# TOSCA TC (SUBSTITUTE) CHAT 12/13/2018

MEETING WEB CONFERENCE AND PHONE BRIDGE: Hello and welcome to today's meeting of the TOSCA TC! Please note that we are using a different phone bridge and web conferencing facility, called Zoom (see link to the TC Calendar Event below). Our chatroom remains the same.

ATTENDANCE RECORDING: Participants are responsible to log their attendance on the TC calendar event page. When you join the meeting, use this page to record your attendance by clicking "Record My Attendance". If you are not on the internet, you can request the co-chair to record your attendance on your behalf.

TODAY'S TC CALENDAR EVENT PAGE:<https://www.oasis-open.org/apps/org/workgroup/tosca/event.php?event_id=47915>

**LEAVES OF ABSENCE:**

**- none -**

**REGRETS RECEIVED:**

**- none -**

THANKS AGAIN TO OUR RECORDING SECRETARY, DAMIAN TAMBURRI, AND PAST SCRIBES!

# **============================**

TOSCA-teers! While you are waiting, please:

1. TOSCA WIKI: Update information regarding IMPLEMENTATIONS at<https://wiki.oasis-open.org/tosca/TOSCA-implementations>
2. TOSCA WIKI: Update information regarding PUBLICATIONS AND BLOG POSTS at<https://wiki.oasis-open.org/tosca/academic-papers-blog-posts>
3. TOSCA LINKEDIN GROUP at<https://www.linkedin.com/groups/8505536>:
	1. Refer our LINKEDIN GROUP to customers and colleagues!
	2. LIKE what is there!
	3. Comment!
	4. Contribute some news/updates/discussion!

# **============================**

PAUL: HI, EVERYBODY. THE SOAPHUB CHAT IS DOWN. WE ARE USING GOOGLE DOCS TODAY. DAMIAN, I SENT YOU A SHARE.

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Paul calling the meeting to order - round of intro

Everyone please record yr attendance!

Meeting is quorate

ACTION ITEM! @Paul to investigate what fares with the WebConf SOAP

Agenda posted here below

**Welcome / Roll**

*Co-chair appoints a scribe (continues to solicit volunteers for future meetings, as needed)*

*Review/approve draft proposed agenda*

*Review/approve draft minutes*

\* November 29:<https://www.oasis-open.org/committees/document.php?document_id=64356&wg_abbrev=tosca>

*\*\** Thanks to **TC Secretary Damian Tamburri** for minutes, etc.

**Welcome to recently joined TC Members and Observers (those first announced in today's TC meeting listed in** *italics)*: Mr. Denes Nemeth from Nokia (Observer), Mr. Olli Pajari from Individual (Observer), and Mr. Anatoly Katzman (Member)

**Co-chair updates, remarks, notables, possible motions, etc.**

*May include overviews and updates of a more general nature or affecting the TC, as a whole, etc.*

**Industry Updates and TOSCA-related News from TC Members**

*An opportunity for other news from TC members (outside of other agenda items and reports)*

***NOTE: The Below Activities May be Tabled or Re-Ordered During the Meeting by Co-Chairs.***

*See [explanation of OASIS document types and typical cadence](https://www.oasis-open.org/apps/org/workgroup/tosca/email/archives/201407/msg00007.html)*

**UPDATE: YAML Simple Profile Ad Hoc (co-leaders: Claude Noshpitz and Matt Rutkowski)**

\* [TOSCA-7](https://tools.oasis-open.org/issues/browse/TOSCA-7) (general group activity, and suggestions/questions/contributions from TC members)

\* 2018-11-13 meeting notes:<https://www.oasis-open.org/committees/document.php?document_id=64351&wg_abbrev=tosca>

\* 2018-10-30 meeting notes:<https://www.oasis-open.org/committees/document.php?document_id=64197&wg_abbrev=tosca>

\* 2018-12-10: Latest posted working draft (work-in-progress): [TOSCA Simple Profile in YAML v1.3 (WD01, Rev12](https://www.oasis-open.org/committees/document.php?document_id=64404&wg_abbrev=tosca)[)](https://www.oasis-open.org/committees/document.php?document_id=62799&wg_abbrev=tosca)

\* 2018-10-10: [TOSCA Simple Profile in YAML Version 1.2](http://docs.oasis-open.org/tosca/TOSCA-Simple-Profile-YAML/v1.2/cos01/TOSCA-Simple-Profile-YAML-v1.2-cos01.pdf) (Candidate OASIS Standard 01)

\* 2018-01-31: [TOSCA Simple Profile in YAML v1.1](http://docs.oasis-open.org/tosca/TOSCA-Simple-Profile-YAML/v1.1/cos01/TOSCA-Simple-Profile-YAML-v1.1-cos01.pdf) (approved as an OASIS Standard on January 31, 2018)

\* Older [**v1.0** OASIS Standard documents](http://docs.oasis-open.org/tosca/TOSCA/v1.0/os/)

**Technical Overview of TosKer (Jacopo Soldani)**

**Discussion: Post v1.3 TOSCA**

**Marketing, TC Events, Conferences, etc. for 2019**

*ACTION: Paul to inquire regarding OASIS sponsored conferences*

*ALSO: PLEASE SUPPORT THE TC!*

*1. Please share your TOSCA news, discussion, blogs, articles, resources in our LinkedIN group NOW.*

*1a. Remember to* ***LIKE*** *posts in the* [*TOSCA LinkedIN Group*](https://www.linkedin.com/groups/8505536)*! Join and refer people now!*

*2. Post your TOSCA articles, blogs, and implementations on the* [*TOSCA Wiki*](https://wiki.oasis-open.org/tosca) *now!*

\*\* All current TC approved videos at the [OASIS TOSCA YouTube Playlist](https://www.youtube.com/playlist?list=PLaYKtNo_BitZXdvyNDwBi290IHxdi459v)

\* [TOSCA-131](https://tools.oasis-open.org/issues/browse/TOSCA-131) (general group activity, and suggestions/questions/contributions from TC members)

**IoT/Edge/Fog Ad Hoc Bootstraping (Co-leaders: Claude Noshpitz and Alex Vul)**

\*\* ACTION: Alex or Claude to send out doodle poll for regular meetings

\*\* ACTION: Claude to record meetings WITH logistics on OASIS site

\*\* ACTION: Jacques to work out the possibility to get further use-cases for the IoT ad-hoc

\*\* ACTION: Jacques explore interest in the IIC at their November meeting for TOSCA

**TABLED: NFV Ad Hoc Group (co-leaders: Shitao Li and Alex Vul)**

\* [TOSCA-221](https://issues.oasis-open.org/browse/TOSCA-221) (general group activity, and suggestions/questions/contributions from TC members)

\* Latest Liaison Statement to ETSI NFV candidate (TC-approved): <https://www.oasis-open.org/committees/document.php?document_id=58759&wg_abbrev=tosca>

\* Latest Liaison Statement from ETSI NFV (informational, not received through OASIS official channels): look [here](https://www.oasis-open.org/apps/org/workgroup/tosca/email/archives/201611/msg00023.html) (posted 2018-04-25)

**Cross-cutting Concerns, Issues, Suggestions, Questions for ALL Documents and Deliverables**

*NOTE: As always, it is recommended that technical issues be posted in JIRA. Naturally, any TC member can create or comment on a JIRA issue. Upload related documents to the OASIS website (please add links to the uploaded document in the JIRA issue). Please contact the co-chairs if you have any questions or problems.*

\* [TOSCA-108](https://tools.oasis-open.org/issues/browse/TOSCA-108): Catch-all for All Editorial Suggestions That Do NOT Change Semantics, e.g., spelling, grammar, readability

***Attendees***

XLAB Matej Artac Voting Member

UNIPI Antonio Brogi Member

NetApp Don Deel Voting Member

Individual Chris Lauwers Chair

Individual Paul Lipton Chair

AT&T Claude Noshpitz Member

UNIPI Jacopo Soldani Member

Politecnico di Milano-DEIB Damian Tamburri Secretary

Intel Corporation Alexander Vul Voting Member

Paul making a motion to accept the minutes as posted, Matej seconds.

No, discussion, motion passes with unanimous consent.

Paul proposing a motion to accept minutes posted by Damian for Nov. 29th.

Matej seconds.

No, discussion, motion passes with unanimous consent.

Paul switching to chair remarks. This is likely to be the final TC, next round is bound to be the second week of Jan. Jan 10th shall be the next meeting. On that meeting, we are hoping to have a walkthrough in the YAML vers. To be promoted.

ACTION ITEM! @Paul, please put together a review of the online content for further dissemination

VOLUNTEER ACTION! @All, please respond to this survey, for the benefit of our standard and improved IaC practices in the future! See here: <https://www.reddit.com/r/devops/comments/a1nfla/survey_on_iac_adoption_best_practices_and/>

Paul passing the Baton to Claude, who will give an overview of significant changes to the spec. Several editorial ad-hoc meetings were held, results are being discussed. Claude on the stage for the quick overview, minutes available for further detail.

Claude is reporting on significant gaps in the underlying programming model and definition grammar which are beyond the simple syntax. Claude showcasing the presentation, will be made available online.

Alex is commenting on the link to hardware platform awareness (HPA) and how that reflects on this version; whether there was any work on that - word of caution since we are going down the path of constraint logic which rests on hardware awareness capability that wouldn’t fly with Intel. Intel is looking for a registry mechanism to specify how the different parameters for hardware to be contained such that it can be used for further instantiation. It’s not so much about the syntax but rather hardwiring of values and specification inside the notation. Alex also comments on the consideration that Intel has put on Redfish in this context.

Final action on the call is Jacopo’s presentation. Presentation from Jacopo will be shared with the TC at a second stage.

Paul formally thanks Jacopo for the presentation.

Paul motions to adjourn the meeting. Claude seconds. Motion passes unanimously.

Meeting adjourned at 1:33PM EST··.

## POST-MEETING QUESTIONS

#### TOSKer Questions Continued

Alex: Kubernetes support?

Jacopo: The architecture of TosKer is pluggable. We are currently working on a plug-in for enabling the deployment on Kubernetes.

Alex: How does this compare to Puccini

Jacopo: Puccini compiles TOSCA specs to k8s specs, which can then be run with the k8s orchestrator. The TosKer orchestrator tracdirectly executes TOSCA specs, by issuing commands to the Docker engine whenever a TOSCA management operation is to be invoked.

Claude: Any effort to model at Docker container?

Jacopo: We actually model Docker containers as lightweight compute entities, of which we describe the software support, the os distribution, etc.. Our objective is indeed to use Docker containers as system containers (similar to VM - see e.g., <https://www.sumologic.com/blog/devops/application-containers-vs-system-containers-understanding-difference/>). We hence not model Docker internals (e.g., Dockerfiles, docker-compose, etc.)

Claude: Interesting challenge in Kubernetes is multiple deployments (lots for Edge computing). How do we do that?

Jacopo: We need to investigate this larger use case.