**3GPP TSG-SA5 Meeting #139-e *S5-215486d4***

e-meeting, 11 - 20 October 2021

**Title: Reply to TM Forum on Intent Management**

**Response to: Reply 3GPP LS S5-213522 on Intent Management**

**Release:**

**Work Item:**

**Source: 3GPP SA5**

**To: TM Forum**

**Cc: 3GPP TSG SA**

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**Send any reply LS to: 3GPP Liaisons Coordinator,** **mailto:3GPPLiaison@etsi.org**

**Attachments:** -

# 1 Overall description

SA5 wishes to thank TM Forum for the “Reply 3GPP LS S5-213522 to TM Forum on Intent Management” and we would like to give the following feedback and comments:

**Re: Action 1** “TM Forum kindly asks 3GPP SA5 to take the above information into account in Release 17 and provide feedback on our IG1253 documents”:

* After looking at IG1230 and IG1253 set of documents published by TM Forum we see the benefit to share understanding of Intent-driven concept between 3GPP SA5 and TM Forum specified in IG1230 v.1.1.0 Sec 6.5.
* At the next MSDO meeting discussing topic “Intent-driven Interaction” we propose to discuss what the issues would be if 3GPP SA5 and/or any other SDO join efforts with TM Forum to work on specification of Intent-driven MnS or Intent-base API and discuss how those issues can be resolved.

**Re: Action 2** “Please keep TM Forum informed of the progress of SA5 work related to intent-driven management”:

The work around Intent Management including Intent-driven MnS, Intent Management, Operations and Intent Modelling is ongoing in SA5 working group since 2018 with target completion date of normative work in December 2021. In order to eliminate the need for adaptation between solutions defined by TM Forum and 3GPP, we propose to start a discussion about how to align standardization activities around Intent API, and Intent management and modelling. Proper scoping and timing for cooperation shall be considered to avoid any delay of 3GPP Rel-17 standardization work.

**Question 1:** There are 3 intent driven occurrence, 29 intent-driven occurrence, 3 intent-based occurrences in TMF IG1230. It would be better to clarify which intent concept TM Forum is addressing. Intent-based networking seems is published by IETF. It would be better to clarify the relation also in MSDO.

**Question 2:** Is it possible to use CRUD (Create, Read, Update, Delete) operations (described in 3GPP TS 28.532, cl.11.1.1.1) to support methods described by TM Forum for Intent Life-Cycle management procedures in IG1253C, cl.3 and cl.4?

# 2 Actions

**To TM Forum:**

**ACTION 1:** SA5 asks TM Forum to kindly take the above feedback and proposal for further and deeper collaboration on Intent Management concept and Intent management interface into account supporting such a discussion at the next MSDO meeting. Proper scoping and timing for the cooperation shall be considered to avoid any delay of 3GPP Rel-17 standardization work.

**ACTION 2:** SA5 asks TM Forum to kindly propose a date for a meeting, e.g. phone conference call, between TM Forum AN and 3GPP SA5 working groups to exchange understanding between 3GPP and TM Forum on Intent management including intent management concept, intent management interface (e.g. operations and modelling of intent object etc.). Dates of upcoming 3GPP SA5 meetings are shown below to avoid meeting clashes.

**ACTION 3:** SA5 asks TM Forum to kindly answer the question regarding which Intent concepts being addressed by TM Forum and the question about usage of CRUD operations to support Intent LCM procedures.

# 3 Dates of next TSG SA WG 5 meetings

SA5#140e 15 - 24 November 2021 Electronic meeting

SA5#141e 17 -26 January 2022 Electronic meeting

SA5#142 4 – 8 April 2022 TBD