



Identity Metasystem Interoperability Version 1.0 Errata

Committee Draft 01

4 May 2010

Specification URIs:

This Version:

<http://docs.oasis-open.org/imi/identity/v1.0/cd/identity-1.0-errata-cd-01.html>
<http://docs.oasis-open.org/imi/identity/v1.0/cd/identity-1.0-errata-cd-01.doc> (Authoritative)
<http://docs.oasis-open.org/imi/identity/v1.0/cd/identity-1.0-errata-cd-01.pdf>

Previous Version:

N/A

Latest Version:

<http://docs.oasis-open.org/imi/identity/v1.0/identity-1.0-errata.html>
<http://docs.oasis-open.org/imi/identity/v1.0/identity-1.0-errata.doc> (Authoritative)
<http://docs.oasis-open.org/imi/identity/v1.0/identity-1.0-errata.pdf>

Technical Committee:

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Related work:

This specification errata is related to [OASIS Specification Identity Metasystem Interoperability Version 1.0](#).

Declared XML Namespace(s):

<http://schemas.xmlsoap.org/ws/2005/05/identity>

Abstract:

This document lists errata for **OASIS Standard Identity Metasystem Interoperability Version 1.0 [IMI 1.0]** produced by the Identity Metasystem Interoperability (IMI) Technical Committee. The standard was approved by the OASIS membership on 1 July 2009.

Status:

This document was last revised or approved by the Identity Metasystem Interoperability TC on the above date. The level of approval is also listed above. Check the "Latest Version" or "Latest Approved Version" location noted above for possible later revisions of this document.

Technical Committee members should send comments on this specification to the Technical Committee's email list. Others should send comments to the Technical Committee by using the "Send a Comment" button on the Technical Committee's web page at <http://www.oasis-open.org/committees/imi/>.

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1 Introduction

1.1 Issues Addressed

The following issues related to Identity Metasystem Interoperability Version 1.0 as recorded in the [IMI Issues] have been addressed in this document.

1.1.1 Issue IMI-33

Issue	Description
IMI-33	Published identity-1.0-os.xsd inconsistent with spec

Description:

<http://docs.oasis-open.org/imi/identity/v1.0/os/identity-1.0-os.xsd> contains:

```
<xs:element ref="tns:TokenServiceList" minOccurs="0" />
<xs:element ref="tns:SupportedTokenTypeInfo" />
<xs:element ref="tns:SupportedClaimTypeInfo" />
```

whereas the schema in Section 3.1.1 of <http://docs.oasis-open.org/imi/identity/v1.0/os/identity-1.0-spec-os.html> includes:

```
<ic:TokenServiceList> ... </ic:TokenServiceList>
<ic:SupportedTokenTypeInfo> ... </ic:SupportedTokenTypeInfo> ?
<ic:SupportedClaimTypeInfo> ... </ic:SupportedClaimTypeInfo> ?
```

This is exactly backwards from the xsd in terms of which fields are optional.

Within the IMI 1.0 spec, Section 3.1.1 matches 3.1.1.2, which specifies that TokenServiceList MUST be provided, 3.1.1.3, which specifies that SupportedTokenTypeInfo SHOULD be provided, and 3.1.1.4, which specifies that SupportedClaimTypeInfo SHOULD be provided, so the spec is internally consistent.

Proposal:

Update the xsd to match the spec, as an errata action. Specifically, the lines cited would become:

```
<xs:element ref="tns:TokenServiceList" />
<xs:element ref="tns:SupportedTokenTypeInfo" minOccurs="0" />
<xs:element ref="tns:SupportedClaimTypeInfo" minOccurs="0" />
```

Action Taken:

The schema file was updated to match the specification, as per the proposal.

1.2 Namespaces

Table 1 lists the XML namespaces that are used in this document.

Prefix	XML Namespace	Specification(s)
tns	http://schemas.xmlsoap.org/ws/2005/05/identity	IMI 1.0 [IMI 1.0]
xs	http://www.w3.org/2001/XMLSchema	XML Schema [Part 1, 2]

Note that the versions identified in the above table supersede versions identified in referenced specifications.

1.3 Schema

A copy of the XML Schemas for this document can be found at:

<http://docs.oasis-open.org/imi/identity/v1.0/cd/identity-1.0-errata-cd-01.xsd>

1.4 Normative References

- [IMI Issues]** IMI TC Issues List
<http://tools.oasis-open.org/issues/browse/imi>
- [IMI 1.0]** OASIS Standard, "Identity Metasystem Interoperability V1.0", July 2009.
<http://docs.oasis-open.org/imi/identity/v1.0/os/identity-1.0-spec-os.pdf>
- [XML Schema, Part 1]** H. Thompson et al., "XML Schema Part 1: Structures", May 2001.
<http://www.w3.org/TR/xmlschema-1/>
- [XML Schema, Part 2]** P. Biron et al., "XML Schema Part 2: Datatypes", May 2001.
<http://www.w3.org/TR/xmlschema-2/>

1.5 Non-Normative References

N/A

2 Typographical/Editorial Errors

2.1 Section 3.1.1 minOccurs Values

The `tns:InformationCard` schema had `minOccurs` values defined that did not match the values defined in the specification. The following schema fragment was corrected.

Original, incorrect, schema fragment

```
<xs:element name="InformationCard" type="tns:InformationCardType" />
<xs:complexType name="InformationCardType">
  <xs:sequence>
    <xs:element ref="tns:InformationCardReference" />
    <xs:element ref="tns:CardName" minOccurs="0" />
    <xs:element ref="tns:CardImage" minOccurs="0" />
    <xs:element ref="tns:Issuer" />
    <xs:element ref="tns:TimeIssued" />
    <xs:element ref="tns:TimeExpires" minOccurs="0" />
    <xs:element ref="tns:TokenServiceList" minOccurs="0"/>
    <xs:element ref="tns:SupportedTokenTypeList" />
    <xs:element ref="tns:SupportedClaimTypeList" />
    <xs:element ref="tns:RequireAppliesTo" minOccurs="0" />
    <xs:element ref="tns:PrivacyNotice" minOccurs="0" />
    <xs:any namespace="##other" processContents="lax" minOccurs="0"
maxOccurs="unbounded"/>
  </xs:sequence>
  <xs:attribute ref="xml:lang" use="required"/>
</xs:complexType>
```

Updated, correct, schema fragment

```
<xs:element name="InformationCard" type="tns:InformationCardType" />
<xs:complexType name="InformationCardType">
  <xs:sequence>
    <xs:element ref="tns:InformationCardReference" />
    <xs:element ref="tns:CardName" minOccurs="0" />
    <xs:element ref="tns:CardImage" minOccurs="0" />
    <xs:element ref="tns:Issuer" />
    <xs:element ref="tns:TimeIssued" />
    <xs:element ref="tns:TimeExpires" minOccurs="0" />
    <xs:element ref="tns:TokenServiceList" />
    <xs:element ref="tns:SupportedTokenTypeList" minOccurs="0" />
    <xs:element ref="tns:SupportedClaimTypeList" minOccurs="0" />
    <xs:element ref="tns:RequireAppliesTo" minOccurs="0" />
    <xs:element ref="tns:PrivacyNotice" minOccurs="0" />
    <xs:any namespace="##other" processContents="lax" minOccurs="0"
maxOccurs="unbounded"/>
  </xs:sequence>
  <xs:attribute ref="xml:lang" use="required"/>
</xs:complexType>
```

96 **3 Normative Errors**

97 N/A

Appendix A. Acknowledgements

The editor would like to acknowledge the contributions of the OASIS Identity Metasystem Interoperability Technical Committee, whose voting members at the time of publication were:

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Appendix B. Revision History

Revision	Date	Editor	Changes Made
cd-01	4 May 2010	Michael B. Jones	Incorporate formatting feedback from OASIS staff
cd-01	27 April 2010	Michael B. Jones	Produce committee draft 1 from editor's draft 1
ed-01	14 April 2010	Michael B. Jones	First draft, correcting issue IMI-33