

# AV-1 : Overview and Summary Information

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NOTICE: At the time this document was written, AP233 was still undergoing development.

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*This document defines the mapping between the DODAF AV-1 Overview and Summary Information and the ISO 10303 AP233 Systems Engineering information model. This mapping is defined for the purpose of enabling data exchange between computer applications supporting the ISO AP233 standard and those supporting the US DoDAF CADM format, specifically CADM 1.02.*

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## 1. Introduction

The AV-1 Overview and Summary Information in the DoDAF Volume II: Product Descriptions document defined AV-1 as follows.

The Overview and Summary Information provides executive-level summary information in a consistent form that allows quick reference and comparison among architectures. AV-1 includes assumptions, constraints, and limitations that may affect high-level decision processes involving the architecture.

## 2. AV-1 AP233 Mapping Issues

### Warning:

At the time this document was written, AP233 was still undergoing development.

This section describes the issues in mapping between AV-1 Overview and Summary Information and ISO AP233 as of the date of publication of this document. These issues may be addressed in future work by the DoDAF Working Group, the ISO AP233 development team or others.

1. The purpose of the ARCHITECTURE concept PROCESS-ACTIVITY IDENTIFIER attribute is unclear and therefore not currently mapped.

## 3. Mapping AV-1 CADM XML to AP233 XML

This section defines the mapping from the CADM XML representation of AV-1 Overview and Summary Information into an ISO AP233 XML representation of that same data. See AP233 for more information on the AP233 XML Schema and the AP233 EXPRESS schema.

Please review the rules for AP233 XML data production as they are applicable to all implementations.

### 3.1. AV-1 Mapping

This section describes the mapping for the CADM AV-1 itself.

See Example ARCH for example CADM XML AV-1 data.

CADM XML Element(s)	AP233 XML Element(s) or Attributes(s)
ARCH	A Document with related version and definition as specified in AP233 approach to documents.

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	The Document and related version and definition are classified as <b>Architecture</b> .
ARCH / ARCH_ID	The identifier for the Document assigned by the owning organization.
ARCH / TIME_FRAME_PRD_ID	An AP233 Time_interval and related Time_interval_assignment, with its Items child element containing a reference to the AP233 Document representing the CADM Architecture, as specified in AP233 Dates and times with the assignment classified as a <b>ArchitectureTimeFramePeriod</b> . The CADM Period concept is mapped to the AP233 Time_interval or Time_interval_with_bounds as appropriate.
ARCH / ARCHITECT_POC_ID	An AP233 Organization_or_person_in_organization_assignment classified as a <b>POINT-OF-CONTACT</b> , linking the AP233 Person representing the CADM Point of Contact and the AP233 Document representing the CADM Architecture.
ARCH / ARCH_CMD_LVL_CD	A classification of the AP233 element representing the Architecture depending on the following values. <ul style="list-style-type: none"> <li>• 01 = UNIFIED COMMAND</li> <li>• 02 = SPECIFIED COMMAND</li> <li>• 03 = MILITARY DEPARTMENT</li> <li>• 04 = DEFENSE AGENCY</li> </ul>
ARCH / ARCH_CMPLTN_CALDT	See AP233 Dates. The Date_or_date_time_assignment element child Items element refers to the Document representing the ARCH and the Date_or_date_time_assignment is classified as an <b>Date_actual_completion</b> .
ARCH / ARCH_COMPL_STA_CD	A classification of the AP233 element representing the Architecture depending on the following values. <ul style="list-style-type: none"> <li>• when 1 = UNDER DEVELOPMENT, classified as <b>COMPLETION-STATUS-UNDER DEVELOPMENT</b></li> <li>• when 2 = DRAFT, classified as <b>COMPLETION-STATUS-DRAFT</b></li> <li>• when 3 = COMPLETE, classified as</li> </ul>

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	<p><b>COMPLETION-STATUS-COMPLETE</b></p> <ul style="list-style-type: none"> <li>when 4 = UNDER ANALYSIS, classified as <b>COMPLETION-STATUS-UNDER-ANALYSIS</b></li> <li>when 8 = NOT SPECIFIED, classified as <b>COMPLETION-STATUS-NOT-SPECIFIED</b></li> <li>when 9 = NOT KNOWN, classified as <b>COMPLETION-STATUS-NOT-KNOWN</b></li> </ul>
ARCH / ARCH_CONTEXT_TX	An AP233 Description_text and related assignment to the AP233 representation of the CADM Architecture as specified in with the assignment classified as a <b>ContextText</b> .
ARCH / ARCH_DATABASE_NM	An AP233 Document_assignment relating an AP233 Document, classified as a <b>Database</b> and with an identifier classified as a <b>Name</b> , representing the Database with the AP233 Document representing the CADM Architecture. The AP233 Document_assignment is classified as a <b>Database-Maintained-For-Architecture</b> .
ARCH / ARCH_DESCR_TX	An AP233 Description_text and related assignment to the AP233 representation of the CADM Architecture as specified in with the assignment classified as a <b>DescriptionText</b> .
ARCH / ARCH_END_DT	See AP233 Dates. The Date_or_date_time_assignment element child Items element refers to the Document representing the ARCH and the Date_or_date_time_assignment is classified as an <b>Date_effective_end</b> .
ARCH / ARCH_START_DT	See AP233 Dates. The Date_or_date_time_assignment element child Items element refers to the Document representing the ARCH and the Date_or_date_time_assignment is classified as an <b>Date_effective_start</b> .
ARCH / ARCH_GRAN_CD	A classification of the AP233 element representing the Architecture depending on the following values. <ul style="list-style-type: none"> <li>01 = GLOBAL, classified as <b>GRANULARITY-GLOBAL</b></li> <li>02 = STRATEGIC, classified as <b>GRANULARITY-STRATEGIC</b></li> <li>03 = OPERATIONAL, classified as</li> </ul>

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	<p><b>GRANULARITY-OPERATIONAL</b></p> <ul style="list-style-type: none"> <li>• 04 = TACTICAL, classified as <b>GRANULARITY-TACTICAL</b></li> </ul>
ARCH / ARCH_IMPL_CHAR_CD	<p>A classification of the AP233 element representing the Architecture depending on the following values.</p> <ul style="list-style-type: none"> <li>• when R = REAL, classified as <b>IMPLEMENTABILITY-CHARACTERIZATION-REAL</b></li> <li>• when N = NOTIONAL, classified as <b>IMPLEMENTABILITY-CHARACTERIZATION-NOTIONAL</b></li> </ul>
ARCH / ARCH_LVL_CD	<p>A classification of the AP233 element representing the Architecture depending on the following values.</p> <ul style="list-style-type: none"> <li>• 01 = ENTERPRISE LEVEL</li> <li>• 02 = FUNCTIONAL LEVEL</li> <li>• 03 = MISSION LEVEL</li> <li>• 98 = NOT SPECIFIED</li> <li>• 99 = NOT KNOWN</li> </ul>
ARCH / ARCH_NM	<p>An identifier for the Document assigned by the owning organization classified as a <b>Name</b>.</p>
ARCH / ARCH_OBJTV_TX	<p>An AP233 Description_text and related assignment to the AP233 representation of the CADM Architecture as specified in with the assignment classified as a <b>ObjectiveText</b>.</p>
ARCH / ARCH_PURP_CNSTR_TX	<p>An AP233 Description_text and related assignment to the AP233 representation of the CADM Architecture as specified in with the assignment classified as a <b>PurposeConstraintText</b>.</p>
ARCH / ARCH_PURP_TX	<p>An AP233 Description_text and related assignment to the AP233 representation of the CADM Architecture as specified in with the assignment classified as a <b>PurposeText</b>.</p>
ARCH / ARCH_REGIS_ID	<p>The identifier for the Document assigned by the owning organization classified as a <b>RegistrationIdentifier</b></p>
ARCH / ARCH_REL_CALDT	<p>See AP233 Dates. The Date_or_date_time_assignment element child Items element refers to the Document representing the ARCH and the Date_or_date_time_assignment is</p>

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	classified as an <b>Date_actual_release</b> .
ARCH / ARCH_SCP_TX	An AP233 <i>Description_text</i> and related assignment to the AP233 representation of the CADM Architecture as specified in with the assignment classified as a <b>ScopeText</b> .
ARCH / ARCH_SMRY_DESCR_TX	An AP233 <i>Description_text</i> and related assignment to the AP233 representation of the CADM Architecture as specified in with the assignment classified as a <b>SummaryText</b> .
ARCH / ARCH_TEMP_SCOPE_CD	A classification of the AP233 element representing the Architecture depending on the following values. <ul style="list-style-type: none"> <li>• 1 = AS IS</li> <li>• 2 = TO BE</li> <li>• 8 = NOT SPECIFIED</li> <li>• 9 = NOT KNOWN</li> </ul>
ARCH / ARCH_USE_TY_CD	A classification of the AP233 element representing the Architecture depending on the following values. <ul style="list-style-type: none"> <li>• 01 = BASELINE</li> <li>• 02 = OBJECTIVE</li> <li>• 03 = TARGET</li> <li>• 04 = EXCURSION</li> <li>• 09 = OTHER</li> </ul>
ARCH / ARCH_VERS_ID	The Id of the AP233 <i>Document_version</i> related to the AP233 <i>Document</i> representing the CADM Architecture.
ARCH / ARCH_VW_TY_CD	A classification of the AP233 element representing the Architecture depending on the following values. <ul style="list-style-type: none"> <li>• 01 = OPERATIONAL ARCHITECTURE VIEW</li> <li>• 02 = SYSTEM ARCHITECTURE VIEW</li> <li>• 03 = TECHNICAL ARCHITECTURE VIEW</li> <li>• 04 = ALL VIEWS</li> <li>• 05 = OTHER VIEW</li> <li>• 08 = NOT KNOWN</li> <li>• 09 = NOT SPECIFIED</li> </ul>
ARCH / ARCH_VIEWPT_NM	The Name of the AP233 <i>Document_definition</i> related to the AP233 <i>Document</i> representing the CADM Architecture.
ARCH / ARCH_WAREHOUSE_ID	An AP233 <i>Document_assignment</i> relating an

	AP233 Document, classified as a <b>Warehouse</b> and with an identifier representing the Warehouse with the AP233 Document representing the CADM Architecture. The AP233 Document_assignment is classified as a <b>Architecture-Warehouse</b> .
ARCH / CSC_ID	See issues in other mappings.
ARCH / CONOP_DOC_ID	An AP233 Document_assignment relating an AP233 Document, classified as a <b>Concept-Of-Operations</b> , with the identifier that is the CONOP_DOC_ID, with the AP233 Document representing the CADM Architecture. The AP233 Document_assignment is classified as a <b>Architecture-Concept-Of-Operations</b> .
ARCH / PA_ID	See AV-1 Issues.
ARCH / SC_CD	An AP233 Security_classification assigned to the AP233 Document representing the CADM Architecture based on the following word, not code, values.  01 = CONFIDENTIAL; 02 = CONFIDENTIAL RESTRICTED; 03 = FOR OFFICIAL USE ONLY; 04 = NATO CONFIDENTIAL; 05 = NATO CONFIDENTIAL ATOMAL; 06 = NATO RESTRICTED; 07 = NATO SECRET; 08 = NATO SECRET ATOMAL; 09 = NATO TOP SECRET; 10 = NATO TOP SECRET ATOMAL; 11 = SECRET; 12 = SECRET RESTRICTED; 13 = TOP SECRET; 14 = UNCLASSIFIED; 15 = UNCLASSIFIED SENSITIVE; 16 = NATO UNCLASSIFIED; 17 = NO CLASSIFICATION; 18 = CONFIDENTIAL/NO FOREIGN; 19 = SECRET/NO FOREIGN.

**Table 1: Within the ARCH\_TBL CADM XML Element**

### 3.2. AV-1 ARCHITECTURE-DOCUMENT Mapping

This section describes the mapping for the CADM ARCHITECTURE-DOCUMENT.

See Example ARCH\_DOC for example CADM XML ARCHITECTURE-DOCUMENT data.

CADM XML Element(s)	AP233 XML Element(s) or Attributes(s)
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ARCH_DOC	An AP233 Document_assignment or Document_definition_relationship as specified in AP233 approach to documents depending on the value of the CADM ARCH_DOC / ARCHDOC_ROLE_CD.
ARCH_DOC / ARCH_ID and ARCH_DOC / DOC_ID	<p>Mapped as follows depending on the value of the CADM ARCH_DOC / ARCHDOC_ROLE_CD where the AP233 Document_assignment Is_assigned_to and Assigned_document references are set:</p> <ul style="list-style-type: none"> <li>• when 01 = ARCHITECTURE IS DESCRIBED IN DOCUMENT, the ARCH_ID maps to Is_assigned_to and the DOC_ID maps to Assigned_document.</li> <li>• when 02 = ARCHITECTURE IS PROMULGATED BY DOCUMENT, the ARCH_ID maps to Is_assigned_to and the DOC_ID maps to Assigned_document.</li> <li>• when 03 = ARCHITECTURE CITES DOCUMENT, the ARCH_ID maps to Assigned_document and the DOC_ID maps to Is_assigned_to.</li> <li>• when 05 = ARCHITECTURE IS AUTHORIZED BY DOCUMENT, the ARCH_ID maps to Is_assigned_to and the DOC_ID maps to Assigned_document.</li> <li>• when 08 = NOT SPECIFIED, the ARCH_ID maps to Is_assigned_to and the DOC_ID maps to Assigned_document.</li> <li>• when 09 = NOT KNOWN, the ARCH_ID maps to Is_assigned_to and the DOC_ID maps to Assigned_document.</li> </ul> <p>When 04 = ARCHITECTURE HAS A PRODUCT IN THE FORM OF DOCUMENT, the ARCH_DOC is mapped to a Document_definition_relationship and the ARCH_ID maps to a reference via the Relating_document definition and the DOC_ID maps to a reference via the Related_document definition.</p>
ARCH_DOC / ARCHDOC_DESCR_TX	When the ARCH_DOC is mapped to an AP233 Document_assignment, an AP233 Description_text and related assignment to the AP233 representation of the CADM Architecture Document as specified in with the assignment

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	<p>classified as a <b>DescriptionText</b>.</p> <p>When the ARCH_DOC maps to an AP233 Document_definition_relationship, it maps to the Description.</p>
ARCH_DOC / ARCHDOC_ID	<p>The identifier for the Document_assignment or Document_definition_relationship assigned by the owning organization.</p>
ARCH_DOC / ARCHDOC_ROLE_CD	<p>A classification of the AP233 element representing the CADM ARCH_DOC depending on the following values.</p> <ul style="list-style-type: none"> <li>when 01 = ARCHITECTURE IS DESCRIBED IN DOCUMENT, the AP233 Document_assignment is classified as <b>ARCHITECTURE-DOCUMENT-ROLE-DESCRIPTION</b></li> <li>when 02 = ARCHITECTURE IS PROMULGATED BY DOCUMENT, the AP233 Document_assignment is classified as <b>ARCHITECTURE-DOCUMENT-ROLE-PROMULATION</b></li> <li>when 03 = ARCHITECTURE CITES DOCUMENT, the AP233 Document_assignment is classified as <b>ARCHITECTURE-DOCUMENT-ROLE-CITATION</b></li> <li>when 04 = ARCHITECTURE HAS A PRODUCT IN THE FORM OF DOCUMENT, the AP233 Document_definition_relationship is classified as <b>ARCHITECTURE-DOCUMENT-ROLE-ARCHITECTURE-P</b></li> <li>when 05 = ARCHITECTURE IS AUTHORIZED BY DOCUMENT, the AP233 Document_assignment is classified as <b>ARCHITECTURE-DOCUMENT-ROLE-AUTHORIZATION</b></li> <li>when 08 = NOT SPECIFIED, the AP233 Document_assignment is classified as <b>ARCHITECTURE-DOCUMENT-ROLE-NOT-SPECIFIED</b></li> <li>when 09 = NOT KNOWN, the AP233 Document_assignment is classified as <b>ARCHITECTURE-DOCUMENT-ROLE-NOT-KNOWN</b></li> </ul>

**Table 1: Within the ARCH\_TBL CADM XML Element**

### 3.3. AV-1 ARCHITECTURE-ORGANIZATION Mapping

This section describes the mapping for the CADM ARCHITECTURE-DOCUMENT.

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See Example ARCH\_ORG for example CADM XML ARCHITECTURE-ORGANIZATION data.

CADM XML Element(s)	AP233 XML Element(s) or Attributes(s)
ARCH_ORG	An AP233 <code>Organization_or_person_in_organization_assignment</code> linking the AP233 <code>Organization</code> representing the CADM <code>Organization</code> and the AP233 <code>Document</code> representing the CADM <code>Architecture</code> .
ARCH_ORG / ARCH_ID	A reference to the AP233 <code>Document</code> representing the CADM <code>Architecture</code> in the <code>Items</code> child element of the <code>Organization_or_person_in_organization_assignment</code> element.
ARCH_ORG / ARCH_ORG_ALT_ID	The identifier for the <code>Organization_or_person_in_organization_assignment</code> assigned by the owning organization with the identifier classified as an <b>AlternateIdentifier</b> .
ARCH_ORG / ARCH_ORG_CALDT	See AP233 <code>Dates</code> . The <code>Date_or_date_time_assignment</code> element child <code>Items</code> element refers to the <code>Organization_or_person_in_organization_assignment</code> representing the <code>ARCH_ORG</code> and the <code>Date_or_date_time_assignment</code> is classified as a <b>Date_actual_creation</b> .
ARCH_ORG / AR_ORG_FLREF_NM	The identifier for the <code>Organization</code> assigned by the owning organization classified as <b>FULL-REFERENCE-NAME</b> .
ARCH_ORG / ARCH_ORG_ID	The identifier for the <code>Organization_or_person_in_organization_assignment</code> assigned by the owning organization.
ARCH_ORG / ARCH_ORG_ROLE_CD	A classification of the AP233 element representing the CADM <code>ARCH_ORG</code> depending on the following values, the words not the code. 01 = ARCHITECTURE IS STRUCTURED UNDER THE CONTROL OF ORGANIZATION; 02 = ARCHITECTURE IS DEVELOPED BY ORGANIZATION; 03 = ARCHITECTURE IS MANAGED BY ORGANIZATION; 04 = ARCHITECTURE IS REFERENCED BY ORGANIZATION; 05 = ARCHITECTURE IS EXECUTED BY ORGANIZATION; 06 =

	ARCHITECTURE IS SUPPORTED BY ORGANIZATION; 07 = ARCHITECTURE IS PLANNED BY ORGANIZATION; 08 = ORGANIZATION IS THE ARCHITECT OF ARCHITECTURE; 09 = ARCHITECTURE IS IMPLEMENTED BY ORGANIZATION; 10 = ARCHITECTURE IS OWNED BY ORGANIZATION; 98 = NOT SPECIFIED; 99 = NOT KNOWN.
ARCH_ORG / ORG_ID	A reference to the AP233 Organization representing the CADM Organization in the Assigned_entity child element of the Organization_or_person_in_organization_assignment element.

**Table 1: Within the ARCH\_ORG\_TBL CADM XML Element**

### 3.4. AV-1 OPERATIONAL-SCENARIO Mapping

This section describes the mapping for the CADM OPERATIONAL-SCENARIO.

See Example OP\_SCENARIO for example CADM XML OPERATIONAL-SCENARIO data.

CADM XML Element(s)	AP233 XML Element(s) or Attributes(s)
OP_SCENARIO	An AP233 Activity_method representing a TypicalActivity as specified in AP233 Activities, classified as an <b>Operational-Scenario</b>
OP_SCENARIO / CSC_ID	See issues in other mappings.
OP_SCENARIO / DESCRIBING_DOC_ID	An AP233 Document_assignment linking the AP233 Document with the AP233 Activity_method representing the CADM Operational Scenario.
OP_SCENARIO / OP_SCEN_DESCR_TX	The Description child element of the AP233 Activity_method.
OP_SCENARIO / OPSCEN_GEO_RGN_NM	An identifier for an AP233 Location assigned by the owning organization classified as a <b>Name</b> . An AP233 Location_assignment links the Location to the Activity_method representing the Operational Scenario as specified in AP233 Locations.
OP_SCENARIO / OP_SCEN_ID	The identifier for the Activity_method

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	assigned by the owning organization.
OP_SCENARIO / OP_SCEN_NM	An identifier for the Activity_method assigned by the owning organization classified as a <b>Name</b> .
OP_SCENARIO / OPSCEN_SUMMRY_TX	An AP233 Description_text and related assignment to the AP233 representation of the CADM Operational Scenario as specified in AP233 Descriptions with the assignment classified as a <b>SummaryText</b> .
OP_SCENARIO / SC_CD	An AP233 Security_classification assigned to the AP233 Activity_method with child element Security_level containing the text (not the number) of the CADM Security Code.

**Table 1: Within the OP\_SCENARIO\_TBL CADM XML Element**

## 4. Example AV-1 CADM XML Data

This section contains example AV-1 CADM XML data.

### 4.1. Example ARCH

```
<DOC_ID>67670001</DOC_ID>
  <DOC_NM>TRP {AV-1}</DOC_NM>
  <SC_CD>14</SC_CD>
  <CSC_ID>20000001</CSC_ID>
  <TIME_FRAME_PRD_ID>20102341</TIME_FRAME_PRD_ID>
  <DOC_APP_CALDT>20031126</DOC_APP_CALDT>
  <DOC_ABBRV_NM>TRP TECHSTDPROFL</DOC_ABBRV_NM>
  <DOC_ARCHPROD_TY_CD>98</DOC_ARCHPROD_TY_CD>
  <DOC_ORIGINATOR_NM>AIP PHASE II TEAM</DOC_ORIGINATOR_NM>
  <DOC_CRTN_CALDT>20031203</DOC_CRTN_CALDT>
  <DOC_DESC_TX>TRP DOCUMENT THAT REFERENCES THE TECHNICAL STANDARDS THAT
APPLY TO
      THE TRP INTEGRATED ARCHITECTURE AND HOW THEY ARE TO BE
IMPLEMENTED
  </DOC_DESC_TX>
  <DOC_NOTATION_TX>TEXT</DOC_NOTATION_TX>
  <DOC_CAT_CD>J</DOC_CAT_CD>
  <DOC_PROMULG_CD>998</DOC_PROMULG_CD>
  <DOC_RMKT_TX>VALIDATED FOR AIPP PHASE II UNDER OASD(NII)
GUIDANCE</DOC_RMKT_TX>
  <DOC_TMPRL_SCP_CD>3</DOC_TMPRL_SCP_CD>
  <DOC_VER_ID>VERSION 1.0</DOC_VER_ID>
  <DCMNT_RNG_CD>B</DCMNT_RNG_CD>
  <DOC_URL_TX>NONE PROVIDED</DOC_URL_TX>
  <DOC_TY_CD>98</DOC_TY_CD>
```

```
<DOC_PUB_DT>20031203</DOC_PUB_DT>
```

```
<ARCH>
</ARCH>
```

## 4.2. Example ARCH\_DOC

```
<ARCH_DOC>
  <ARCH_ID>67670001</ARCH_ID>
  <DOC_ID>20003227</DOC_ID>
  <ARCHDOC_DESCR_TX>Links AV-1 and AV-2</ARCHDOC_DESCR_TX>
  <ARCHDOC_ID>67670020</ARCHDOC_ID>
  <ARCHDOC_ROLE_CD>04</ARCHDOC_ROLE_CD>
</ARCH_DOC>
```

## 4.3. Example ARCH\_ORG

```
<ARCH_ORG>
  <ARCH_ID>67670001</ARCH_ID>
  <ARCH_ORG_ALT_ID>LOGCOM</ARCH_ORG_ALT_ID>
  <ARCH_ORG_CALDT>20041208</ARCH_ORG_CALDT>
  <AR_ORG_FLREF_NM>US ARMY LOGISTICS COMMAND</AR_ORG_FLREF_NM>
  <ARCH_ORG_ID>84840001</ARCH_ORG_ID>
  <ARCH_ORG_ROLE_CD>02</ARCH_ORG_ROLE_CD>
  <ORG_ID>25250001</ORG_ID>
</ARCH_ORG>
```

## 4.4. Example OP\_SCENARIO

```
<OP_SCENARIO>
  <OP_SCEN_DESCR_TX>Do this scenario.</OP_SCEN_DESCR_TX>
  <OPSCEN_GEO_RGN_NM>Europe</OPSCEN_GEO_RGN_NM>
  <OP_SCEN_ID>43210001</OP_SCEN_ID>
  <OP_SCEN_NM>European Scenario 1</OP_SCEN_NM>
  <OPSCEN_SUMMRY_TX>This text summarizes the European Scenario
1.</OPSCEN_SUMMRY_TX>
</OP_SCENARIO>
```

## 5. Example AV-1 AP233 XML Data

This section contains example AV-1 AP233 XML data.

### 5.1. Example Document

```
<ap233:External_class id="id-Document_identification_code">
<Id>http://www.cadm.org#Document_identification_code</Id>
<Name>Document Identification Code</Name>
<External_source>
  <ap233:External_class_library xsi:nil="true" ref="id-cadmlib" />
</External_source>
</ap233:External_class>

<ap233:Document id="id-doc12771" />
```

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```
<ap233:Identification_assignment id="id-doc12771-idassign">
  <Identifier>20003227</Identifier>
  <Items>
    <ap233:Document ref="id-doc12771" xsi:nil="true" />
  </Items>
</ap233:Identification_assignment>

<ap233:Classification_assignment
id="id-doc12771-idassign-classification_assignment">
  <Items>
    <ap233:Identification_assignment ref="id-doc12771-idassign"
xsi:nil="true" />
  </Items>
  <Assigned_class>
    <ap233:External_class ref="id-Document_identification_code"
xsi:nil="true" />
  </Assigned_class>
</ap233:Classification_assignment>
```

## 5.2. Example Document\_version and Document\_definition

```
<ap233:Document_version id="id-docver12804">
  <Of_product>
    <ap233:Document ref="id-doc12804" xsi:nil="true" />
  </Of_product>
</ap233:Document_version>

<ap233:Document_definition id="id-docdef12804">
  <Defined_version>
    <ap233:Document_version ref="id-docver12804" xsi:nil="true" />
  </Defined_version>
  <Initial_context>
    <ap233:View_definition_context ref="id-av1" xsi:nil="true" />
  </Initial_context>
</ap233:Document_definition>

<ap233:Classification_assignment
id="id-docver12804-classification_assignment">
  <Items>
    <ap233:Document_version ref="id-docver12804" xsi:nil="true" />
  </Items>
  <Assigned_class>
    <ap233:External_class ref="id-Information_technology_standard"
xsi:nil="true" />
  </Assigned_class>
</ap233:Classification_assignment>

<ap233:Classification_assignment
id="id-docdef12804-classification_assignment">
  <Items>
    <ap233:Document_definition ref="id-docdef12804" xsi:nil="true" />
  </Items>
  <Assigned_class>
```

```

    <ap233:External_class ref="id-Information_technology_standard"
xsi:nil="true" />
  </Assigned_class>
</ap233:Classification_assignment>

```

### 5.3. Example Activity\_method

```

<ap233:Activity_method id="id-actmet13178">
  <Description>Do this scenario.</Description>
</ap233:Activity_method>

<ap233:Classification_assignment
id="id-actmet13178-classification_assignment2">
  <Items>
    <ap233:Activity_method ref="id-actmet13178" xsi:nil="true" />
  </Items>
  <Assigned_class>
    <ap233:External_class ref="id-Operational-Scenario" xsi:nil="true" />
  </Assigned_class>
</ap233:Classification_assignment>

<ap233:Identification_assignment
id="id-actmet13178Identification_code-idassign">
  <Identifier>43210001</Identifier>
  <Role>Identification_code</Role>
  <Items>
    <ap233:Activity_method ref="id-actmet13178" xsi:nil="true" />
  </Items>
</ap233:Identification_assignment>

<ap233:Classification_assignment
id="id-actmet13178Identification_code-idassign-classification_assignment">
  <Items>
    <ap233:Identification_assignment
ref="id-actmet13178Identification_code-idassign"
xsi:nil="true" />
  </Items>
  <Assigned_class>
    <ap233:External_class ref="id-Identification_code" xsi:nil="true" />
  </Assigned_class>
</ap233:Classification_assignment>

<ap233:Classification_assignment
id="id-actmet13178-classification_assignment">
  <Items>
    <ap233:Activity_method ref="id-actmet13178" xsi:nil="true" />
  </Items>
  <Assigned_class>
    <ap233:External_class ref="id-Typical_activity" xsi:nil="true" />
  </Assigned_class>
</ap233:Classification_assignment>

```

### 5.4. Example Document\_assignment

## AV-1 : Overview and Summary Information

```
<ap233:Location id="id-loc12345">
  <Name>Europe</Name>
</ap233:Location>

<ap233:Identification_assignment id="id-loc12345-idassign">
  <Identifier>Europe</Identifier>
  <Items>
    <ap233:Location ref="id-loc12345" xsi:nil="true" />
  </Items>
</ap233:Identification_assignment>

<ap233:Classification_assignment
id="id-loc12345-idassign-classification_assignment">
  <Items>
    <ap233:Identification_assignment ref="id-loc12345-idassign"
xsi:nil="true" />
  </Items>
  <Assigned_class>
    <ap233:External_class ref="id-Name" xsi:nil="true" />
  </Assigned_class>
</ap233:Classification_assignment>

<ap233:Location_assignment id="id-locassign12345">
  <Entity_for_location>
    <ap233:Activity_method ref="id-actmet13178" xsi:nil="true" />
  </Entity_for_location>
  <Location_for_assignment>
    <ap233:Location ref="id-loc12345" xsi:nil="true" />
  </Location_for_assignment>
</ap233:Location_assignment>
```

### 5.5. Example Document\_assignment

```
<ap233:Document_assignment id="id-docassign9876">
  <Assigned_document>
    <ap233:Document ref="id-doc12771" xsi:nil="true" />
  </Assigned_document>
  <Is_assigned_to>
    <ap233:Document ref="id-doc-that-cites-arch-9999" xsi:nil="true" />
  </Is_assigned_to>
</ap233:Document_assignment>

<ap233:Classification_assignment
id="id-loc12345-idassign-classification_assignment">
  <Items>
    <ap233:Document_assignment ref="id-docassign9876" xsi:nil="true" />
  </Items>
  <Assigned_class>
    <ap233:External_class ref="id-ARCHITECTURE-DOCUMENT-ROLE-CITATION"
xsi:nil="true" />
  </Assigned_class>
</ap233:Classification_assignment>
```

## 5.6. Example Organization\_or\_person\_in\_organization\_assignment

```

<ap233:Organization_or_person_in_organization_assignment
  id="id-orgassign12345">
  <Assigned_entity>
    <ap233:Organization ref="id-org12345" xsi:nil="true" />
  </Assigned_entity>
  <Items>
    <ap233:Document id="id-doc12771" />
  </Items>
</ap233:Organization_or_person_in_organization_assignment>

<ap233:Identification_assignment id="id-orgassign12345-idassign">
  <Identifier>LOGCOM</Identifier>
  <Items>
    <ap233:Organization_or_person_in_organization_assignment
      ref="id-orgassign12345" xsi:nil="true" />
  </Items>
</ap233:Identification_assignment>

<ap233:Classification_assignment id="id-idassngclass12345-1">
  <Items>
    <ap233:Identification_assignment ref="id-orgassign12345-idassign"
xsi:nil="true" />
  </Items>
  <Assigned_class>
    <ap233:External_class ref="id-AlternateIdentifier" xsi:nil="true" />
  </Assigned_class>
</ap233:Classification_assignment>

<ap233:Classification_assignment id="id-idassngclass12345-2">
  <Items>
    <ap233:Organization_or_person_in_organization_assignment
      ref="id-orgassign12345" xsi:nil="true" />
  </Items>
  <Assigned_class>
    <ap233:External_class ref="id-DevelopingOrganization" xsi:nil="true" />
  </Assigned_class>
</ap233:Classification_assignment>

```