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# 30-day Public Review for Topology and Orchestration Specification for Cloud Applications V1.0

Submitted by censign on Thu, 2012-12-13 16:02

**Type:**

Public Review

The OASIS Topology and Orchestration Specification for Cloud Applications (TOSCA) TC [1] members have recently approved a Committee Specification Draft (CSD) and submitted this specification for 30-day public review:

Topology and Orchestration Specification for Cloud Applications Version 1.0

Committee Specification Draft 06 / Public Review Draft 01

29 November 2012

Specification Overview:

The concept of a "service template" is used to specify the "topology" (or structure) and "orchestration" (or invocation of management behavior) of IT services (or simply "services" from here on). Typically, services are provisioned in an IT infrastructure and their management behavior needs to be orchestrated in accordance with constraints or policies from there on, for example in order to achieve service level objectives. This specification introduces the formal description of Service Templates, including their structure, properties, and behavior.

TC Description:

The OASIS TOSCA TC works to enhance the portability of cloud applications and services. TOSCA will enable the interoperable description of application and infrastructure cloud services, the relationships between parts of the service, and the operational behavior of these services (e.g., deploy, patch, shutdown)--independent of the supplier creating the service, and any particular cloud provider or hosting technology.

The TC is currently focused on the creation of a non-normative Primer that illustrates suggested use and provides examples based on the TOSCA language. It has also launched an Interoperability Subcommittee.

Public Review Period:

The public review starts 14 December 2012 and ends 13 January 2013.

This is an open invitation to comment. OASIS solicits feedback from potential users, developers and others, whether OASIS members or not, for the sake of improving the interoperability and quality of its technical work.

URIs:

The prose specification document and related files are available here:

PDF (Authoritative):

<http://docs.oasis-open.org/tosca/TOSCA/v1.0/csprd01/TOSCA-v1.0-csprd01.pdf> [1]

HTML:

<http://docs.oasis-open.org/tosca/TOSCA/v1.0/csprd01/TOSCA-v1.0-csprd01.html> [2]

Editable source:

<http://docs.oasis-open.org/tosca/TOSCA/v1.0/csprd01/TOSCA-v1.0-csprd01.doc> [3]

XML schema:

<http://docs.oasis-open.org/tosca/TOSCA/v1.0/csprd01/schemas/> [4]

ZIP distribution file (complete):

For your convenience, OASIS provides a complete package of the prose specification and related files in a ZIP distribution file. You can download the ZIP file here:

<http://docs.oasis-open.org/tosca/TOSCA/v1.0/csprd01/TOSCA-v1.0-csprd01.zip> [5]

Additional information about the specification and the Topology and Orchestration Specification for Cloud Applications (TOSCA) TC may be found at the TC's public home page:

<https://www.oasis-open.org/committees/tosca> [6]

Comments may be submitted to the TC by any person through the use of the OASIS TC Comment Facility which can be located via the button labeled "Send A Comment" at the top of the TC public home, or directly at:

[https://www.oasis-open.org/committees/comments/index.php?wg\\_abbrev=tosca](https://www.oasis-open.org/committees/comments/index.php?wg_abbrev=tosca) [7]

Comments submitted by TC non-members for this work and for other work of this TC are publicly archived and can be viewed at:

<https://lists.oasis-open.org/archives/tosca-comment/> [8]

All comments submitted to OASIS are subject to the OASIS Feedback License, which ensures that the feedback you provide carries the same obligations at least as the obligations of the TC members. In connection with this public review of Topology and Orchestration Specification for Cloud Applications V1.0, we call your attention to the OASIS IPR Policy [2] applicable especially [3] to the work of this technical committee. All members of the TC should be familiar with this document, which may create obligations regarding the disclosure and availability of a member's patent, copyright, trademark and license rights that read on an approved OASIS specification.

OASIS invites any persons who know of any such claims to disclose these if they may be essential to the implementation of the above specification, so that notice of them may be posted to the notice page for this TC's

work.

===== Additional references:

[1] OASIS Topology and Orchestration Specification for Cloud Applications (TOSCA) TC  
<https://www.oasis-open.org/committees/tosca> [6]

[2] <http://www.oasis-open.org/who/intellectualproperty.php> [9]

[3] <http://www.oasis-open.org/committees/tosca/ipr.php> [10]

RF on Limited Terms Mode

<https://www.oasis-open.org/policies-guidelines/ipr#s10.2.3> [11]

**Associated TC:**

Topology and Orchestration Specification for Cloud Applications (TOSCA)

**Deadline:**

Fri, 2012-12-14 - Sun, 2013-01-13

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**Links:**

[1] <http://docs.oasis-open.org/tosca/TOSCA/v1.0/csprd01/TOSCA-v1.0-csprd01.pdf>

[2] <http://docs.oasis-open.org/tosca/TOSCA/v1.0/csprd01/TOSCA-v1.0-csprd01.html>

[3] <http://docs.oasis-open.org/tosca/TOSCA/v1.0/csprd01/TOSCA-v1.0-csprd01.doc>

[4] <http://docs.oasis-open.org/tosca/TOSCA/v1.0/csprd01/schemas/>

[5] <http://docs.oasis-open.org/tosca/TOSCA/v1.0/csprd01/TOSCA-v1.0-csprd01.zip>

[6] <https://www.oasis-open.org/committees/tosca>

[7] [https://www.oasis-open.org/committees/comments/index.php?wg\\_abbrev=tosca](https://www.oasis-open.org/committees/comments/index.php?wg_abbrev=tosca)

[8] <https://lists.oasis-open.org/archives/tosca-comment/>

[9] <http://www.oasis-open.org/who/intellectualproperty.php>

[10] <http://www.oasis-open.org/committees/tosca/ipr.php>

[11] <https://www.oasis-open.org/policies-guidelines/ipr#s10.2.3>