

Liaison Statements and Updates

- [Incoming Liaison Statements from 3GPP](#)
- [Reply to Liaison Statement from ITU-T](#)

Response to Liaison Statement from ETSI ZSM, approved by TSC 25th May 2023



ONAP res...M LS.pdf

Liaison Statement from ETSI ZSM, received 27th April 2023



ZSM(23)000073r...s_network.docx

ONAP presentation at ITU-T JCA-IMT2020 meeting (18 April 2023, Geneva)



JCA-IMT2020-I-186-Agenda-r1.pdf



ONAP pres...il 18.pdf

AN Multi-SDO Information Exchange meeting: ONAP Presentations 9th January 2023



ONAP pre...an 9.pdf



2023-01-...orum.pdf

New Liaison Statement from ITU-T Joint Coordination Activity for IMT2020 and Beyond (JCAIMT2020)



JCA-IMT2...S12.docx

AN Multi-SDO Information Exchange meeting: ONAP Presentations 7th November 2022

Recording

Last session only

Topic: AN -SDO Information exchange meeting: ONAP Presentations

Date: Nov 7, 2022 01:31 PM London

https://us02web.zoom.us/rec/share/goMcEYNQwoUYWN_E9S1M0xL2DxT8o4AcrkbqZeOOLKhyqd4NDU6jKIR5XRcvluox.W7cMFMRsyrBmhaHP



ONAP pre...ange.pdf



A Genera...v1.0.pdf



Applicatio...or K8s.pdf

ONAP Mainstream



ONAP mainstream_TSC.pdf

DTF presentation with added comments



ONAP - the next ...n discussion.pdf

Presentation from DTF June 15 2022 in Porto



ONAP - T...ment.pdf

Incoming LS from 3GPP SA - Reply to ONAP on potential IPR issues



SP-220712 Reply... IPR issues.doc

Incoming LS from ITU-T regarding the Focus Group on Testbed Federations. Sent to ONAP for information.

This Focus Group serves as a platform to harmonize testbeds specifications across SDOs/Fora. The FG-TBFxG is developing the required application program interfaces (APIs) aligned with the Testbeds Federations Reference Model defined in [Recommendation ITU-T Q.4068](#), developed in collaboration with ETSI TC INT. Also, the Focus Group will define a set of use cases for Federated Testbeds and APIs.



TBFxG-LSO-003.pdf



TBFxG-LSO-003-Att1.pdf



TBFxG-LSO-003-Att2.pdf

ONAP TM Forum meeting on Intent-based Management 6 April 2022



ONAP - TM Forum... Automation.pdf



Intent-driven Cl...-TMF Meeting.pdf

Liaison statement to 3GPP SA regarding IPR issues

Approved in **TSC 31 March 2022**:

- **#AGREED** the TSC approves the release of the 3GPP liaison statement Version 1 as attached to these minutes, requesting from them on IPR questions



ONAP LS to 3GPP.pdf

Reply to ONAP's questions received from 3GPP(ETSI) legal



Reply from 3GPP (ETSI) Legal.pdf

Presentations from DTF January 10-13 January 2022



Autonomous Netw...tiative_DTF.pdf

[2022-01-12 - ONAP: Autonomous Networks Multi-SDO Initiative](#)



TCC NW Management@DTF.pdf

[2022-01-13 - ONAP: TCC Generic Network Managementnce](#)

Update on AN Multi-SDO initiative from TM Forum - December 2nd 2021



Autonomous Net...ve_Dec2022.pdf

AN Multi-SDO initiative from TM Forum



Autonomous Netwo...O Initiative.pdf



MSDO_AN_Liasion...ussionL09-2.pdf

K. Shankaranarayanan and K. Moorthy, "Realization of ONAP/O-RAN Autonomous Networks Use Cases: ONAP 5G SON Use Case Perspective," 5th Virtual Meeting, ITU-T Focus Group on Autonomous Networks, November 3, 2021:

<https://wiki.onap.org/display/DW/R10+5G+SON+use+case>

Direct link to file:

https://wiki.onap.org/download/attachments/117740649/FGAN-I-155_att.pptx?version=1&modificationDate=1640011194114&api=v2

LFN 2021 June Developer and Testing Forum

Presentations on topics of common interest between ONAP and SDOs

- 1) Hot topics on automation in 3GPP SA5
- 2) Closed Control Loop Automation - ONAP, ETSI ZSM, IRTF, 3GPP, etc



ONAP - Network M...Coordination.pdf

Layer123 Europe: 360° Network Automation Congress

12th April 2021 - ZSM Forum on the journey to zero-touch & autonomous networks: ONAP and ZSM



ONAP-ZSM_Layer...23_Europe.pptx

LFN 2021 February Developer and Testing Forum

2nd February - ONAP TCC Generic Network Management Update



LFN-DDTF-ONAP T...pdate_final.pdf



ngmn_onap_5G_E...amework_st.pdf

Recording of session:



zoom_0.mp4

Workshop on E2E Network Slicing and Closed Loop Automation with input from ONAP and ETSI ZSM, 8th December 2020



Intro.pdf



ONAP_Network_S...I_ZSM_v1.0.pdf



2020-12-08_Co...ZSM_NS_WS.pdf



ETSI ZSM work it...utomation v2.pdf



WS 8 Dec on NW ...losed loops.zip

[Recording and transcript](#)

NGMN Liaison Statement on the NGMN 5G End-to-End Architecture Framework (Phase-3)



201117 NGMN_E2...work_v4.31.pdf

This document delineates the requirements in terms of entities and functions that characterise the capabilities of an E2E (end-to-end) framework. Architectural perspectives and considerations associated with the service categories - eMBB, mMTC, URLLC - envisioned for 5G (Fifth Generation) underscore the delineation of the E2E framework requirements. These requirements are intended as guidance in the development of interoperable and market enabling specifications for a continuing advancement of the 5G ecosystem of heterogeneous access, virtualization, autonomous capabilities, forward-looking service enablers, and emerging usage scenarios.



201117 NGMN_li...k_phase-3.docx



NGMN LS.pptx

Presentations at the LFN Virtual Technical Meetings, October 13-16, 2020



ETSI ZSM - ONAP...on - agenda.pdf



TCC Generic Ne...Management.pdf



LFNTECH_ETSI_NF...2020_final1.pdf

Specifics about the TM Forum **Autonomous Network Workshop**

- Monday, September 28, 2020 at 09:00-12:00 BST (10:00-13:00 CET)

- Zoom: <https://us02web.zoom.us/j/87202298328>
- Meeting ID: 872 0229 8328
- Find your local number: <https://us02web.zoom.us/u/kdoNzTizMP>

Per the attached announcement, for those who wish to present, please advise by September 26, 2020.

If there any questions, please contact me at liaisons@tmforum.org.

Best regards,

Cecilia Ortega Lagos
Head of Collaboration Experience

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cortegalagos@tmforum.org

Liaison statement from TM Forum regarding **Autonomous Network Workshop**



UpdateAN SDO W... 202009-3.docx



22553 Autonomo...whitepaper.pdf



IG1218_Autonomo...ture_v1.0.0.pdf

Information to TSC on 18th June 2020 regarding two Liaison Statements from 3GPP SA5



NW Management ...SC-June 18.pdf



S5-203313 LS re...S S5-202300.doc



S5-203314 LS re...o S5-197831.doc

Replies to 3GPP's liaison office



ONAP reply to 3... S5-197831.docx



ONAP reply to 3... S5-202300.docx

Proposal for approval in TSC 7th May 2020 regarding two Liaison Statements from 3GPP SA5



NW Management ...ay-07_revC.pdf

Presentation at the 2020 April Virtual Technical Event

[NW Management Community Coordination_April23.pptx](#)



NW Management ...on_April23.pdf

Incoming Liaison Statements from 3GPP SA5:



S5-196792 LS on...ration WoW.doc



S5-197831 LS-ou...integration.doc



TCC Generic Ne...GPP SA5_LS.pdf

Presentation to the TSC on 21st November:



TCC Gene...ov21.pdf

Task: Coordinate all network management activities happening in 3GPP SA5, ETSI NFV, ETSI ZSM, IETF, BBF, MEF, TM Forum



Network M...n (1).pdf

3GPP SA5

Joint subcommittee meeting in San Jose, April 2019

Thomas Tovingner, Chairman of 3GPP SA5:

Anatoly Andrianov:



3GPP man... (1).pdf

[Video](#)



Integratin...01 (1).pdf

[Video](#)

Joint subcommittee meeting in Antwerp, September 2019

Jan Groenendijk:



ONAP Con... v05.pdf

Liaison Statement from October 2019:

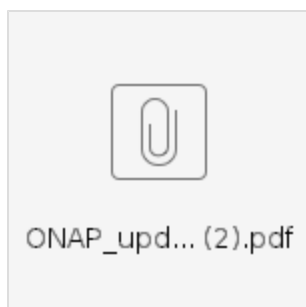


S5-1967...WoW.doc

ETSI NfV

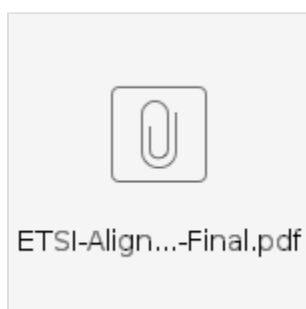
Joint subcommittee meeting in San Jose, April 2019

Thinh Nguyenphu:

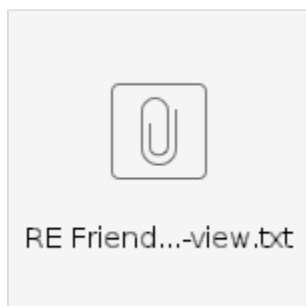


Joint subcommittee meeting in Antwerp, September 2019

Byung-Woo Jun and Michael Morris:



Feedback from ETSI NFV, Raja Bhyrraju (rajavarma.bhyrraju@ericsson.com):



ETSI ZSM

Joint subcommittee meeting in Antwerp, September 2019

Raghavendra Mahalingappa:



This proposal was also approved by ETSI ZSM at the latest F2F meeting in November.

IETF

Feedback from Qin Wu (bill.wu@[huawei.com](mailto:bill.wu@huawei.com)):



BBF

Joint subcommittee meeting in San Jose, April 2019

Tim Carey:



Update November 2019:

Author: Tim Carey



MEF

Joint subcommittee meeting in San Jose, April 2019

Karthik Sethuraman:



MEF Servi...3 (2).pdf

Feedback November 2019:

Karthik Sethuraman:



Re Friend...ration.txt

TM Forum

[TM Forum ONAP interest group](#) (TM Forum account and project membership needed)



TCC TMF@ONAPARCMar3.pdf

Joint subcommittee meeting in Antwerp, September 2019

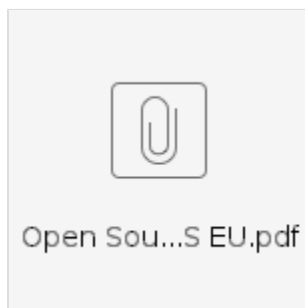
Remote presentation by Dave Milham - TM Forum



General Open Source and Standardization coordination material:

ONS Europe, September 2019

Alla Goldner:



Magnus Buhrgard:



DT hosted Zero Touch Conference in September 2019

"Standardization meets open source to manage programmable networks"



Magnus Buhrgard:



Puzzle Pieces fo...E Automation.pdf