xhtml:p>
      </xs:documentation>
    </xs:annotation>
  </xs:attribute>

  <xs:attribute name="authorityCategory" type="uias:authorityCategoryType">
    <xs:annotation>
      <xs:documentation>
        <xhtml:p ism:classification="U" ism:ownerProducer="USA">This attribute specifies the
        authority(ies) under which the entity is authorized to access and/or discover
        protected resources</xhtml:p>
      </xs:documentation>
    </xs:annotation>
  </xs:attribute>

  <xs:attribute name="aTOStatus" type="uias:ATOStatusType">
    <xs:annotation>

```

```
<xs:documentation>
  <xhtml:p ism:classification="U" ism:ownerProducer="USA">This attribute indicates the
Authority to Operate (ATO) status for the non-person entity</xhtml:p>
</xs:documentation>
</xs:annotation>
</xs:attribute>

<xs:attribute name="aICP" type="uias:aICPType">
  <xs:annotation>
    <xs:documentation>
      <xhtml:p ism:classification="U" ism:ownerProducer="USA">Reflects whether or not the
entity is an AICP</xhtml:p>
    </xs:documentation>
  </xs:annotation>
</xs:attribute>

<xs:attribute name="certificateAuthority" type="uias:certificateAuthorityType">
  <xs:annotation>
    <xs:documentation>
      <xhtml:p ism:classification="U" ism:ownerProducer="USA">Reflects the issuing PKI
certificate authority for the entity</xhtml:p>
    </xs:documentation>
  </xs:annotation>
</xs:attribute>

<xs:attribute name="clearance" type="uias:clearanceType">
  <xs:annotation>
    <xs:documentation>
      <xhtml:p ism:classification="U" ism:ownerProducer="USA">Reflects the clearance or
classification level of the entity</xhtml:p>
    </xs:documentation>
  </xs:annotation>
</xs:attribute>

<xs:attribute name="countryOfAffiliation" type="uias:countryOfAffiliationType">
  <xs:annotation>
    <xs:documentation>
      <xhtml:p ism:classification="U" ism:ownerProducer="USA">Reflects the citizenship(s)
or affiliation(s) of the entity</xhtml:p>
    </xs:documentation>
  </xs:annotation>
</xs:attribute>

<xs:attribute name="digitalIdentifier" type="uias:digitalIdentifierType">
  <xs:annotation>
    <xs:documentation>
      <xhtml:p ism:classification="U" ism:ownerProducer="USA">Reflects the DN from the
entity's PKI certificate</xhtml:p>
    </xs:documentation>
  </xs:annotation>
</xs:attribute>

<xs:attribute name="dutyOrganization" type="uias:dutyOrganizationType">
  <xs:annotation>
```

```
<xs:documentation>
  <xhtml:p ism:classification="U" ism:ownerProducer="USA">Reflects the assigned
organization of the entity</xhtml:p>
</xs:documentation>
</xs:annotation>
</xs:attribute>

<xs:attribute name="dutyOrganizationUnit" type="uias:dutyOrganizationUnitType">
  <xs:annotation>
    <xs:documentation>
      <xhtml:p ism:classification="U" ism:ownerProducer="USA">Reflects the assigned
organization unit structure of the entity</xhtml:p>
    </xs:documentation>
  </xs:annotation>
</xs:attribute>

<xs:attribute name="entitySecurityMark" type="uias:entitySecurityMarkType">
  <xs:annotation>
    <xs:documentation>
      <xhtml:p ism:classification="U" ism:ownerProducer="USA">Classification and handling
of the entity's digital identifier</xhtml:p>
    </xs:documentation>
  </xs:annotation>
</xs:attribute>

<xs:attribute name="entityType" type="uias:entityTypeType">
  <xs:annotation>
    <xs:documentation>
      <xhtml:p ism:classification="U" ism:ownerProducer="USA">Reflects the type of the
entity</xhtml:p>
    </xs:documentation>
  </xs:annotation>
</xs:attribute>

<xs:attribute name="fineAccessControls" type="uias:fineAccessControlsType">
  <xs:annotation>
    <xs:documentation>
      <xhtml:p ism:classification="U" ism:ownerProducer="USA">Reflects the fine grain
access aspects of control systems</xhtml:p>
    </xs:documentation>
  </xs:annotation>
</xs:attribute>

<xs:attribute name="group" type="uias:groupType">
  <xs:annotation>
    <xs:documentation>
      <xhtml:p ism:classification="U" ism:ownerProducer="USA">Indicates the group
memberships associated with the entity</xhtml:p>
    </xs:documentation>
  </xs:annotation>
</xs:attribute>

<xs:attribute name="handlingControls" type="uias:handlingControlsType">
  <xs:annotation>
```

```
<xs:documentation>
  <xhtml:p ism:classification="U" ism:ownerProducer="USA"> Indicates the set of
handling controls that an NPE is authorized to have</xhtml:p>
</xs:documentation>
</xs:annotation>
</xs:attribute>

<xs:attribute name="icNetworks" type="uias:icNetworksType">
  <xs:annotation>
    <xs:documentation>
      <xhtml:p ism:classification="U" ism:ownerProducer="USA">List of other IC networks or
domains to which an entity's digital identifier may be transmitted</xhtml:p>
    </xs:documentation>
  </xs:annotation>
</xs:attribute>

<xs:attribute name="isICMember" type="uias:isICMemberType">
  <xs:annotation>
    <xs:documentation>
      <xhtml:p ism:classification="U" ism:ownerProducer="USA">Reflects whether or not the
entity is a member of the Intelligence Community</xhtml:p>
    </xs:documentation>
  </xs:annotation>
</xs:attribute>

<xs:attribute name="lifecycleStatus" type="uias:lifeCycleStatusType">
  <xs:annotation>
    <xs:documentation>
      <xhtml:p ism:classification="U" ism:ownerProducer="USA">Indicates the life cycle
phase in which the entity is operating</xhtml:p>
    </xs:documentation>
  </xs:annotation>
</xs:attribute>

<xs:attribute name="originatingNetwork" type="uias:originatingNetworkType">
  <xs:annotation>
    <xs:documentation>
      <xhtml:p ism:classification="U" ism:ownerProducer="USA">Reflects the network or
domain that the entity's identity originates from</xhtml:p>
    </xs:documentation>
  </xs:annotation>
</xs:attribute>

<xs:attribute name="region" type="uias:regionType">
  <xs:annotation>
    <xs:documentation>
      <xhtml:p ism:classification="U" ism:ownerProducer="USA">Indicates the individual
countries or larger sub-regions such as geographical areas of combatant command
Areas of Responsibility (AORs), Areas of Interest (AOIs), or State and Non-State
Actor(s)</xhtml:p>
    </xs:documentation>
  </xs:annotation>
</xs:attribute>
```

```

<xs:attribute name="role" type="uias:roleType">
  <xs:annotation>
    <xs:documentation>
      <xhtml:p ism:classification="U" ism:ownerProducer="USA">Indicates the position, job
or area of responsibility associated with the entity</xhtml:p>
    </xs:documentation>
  </xs:annotation>
</xs:attribute>

<xs:attribute name="topic" type="uias:topicType">
  <xs:annotation>
    <xs:documentation>
      <xhtml:p ism:classification="U" ism:ownerProducer="USA">Indicates the particular
intelligence subject area(s) associated with the entity</xhtml:p>
    </xs:documentation>
  </xs:annotation>
</xs:attribute>

<!-- Attribute Groups -->

<xs:attributeGroup name="UiasIdentityAttributeGroup">
  <xs:annotation>
    <xs:documentation>
      <xhtml:p ism:classification="U" ism:ownerProducer="USA">Group of UIAS Identity Attributes</xhtml:p>
    </xs:documentation>
  </xs:annotation>
  <xs:attribute ref="uias:adminOrganization"/>
  <xs:attribute ref="uias:auditRoutingOrganization"/>
  <xs:attribute ref="uias:authorityCategory"/>
  <xs:attribute ref="uias:aTOStatus"/>
  <xs:attribute ref="uias:aICP"/>
  <xs:attribute ref="uias:clearance"/>
  <xs:attribute ref="uias:countryOfAffiliation"/>
  <xs:attribute ref="uias:digitalIdentifier"/>
  <xs:attribute ref="uias:dutyOrganization"/>
  <xs:attribute ref="uias:dutyOrganizationUnit"/>
  <xs:attribute ref="uias:entitySecurityMark"/>
  <xs:attribute ref="uias:entityType"/>
  <xs:attribute ref="uias:fineAccessControls"/>
  <xs:attribute ref="uias:group"/>
  <xs:attribute ref="uias:handlingControls"/>
  <xs:attribute ref="uias:icNetworks"/>
  <xs:attribute ref="uias:isICMember"/>
  <xs:attribute ref="uias:lifecycleStatus"/>
  <xs:attribute ref="uias:region"/>
  <xs:attribute ref="uias:role"/>
  <xs:attribute ref="uias:topic"/>
</xs:attributeGroup>

<xs:attributeGroup name="UiasEnvironmentAttributeGroup">
  <xs:annotation>
    <xs:documentation>

```

```

        <xhtml:p ism:classification="U" ism:ownerProducer="USA">Group of UIAS Environment Attributes</xhtml:p>
      </xs:documentation>
    </xs:annotation>
    <xs:attribute ref="uias:certificateAuthority"/>
    <xs:attribute ref="uias:originatingNetwork"/>
  </xs:attributeGroup>

  <xs:attributeGroup name="UiasAttributeGroup">
    <xs:annotation>
      <xs:documentation>
        <xhtml:p ism:classification="U" ism:ownerProducer="USA">Group of UIAS Attributes</xhtml:p>
      </xs:documentation>
    </xs:annotation>
    <xs:attributeGroup ref="uias:UiasIdentityAttributeGroup"/>
    <xs:attributeGroup ref="uias:UiasEnvironmentAttributeGroup"/>
  </xs:attributeGroup>

  <!-- Elements -->

  <xs:element name="AdminOrganization" type="uias:adminOrganizationType">
    <xs:annotation>
      <xs:documentation xml:lang="en">
        <xhtml:p ism:ownerProducer="USA" ism:classification="U">Reflects the home
organization of the entity.</xhtml:p>
        <xhtml:p ism:ownerProducer="USA" ism:classification="U">Contains the token that
represents an entity's administrative organization. This is tied to the USAgency
Acronym list for US Agencies and follows an open ended regular expression for
the other five eyes countries</xhtml:p>
      </xs:documentation>
    </xs:annotation>
  </xs:element>

  <xs:element name="AuditRoutingOrganization"
    type="uias:auditRoutingOrganizationType">
    <xs:annotation>
      <xs:documentation xml:lang="en">
        <xhtml:p ism:ownerProducer="USA" ism:classification="U">Reflects the audit routing
organization of the entity.</xhtml:p>
        <xhtml:p ism:ownerProducer="USA" ism:classification="U">Contains the token that
represents an entity's audit routing organization. This is tied to the
CvEnumUIASAuditRoutingOrg CVE which is managed by the IC Audit Subcommittee
(ICAS)</xhtml:p>
      </xs:documentation>
    </xs:annotation>
  </xs:element>

  <xs:element name="AuthorityCategory" type="uias:authorityCategoryType">
    <xs:annotation>
      <xs:documentation>
        <xhtml:p ism:classification="U" ism:ownerProducer="USA">This attribute specifies the
authority(ies) under which the entity is authorized to access and/or discover
protected resources</xhtml:p>

```

```
        </xs:documentation>
      </xs:annotation>
    </xs:element>

    <xs:element name="ATOStatus" type="uias:ATOStatusType">
      <xs:annotation>
        <xs:documentation>
          <xhtml:p ism:classification="U" ism:ownerProducer="USA">This attribute indicates the
Authority to Operate (ATO) status for the non-person entity</xhtml:p>
        </xs:documentation>
      </xs:annotation>
    </xs:element>

    <xs:element name="AICP" type="uias:aICPType">
      <xs:annotation>
        <xs:documentation>
          <xhtml:p ism:classification="U" ism:ownerProducer="USA">Reflects whether or not the
entity is an AICP</xhtml:p>
        </xs:documentation>
      </xs:annotation>
    </xs:element>

    <xs:element name="CertificateAuthority" type="uias:certificateAuthorityType">
      <xs:annotation>
        <xs:documentation>
          <xhtml:p ism:classification="U" ism:ownerProducer="USA">Reflects the issuing PKI
certificate authority for the entity</xhtml:p>
        </xs:documentation>
      </xs:annotation>
    </xs:element>

    <xs:element name="Clearance" type="uias:clearanceType">
      <xs:annotation>
        <xs:documentation>
          <xhtml:p ism:classification="U" ism:ownerProducer="USA">Reflects the clearance or
classification level of the entity</xhtml:p>
        </xs:documentation>
      </xs:annotation>
    </xs:element>

    <xs:element name="CountryOfAffiliation" type="uias:countryOfAffiliationType">
      <xs:annotation>
        <xs:documentation>
          <xhtml:p ism:classification="U" ism:ownerProducer="USA">Reflects the citizenship(s)
or affiliation(s) of the entity</xhtml:p>
        </xs:documentation>
      </xs:annotation>
    </xs:element>

    <xs:element name="DigitalIdentifier" type="uias:digitalIdentifierType">
      <xs:annotation>
        <xs:documentation>
          <xhtml:p ism:classification="U" ism:ownerProducer="USA">Reflects the DN from the
entity's PKI certificate</xhtml:p>
```



```
        </xs:documentation>
      </xs:annotation>
    </xs:element>

    <xs:element name="DutyOrganization" type="uias:dutyOrganizationType">
      <xs:annotation>
        <xs:documentation>
          <xhtml:p ism:classification="U" ism:ownerProducer="USA">Reflects the assigned
organization of the entity</xhtml:p>
        </xs:documentation>
      </xs:annotation>
    </xs:element>

    <xs:element name="DutyOrganizationUnit" type="uias:dutyOrganizationUnitType">
      <xs:annotation>
        <xs:documentation>
          <xhtml:p ism:classification="U" ism:ownerProducer="USA">Reflects the assigned
organization unit structure of the entity</xhtml:p>
        </xs:documentation>
      </xs:annotation>
    </xs:element>

    <xs:element name="EntitySecurityMark" type="uias:entitySecurityMarkType">
      <xs:annotation>
        <xs:documentation>
          <xhtml:p ism:classification="U" ism:ownerProducer="USA">Classification and handling
of the entity's digital identifier</xhtml:p>
        </xs:documentation>
      </xs:annotation>
    </xs:element>

    <xs:element name="EntityType" type="uias:entityTypeType">
      <xs:annotation>
        <xs:documentation>
          <xhtml:p ism:classification="U" ism:ownerProducer="USA">Reflects the type of the
entity</xhtml:p>
        </xs:documentation>
      </xs:annotation>
    </xs:element>

    <xs:element name="FineAccessControls" type="uias:fineAccessControlsType">
      <xs:annotation>
        <xs:documentation>
          <xhtml:p ism:classification="U" ism:ownerProducer="USA">Reflects the fine grain
access aspects of control systems</xhtml:p>
        </xs:documentation>
      </xs:annotation>
    </xs:element>

    <xs:element name="Group" type="uias:groupType">
      <xs:annotation>
        <xs:documentation>
          <xhtml:p ism:classification="U" ism:ownerProducer="USA">Indicates the group
memberships associated with the entity</xhtml:p>
```



```
        </xs:documentation>
      </xs:annotation>
    </xs:element>

    <xs:element name="HandlingControls" type="uias:handlingControlsType">
      <xs:annotation>
        <xs:documentation>
          <xhtml:p ism:classification="U" ism:ownerProducer="USA"> Indicates the set of
            handling controls that an NPE is authorized to have</xhtml:p>
          </xs:documentation>
        </xs:annotation>
      </xs:element>

    <xs:element name="IcNetworks" type="uias:icNetworksType">
      <xs:annotation>
        <xs:documentation>
          <xhtml:p ism:classification="U" ism:ownerProducer="USA">List of other IC networks or
            domains to which an entity's digital identifier may be transmitted</xhtml:p>
          </xs:documentation>
        </xs:annotation>
      </xs:element>

    <xs:element name="IsICMember" type="uias:isICMemberType">
      <xs:annotation>
        <xs:documentation>
          <xhtml:p ism:classification="U" ism:ownerProducer="USA">Reflects whether or not the
            entity is a member of the Intelligence Community</xhtml:p>
          </xs:documentation>
        </xs:annotation>
      </xs:element>

    <xs:element name="LifecycleStatus" type="uias:lifeCycleStatusType">
      <xs:annotation>
        <xs:documentation>
          <xhtml:p ism:classification="U" ism:ownerProducer="USA">Indicates the life cycle
            phase in which the entity is operating</xhtml:p>
          </xs:documentation>
        </xs:annotation>
      </xs:element>

    <xs:element name="OriginatingNetwork" type="uias:originatingNetworkType">
      <xs:annotation>
        <xs:documentation>
          <xhtml:p ism:classification="U" ism:ownerProducer="USA">Reflects the network or
            domain that the entity's identity originates from</xhtml:p>
          </xs:documentation>
        </xs:annotation>
      </xs:element>

    <xs:element name="Region" type="uias:regionType">
      <xs:annotation>
        <xs:documentation>
          <xhtml:p ism:classification="U" ism:ownerProducer="USA">Indicates the individual
            countries or larger sub-regions such as geographical areas of combatant command
```

```

    Areas of Responsibility (AORs), Areas of Interest (AOIs), or State and Non-State
    Actor(s)</xhtml:p>
    </xs:documentation>
  </xs:annotation>
</xs:element>

<xs:element name="Role" type="uias:roleType">
  <xs:annotation>
    <xs:documentation>
      <xhtml:p ism:classification="U" ism:ownerProducer="USA">Indicates the position, job
      or area of responsibility associated with the entity</xhtml:p>
    </xs:documentation>
  </xs:annotation>
</xs:element>

<xs:element name="Topic" type="uias:topicType">
  <xs:annotation>
    <xs:documentation>
      <xhtml:p ism:classification="U" ism:ownerProducer="USA">Indicates the particular
      intelligence subject area(s) associated with the entity</xhtml:p>
    </xs:documentation>
  </xs:annotation>
</xs:element>

<!-- Element Groups -->

<xs:group name="UiasIdentityElementGroup">
  <xs:annotation>
    <xs:documentation>
      <xhtml:p ism:classification="U" ism:ownerProducer="USA">Group of UIAS Identity Elements</xhtml:p>
    </xs:documentation>
  </xs:annotation>
  <xs:sequence>
    <xs:element ref="uias:AdminOrganization"/>
    <xs:element ref="uias:AuditRoutingOrganization"/>
    <xs:element ref="uias:AuthorityCategory"/>
    <xs:element ref="uias:ATOStatus"/>
    <xs:element ref="uias:AICP"/>
    <xs:element ref="uias:Clearance"/>
    <xs:element ref="uias:CountryOfAffiliation"/>
    <xs:element ref="uias:DigitalIdentifier"/>
    <xs:element ref="uias:DutyOrganization"/>
    <xs:element ref="uias:DutyOrganizationUnit"/>
    <xs:element ref="uias:EntitySecurityMark"/>
    <xs:element ref="uias:EntityType"/>
    <xs:element ref="uias:FineAccessControls"/>
    <xs:element ref="uias:Group"/>
    <xs:element ref="uias:HandlingControls"/>
    <xs:element ref="uias:IcNetworks"/>
    <xs:element ref="uias:IsICMember"/>
    <xs:element ref="uias:LifecycleStatus"/>
    <xs:element ref="uias:Region"/>
  </xs:sequence>
</xs:group>

```

```

        <xs:element ref="uias:Role"/>
        <xs:element ref="uias:Topic"/>
    </xs:sequence>
</xs:group>

<xs:group name="UiasEnvironmentElementGroup">
    <xs:annotation>
        <xs:documentation>
            <xhtml:p ism:classification="U" ism:ownerProducer="USA">Group of UIAS Environment Elements</xhtml:p>
        </xs:documentation>
    </xs:annotation>
    <xs:sequence>
        <xs:element ref="uias:CertificateAuthority"/>
        <xs:element ref="uias:OriginatingNetwork"/>
    </xs:sequence>
</xs:group>

<xs:group name="UiasElementGroup">
    <xs:annotation>
        <xs:documentation>
            <xhtml:p ism:classification="U" ism:ownerProducer="USA">Group of UIAS Elements</xhtml:p>
        </xs:documentation>
    </xs:annotation>
    <xs:sequence>
        <xs:group ref="uias:UiasIdentityElementGroup"/>
        <xs:group ref="uias:UiasEnvironmentElementGroup"/>
    </xs:sequence>
</xs:group>

<xs:annotation>
    <xs:documentation>
        <xhtml:h2 ism:ownerProducer="USA" ism:classification="U">Formal Change List</xhtml:h2>
        <xhtml:table ism:ownerProducer="USA" ism:classification="U" id="ChangeHistory">
            <xhtml:caption>Change History</xhtml:caption>
            <xhtml:thead>
                <xhtml:tr>
                    <th>Version</th>
                    <th>Date</th>
                    <th>By</th>
                    <th>Description</th>
                </xhtml:tr>
            </xhtml:thead>
            <xhtml:tbody>
                <xhtml:tr>
                    <xhtml:td>2016-SEP</xhtml:td>
                    <xhtml:td>2016-02-17</xhtml:td>
                    <xhtml:td>ODNI/IC CIO/IAD</xhtml:td>
                    <xhtml:td>
                        <xhtml:ul>
                            <xhtml:li ism:ownerProducer="USA" ism:classification="U"> The schema
change logs will no longer be maintained as of the 2016-SEP
release. The existing change logs will only serve as legacy
information. For changes to schema as of and after 2016-SEP,
reference the change history in the DES.</xhtml:li>
                        </xhtml:ul>
                    </xhtml:td>
                </xhtml:tr>
            </xhtml:tbody>
        </xhtml:table>
    </xs:documentation>
</xs:annotation>

```

```

                </xhtml:ul>
            </xhtml:td>
        </xhtml:tr>
    </xhtml:tbody>
</xhtml:table>
</xs:documentation>
</xs:annotation>
</xs:schema>
```