



# **Guide to Schemas for USAgency**

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## **USAgency Schema Guide**

**Version 2022-JUL**

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## Chapter 1 - Introduction

### 1.1 - Purpose

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

Chapter 2 - Schema Files

2.1 - USAgency.xsd

```
<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema"
            xmlns:usagency="urn:us:gov:ic:usagency"
            xmlns:usaa="urn:us:gov:ic:cenum:usagency:agencyacronym"
            xmlns:usgaa="urn:us:gov:ic:cenum:usagency:usgovagencyacronym"
            xmlns:xhtml="http://www.w3.org/1999/xhtml-StopBrowserRendering"
            targetNamespace="urn:us:gov:ic:usagency"
            attributeFormDefault="qualified"
            elementFormDefault="qualified"
            xml:lang="en"
            ism:compliesWith="USGov USIC"
            ism:resourceElement="true"
            ism:createDate="2019-09-18"
            ism:DESVersion="202111"
            ism:ISMATCESVersion="202205"
            ism:classification="U"
            ism:ownerProducer="USA"
            version="202207">

    <xs:annotation>
        <xs:documentation>
            <xhtml:h1 ism:ownerProducer="USA" ism:classification="U">Intelligence Community
Technical Specification CVE Encoding Specification for US Agency Acronyms
(USAgency.CES)</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:
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        </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 CVE
Encoding Specification for US Agency Acronyms (USAgency.CES). </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 one
component of the CVE Encoding Specification (CES). Please see the document titled <xhtml:i>
            <xhtml:a href="../../Documents/USAgency/CesUSAgencyXml.pdf">CVE Encoding
Specification for US Agency Acronyms</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 CES may be overridden for
localized implementations. Therefore, permission to use, copy, modify and distribute
this XML Schema and the other parts of the CES 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 CES 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 USAgency.CES. </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:ul>
        <xhtml:li ism:ownerProducer="USA" ism:classification="U">The USAgency schema is not a
standalone construct; it should be imported into a parent XML schema.</xhtml:li>
        <xhtml:li ism:ownerProducer="USA" ism:classification="U">Refer to the <xhtml:i>
            <xhtml:a href=".../..Documents/USAgency/CesUSAgencyXml.pdf">CVE Data Encoding
Specification for US Agency Acronyms</xhtml:a>
        </xhtml:i> CVE Data Encoding Specification (USAgency.XML CES) for an explanation of the
controlled vocabularies.</xhtml:li>
        <xhtml:p ism:ownerProducer="USA" ism:classification="U">USAgency does not have a root node.
There are one or more peer elements that reference each of its CVE schema fragments.
</xhtml:p>
        <xhtml:li ism:ownerProducer="USA" ism:classification="U">Element USAgency contains all
valid Executive and Legislative branch acronyms.</xhtml:li>
        <xhtml:li ism:ownerProducer="USA" ism:classification="U">Element USGOVAgency contains all
valid Executive branch acronyms.</xhtml:li>
        <xhtml:li ism:ownerProducer="USA" ism:classification="U">The USAgency attributes are
intended to support distribution of ORCON data, and the exchange of enterprise
audit records.</xhtml:li>
        <xhtml:li ism:ownerProducer="USA" ism:classification="U">The controlled vocabularies
containing the values for populating the attributes are described in
the USAgency.XML CES.</xhtml:li>
        <xhtml:li ism:ownerProducer="USA" ism:classification="U">Elements declared in this
specification are conveniences to developers of Schema. Their use is not
required but was determined to be helpful for many Schemas that would otherwise
have to declare these simple elements. Schema developers are free to implement
their own versions of these elements.</xhtml:li>
    </xhtml:ul>
</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:usagency:agencyacronym"
    schemaLocation="..CVEGenerated/CVEnumUSAgencyAcronym.xsd"/>

<xs:import namespace="urn:us:gov:ic:cvenum:usagency:usgovagencyacronym"
```

```

    schemaLocation="./CVGenerated/CVEnumUSGOVAgencyAcronym.xsd"/>
<!--*****-->

<xs:attribute name="CESVersion">
  <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>

<xs:element name="USAgency" type="usaa:CVEnumUSAgencyAcronym">
  <xs:annotation>
    <xs:documentation xml:lang="en">
      <xhtml:p ism:ownerProducer="USA" ism:classification="U"> An element limited to
allowable agency acronyms for USA. Contains the Executive and Legistlative branch agencies. </xhtml:p>
    </xs:documentation>
  </xs:annotation>
</xs:element>

<xs:attribute name="usagency" type="usaa:CVEnumUSAgencyAcronym">
  <xs:annotation>
    <xs:documentation xml:lang="en">
      <xhtml:p ism:ownerProducer="USA" ism:classification="U"> An attribute limited to
allowable agency acronyms for USA. Contains the Executive and Legislative branch agencies. </xhtml:p>
    </xs:documentation>
  </xs:annotation>
</xs:attribute>

<xs:element name="USGOVAgency" type="usgaa:CVEnumUSGOVAgencyAcronym">
  <xs:annotation>
    <xs:documentation xml:lang="en">
      <xhtml:p ism:ownerProducer="USA" ism:classification="U"> An element limited to
allowable agency acronyms for USA. Contains the Executive branch agencies. </xhtml:p>
    </xs:documentation>
  </xs:annotation>
</xs:element>

<xs:attribute name="usgovagency" type="usgaa:CVEnumUSGOVAgencyAcronym">
  <xs:annotation>
```

```
<xs:documentation xml:lang="en">
  <xhtml:p ism:ownerProducer="USA" ism:classification="U"> An attribute limited to
allowable agency acronyms for USA. Contains the Executive branch agencies.</xhtml:p>
</xs:documentation>
</xs:annotation>
</xs:attribute>

<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>1</xhtml:td>
          <xhtml:td>2013-05-07</xhtml:td>
          <xhtml:td>Clay, ODNI/CIO/ME/DIA</xhtml:td>
          <xhtml:td>
            <xhtml:ul>
              <xhtml:li ism:ownerProducer="USA" ism:classification="U"> Initial
release of this module</xhtml:li>
            </xhtml:ul>
          </xhtml:td>
        </xhtml:tr>
        <xhtml:tr>
          <xhtml:td>2014-SEP</xhtml:td>
          <xhtml:td>2014-09-16</xhtml:td>
          <xhtml:td>Hodges, ODNI/CIO/ME</xhtml:td>
          <xhtml:td>
            <xhtml:ul>
              <xhtml:li ism:ownerProducer="USA" ism:classification="U">No change
to XSD.</xhtml:li>
            </xhtml:ul>
          </xhtml:td>
        </xhtml:tr>
        <xhtml:tr>
          <xhtml:td>2015-FEB</xhtml:td>
          <xhtml:td>2015-02-23</xhtml:td>
          <xhtml:td>ODNI/ IAD</xhtml:td>
          <xhtml:td>
            <xhtml:ul>
              <xhtml:li ism:ownerProducer="USA" ism:classification="U">No change
to XSD.</xhtml:li>
            </xhtml:ul>
          </xhtml:td>
        </xhtml:tr>
      </xhtml:tbody>
    </xhtml:table>
  </xs:documentation>
</xs:annotation>
```



```

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