**3GPP TSG-SA5 Meeting #162 *S5-253942***

Goteborg, Sweden, 25 - 29 August 2025

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| *CR-Form-v12.3* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  |  | **CR** |  | **rev** | **1** | **Current version:** |  |  |
|  | | | | | | | | |
| *For* [***HE******LP***](http://www.3gpp.org/3G_Specs/CRs.htm#_blank)*on using this form: comprehensive instructions can be found at* [*http://www.3gpp.org/Change-Requests*](http://www.3gpp.org/Change-Requests)*.* | | | | | | | | |
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| ***Proposed change affects:*** | UICC apps |  | ME |  | Radio Access Network | **X** | Core Network | **X** |

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| ***Title:*** | Rel-19 CR TS 28.312 Update Annex C | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | Ericsson Inc. | | | | | | | | | |
| ***Source to TSG:*** | SA5 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | 3 | | | | |  | ***Date:*** | | | 2025-08-15 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | **F** |  | | | | | ***Release:*** | | | Rel-19 |
|  | *Use one of the following categories:* ***F*** *(correction)* ***A*** *(mirror corresponding to a change in an earlier release)* ***B*** *(addition of feature),* ***C*** *(functional modification of feature)* ***D*** *(editorial modification)*  Detailed explanations of the above categories can be found in 3GPP [TR 21.900](http://www.3gpp.org/ftp/Specs/html-info/21900.htm). | | | | | | | | *Use one of the following releases: Rel-8 (Release 8) Rel-9 (Release 9) Rel-10 (Release 10) Rel-11 (Release 11) … Rel-17 (Release 17) Rel-18 (Release 18) Rel-19 (Release 19)  Rel-20 (Release 20)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | Annex C provides a mapping between 3GPP and TMF concepts. However, the use of the term ‘attribute’ may lead to the mistaken interpretation that the mapping is performed at the model level (i.e., between classes, relationships, and attributes of both specifications). The types of intent reports from 3GPP is not complete. | | | | | | | | |
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| ***Summary of change:*** | | The mapping has been revised to operate at a higher level, explicitly stating that it is between information elements to avoid misinterpretation. In addition, the Intent Report mapping has been simplified to the level of intentFulfilmentReport and other types of reports were added | | | | | | | | |
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| ***Consequences if not approved:*** | | If not implemented Annex C could be perceived as an implementation guide, but it should be rather seen as a conceptual mapping intended to assist developers. The list of intent report types would not be complete. | | | | | | | | |
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| ***Clauses affected:*** | | Annex C | | | | | | | | |
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|  | | **Y** | **N** |  | | | |  | | |
| ***Other specs*** | |  | **X** | Other core specifications | | | | TS/TR ... CR ... | | |
| ***affected:*** | |  | **X** | Test specifications | | | | TS/TR ... CR ... | | |
| ***(show related CRs)*** | |  | **X** | O&M Specifications | | | | TS/TR ... CR ... | | |
|  | |  | | | | | | | | |
| ***Other comments:*** | |  | | | | | | | | |
|  | |  | | | | | | | | |
| ***This CR's revision history:*** | |  | | | | | | | | |

***First change***

Annex C (informative):  
Mapping the 3GPP and the TM Forum intent expectation and intent report Models

The TM Forum defines the structure of an intent as a list of expectations with each expectation containing the requirements, goals and constraints to be achieved. Expectations are defined in the Intent Common Model (ICM) Intent Expression TR290A [20] and the reporting is defined in the Intent Common Model Intent Reporting TR290B [18].

Table C.1 illustrates the mapping between information elements defined in 3GPP IntentExpectation and TM Forum ICM Intent.

**Table C.1. Mapping between 3GPP IntentExpectation and TM Forum ICM Intent**

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| --- | --- |
| **3GPP Generic Intent Information Model - IntentExpectation** | **TM Forum ICM Intent Expression(TR290A [20])** |
| **Information element** | **Information element** |
| expectationObject | icm:target |
| expectationTargets | properties of icm:Expectation class instance |
| expectationContexts | icm:context |

The TM Forum defines the structure of an intent report as a list of ExpectationReport corresponding to each expectation.

Table C.2 illustrates the mapping between information elements defined in 3GPP IntentReport and TM Forum ICM IntentReport.

**Table C.2. Mapping between 3GPP IntentReport and TM Forum ICM IntentReport**

|  |  |
| --- | --- |
| **3GPP Generic Intent Information Model -  IntentReport** | **TM Forum ICM - Intent Report (TR290B [18])** |
| **Information element** | **Information element** |
| intentFulfilmentReport, intentConflictReport, intentFeasibilityCheckReport, intentExplorationReport, intentFulfilmentNegotiationReport, intentUtilityReport | properties of icm:ExpectationReport class instance (see NOTE) |
|  |

NOTE: Content of intent reports is determined by the subclass of icm:ReportingExpectation used to express an intent report request.

***End of changes***