Topology and Orchestration Specification for Cloud Applications Version 1.0 Errata 01

Committee Specification Draft 01

24 April 2014

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- *Topology and Orchestration Specification for Cloud Applications Version 1.0 Plus Errata 01*. Edited by Derek Palma and Thomas Spatzier. 24 April 2014. OASIS Standard incorporating Draft 01 of Errata 01. http://docs.oasis-open.org/tosca/TOSCA/v1.0/errata01/csd01/TOSCA-v1.0-errata01-csd01-complete.html. Latest version: http://docs.oasis-open.org/tosca/TOSCA/v1.0/errata01/TOSCA-v1.0-errata01-complete.html.

Related work:

This specification lists errata for:

- *Topology and Orchestration Specification for Cloud Applications Version 1.0*. Edited by Derek Palma and Thomas Spatzier. 25 November 2013. OASIS Standard. http://docs.oasis-open.org/tosca/TOSCA/v1.0/os/TOSCA-v1.0-os.html.

Declared XML namespaces:

- http://docs.oasis-open.org/tosca/ns/2011/12

Abstract:

This document lists errata to the TOSCA Version 1.0 OASIS Standard.

Status:

This document was last revised or approved by the OASIS Topology and Orchestration Specification for Cloud Applications (TOSCA) TC on the above date. The level of approval is also listed above. Check the "Latest version" location noted above for possible later revisions of this document.

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Table of Contents

1 Introduction

This document lists the approved errata to the TOSCA v1.0 OASIS Standard. Each one has a number that refers to the issue that triggered the erratum. In particular, the issue numbers consist of the JIRA issue number that have been used for tracking found errata, followed by a sub-item number as decribed in these JIRA issues.

As required by the OASIS Technical Committee Process, the approved errata represent changes that are not “substantive”. The changes focus on clarifications to ambiguous or conflicting specification text, where different compliant implementations might have reasonably chosen different interpretations. The intent of the TOSCA TC has been to resolve such issues in service of improved interoperability based on implementation and deployment experience.

All cited line numbers refer to the Word document of the original OASIS Standard specifications in question, not to line numbers in this document or in the errata composite documents.

1.1 Normative References

[TOSCA-v1.0] *Topology and Orchestration Specification for Cloud Applications Version 1.0*. 25 November 2013. OASIS Standard. http://docs.oasis-open.org/tosca/TOSCA/v1.0/os/TOSCA-v1.0-os.html.

2 Approved Errata

2.1 TOSCA-124-1: Normative Reference [RFC2119]

Section 2.3 “Normative References”, lines 29-30.

Orignal:

[RFC2119] S. Bradner, *Key words for use in RFCs to Indicate Requirement Levels*, http://www.ietf.org/rfc/rfc2119.txt, IETF RFC 2119, March 1997.

New:

[RFC2119] Bradner, S., *"Key words for use in RFCs to Indicate Requirement Levels"*, BCP 14, RFC 2119, March 1997.
http://www.ietf.org/rfc/rfc2119.txt

2.2 TOSCA-124-2: Normative Reference [RFC 2396]

Section 2.3 “Normative References”, lines 31-32.

Orignal:

[RFC 2396] T. Berners-Lee, R. Fielding, L. Masinter, *Uniform Resource Identifiers (URI): Generic Syntax*, http://www.ietf.org/rfc/rfc2396.txt, RFC 2396, August 1988.

New:

[RFC 2396] Berners-Lee, T., Fielding, R., and L. Masinter, *"Uniform Resource Identifiers (URI): Generic Syntax"*, RFC 2396, August 1998.
http://www.ietf.org/rfc/rfc2396.txt

2.3 TOSCA-124-3: Normative Reference [XML Base]

Section 2.3 “Normative References”, lines 33-34.

Orignal:

[XML Base] XML Base (Second Edition), W3C Recommendation, http://www.w3.org/TR/xmlbase/

New:

[XML Base] XML Base (Second Edition), J. Marsh, R. Tobin, eds. World Wide Web Consortium, 28 January 2009. This edition of XML Base is:
http://www.w3.org/TR/2009/REC-xmlbase-20090128/.
The latest edition of XML Base is available at:
http://www.w3.org/TR/xmlbase/.

2.4 TOSCA-124-4: Normative Reference [XML Infoset]

Section 2.3 “Normative References”, lines 35-36.

Orignal:

[XML Infoset] XML Information Set, W3C Recommendation, http://www.w3.org/TR/2001/REC-xml-infoset-20011024/

New:

[XML Infoset] XML Information Set , J. Cowan, R. Tobin, Editors, W3C Recommendation, 24 October 2001. This edition of XML Infoset is:
http://www.w3.org/TR/2001/REC-xml-infoset-20011024/.

The latest edition of XML Infoset is available at:
http://www.w3.org/TR/xml-infoset

2.5 TOSCA-124-5: Normative Reference [XML Namespaces]

Section 2.3 “Normative References”, lines 37-38.

Orignal:

[XML Namespaces] Namespaces in XML 1.0 (Second Edition), W3C Recommendation, http://www.w3.org/TR/REC-xml-names/

New:

[XML Namespaces] Namespaces in XML 1.0 (Third Edition), T. Bray, D. Hollander, A. Layman, R. Tobin, H. Thompson, eds. World Wide Web Consortium, 8 December 2009. This edition of Namespaces in XML is:
http://www.w3.org/TR/2009/REC-xml-names-20091208/.
The latest edition of Namespaces in XML is available at:
http://www.w3.org/TR/xml-names/.

2.6 TOSCA-124-6: Normative Reference [XML Schema Part 1]

Section 2.3 “Normative References”, lines 39-40.

Orignal:

[XML Schema Part 1] XML Schema Part 1: Structures, W3C Recommendation, October 2004, http://www.w3.org/TR/xmlschema-1/

New:

[XML Schema Part 1] XML Schema Part 1: Structures Second Edition. H.S. Thompson, D. Beech, M. Maloney, N. Mendelsohn, eds. World Wide Web Consortium, 28 October 2004. This edition of XML Schema Part 1 is:
http://www.w3.org/TR/2004/REC-xmlschema-1-20041028/.
The latest edition of XML Schema Part 1 is available at:
http://www.w3.org/TR/xmlschema-1/.

2.7 TOSCA-124-7: Normative Reference [XML Schema Part 2]

Section 2.3 “Normative References”, lines 41-42.

Orignal:

[XML Schema Part 2] XML Schema Part 2: Datatypes, W3C Recommendation, October 2004, http://www.w3.org/TR/xmlschema-2/

New:

[XML Schema Part 2] XML Schema Part 2: Datatypes Second Edition. P. Biron, A. Malhotra, eds. World Wide Web Consortium, 28 October 2004.
This edition of XML Schema Part 2 is:
http://www.w3.org/TR/2004/REC-xmlschema-2-20041028/.
The latest edition of XML Schema Part 2 is available at:
http://www.w3.org/TR/xmlschema-2/.

2.8 TOSCA-124-8: Normative Reference [XMLSpec]

Section 2.3 “Normative References”, lines 43-44.

Orignal:

[XMLSpec] XML Specification, W3C Recommendation, February 1998, http://www.w3.org/TR/1998/REC-xml-19980210

New:

[XMLSpec] Extensible Markup Language (XML) 1.0 (Fifth Edition), T. Bray, J. Paoli, C. M. Sperberg-McQueen, E. Maler, F. Yergeau, eds. World Wide Web Consortium, 26 November 2008.
This edition of XML 1.0 is:
http://www.w3.org/TR/2008/REC-xml-20081126/.
The latest edition of XML 1.0 is available at:
http://www.w3.org/TR/xml/.

2.9 TOSCA-124-9: Security Considerations

Section 17 “Security Considerations”, lines 3124-3125.

Orignal:

TOSCA does not mandate the use of any specific mechanism or technology for client authentication. However, a client MUST provide a principal or the principal MUST be obtainable by the infrastructure.

New:

TOSCA does not mandate the use of any specific security mechanism or technology.

2.10 TOSCA-124-14: Non-Normative Reference [XPATH 1.0]

Section 2.4 “Non-Normative References”, lines 53-54.

Orignal:

[XPATH 1.0] XML Path Language (XPath) Version 1.0, W3C Recommendation, November 1999, http://www.w3.org/TR/1999/REC-xpath-19991116

New:

[XPATH 1.0] XML Path Language (XPath) Version 1.0 , J. Clark, S. J. DeRose, Editors, W3C Recommendation, 16 November 1999,
http://www.w3.org/TR/1999/REC-xpath-19991116.
Latest version available at:
http://www.w3.org/TR/xpath.

2.11 TOSCA-171-1: Missing Quote

Section 11.4 “Example”, line 2443.

Orignal:

```
04    xmlns:mcp="http://www.example.com/SampleCapabilityProperties>
```

New:

```
04    xmlns:mcp="http://www.example.com/SampleCapabilityProperties">
```

2.12 TOSCA-171-2: Missing Quote

Section 10.4 “Example”, line 2333.

Orignal:

```
04    xmlns:mrp="http://www.example.com/SampleRequirementProperties>
```

New:

```
04    xmlns:mrp="http://www.example.com/SampleRequirementProperties">
```

2.13 TOSCA-171-3: Superflous Bracket

Section 14.4 “Example”, line 2807.

Orignal:

```
03    xmlns:bnt="http://www.example.com/BaseNodeTypes">
```

New:

```
03    xmlns:bnt="http://www.example.com/BaseNodeTypes"
```

2.14 TOSCA-171-4: Missing Character ‘e’ in Example

Section 6.4 “Example”, lines 1580, 1582, 1584.

Orignal:

```
22              <InputParamter name="ProjectName"
23                             type="xs:string"/>
24              <InputParamter name="Owner"
25                             type="xs:string"/>
26              <InputParamter name="AccountID"
27                             type="xs:string"/>
```

New:

```
22              <InputParameter name="ProjectName"
23                             type="xs:string"/>
24              <InputParameter name="Owner"
25                             type="xs:string"/>
26              <InputParameter name="AccountID"
27                             type="xs:string"/>
```

2.15 TOSCA-171-5: Invalid Tag RelationshipTypeProperties

Section 8.4 “Example”, line 2025.

Orignal:

```
03    <RelationshipTypeProperties element="ProcessDeployedOnProperties"/>
```

New:

```
03    <PropertiesDefinition element="ProcessDeployedOnProperties"/>
```

2.16 TOSCA-171-6: Inconsistent Example Description

Section 9.4 “Example”, lines 2195-2196.

Orignal:

The following example defines the Node Type Implementation “MyDBMSImplementation”. This is an implementation of a Node Type “DBMS”.

New:

The following example defines the Relationship Type Implementation “MyDBConnectImplementation”. This is an implementation of a Relationship Type “DBConnection”.

2.17 TOSCA-171-7: Missing closing Backslash

Section 9.4 “Example”, line 2220.

Orignal:

```
24        <ImplementationArtifact>
```

New:

```
24          </ImplementationArtifact>
```

2.18 TOSCA-171-8: Wrong Term “Service Template document”

Section 4.2 “Properties”, line 433.

Orignal:

open.org/tosca/ns/2011/12 when importing Service Template documents, to

New:

open.org/tosca/ns/2011/12 when importing TOSCA Definitions documents, to

2.19 TOSCA-171-9: Description of a non-existing Attribute

Section 7.2 “Properties”, lines 1710-1711.

Orignal:

- `name`: This attribute specifies the name of the artifact, which SHOULD be unique within the scope of the encompassing Node Type Implementation.

New:

- ~~`name`: This attribute specifies the name of the artifact, which SHOULD be unique within the scope of the encompassing Node Type Implementation.~~

Appendix A. Acknowledgements

The following individuals have participated in the creation of this specification and are gratefully acknowledged.

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Appendix B. Revision History

Revision	Date	Editor	Changes Made
errata01	2014-03-21	Thomas Spatzier	Changes for JIRA Issues TOSCA-124 and TOSCA-171: First draft of errata.