TSG SA Meeting #SP-101 SP-231134

11 - 15 September 2023, Bangalore, India

3GPP TSG SA WG5 Meeting #150 S5-236113rev1

Goteborg, Sweden, 21st Aug 2023 - 25th Aug 2023

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| *CR-Form-v12.1* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **21.900** | **CR** | **0073** | **rev** | **-** | **Current version:** | **18.0.1** |  |
|  | | | | | | | | |
| *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:*** | Add Forge as a potential normative storage for stage 3 specification files | | | | | | | | | |
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| ***Source to WG:*** | Ericsson Hungary | | | | | | | | | |
| ***Source to TSG:*** | Outgoing SA WG5 Chair | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | TEI18 | | | | |  | ***Date:*** | | | 2023-09-11 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | B |  | | | | | ***Release:*** | | | Rel-18 |
|  | *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-15 (Release 15) Rel-16 (Release 16) Rel-17 (Release 17) Rel-18 (Release 18)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | Following a new **optional** process, 3GPP Forge shall be introduced as a normative storage for stage 3 specification files. This should be documented.  Note: Whether stage 3 specification files shall be stored in Forge or kept in the TS is optional to choose for each WG. | | | | | | | | |
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| ***Summary of change:*** | | Add possibility to store normative stage 3 specification files in Forge. Clarify how they are stored. | | | | | | | | |
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| ***Consequences if not approved:*** | |  | | | | | | | | |
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| ***Clauses affected:*** | | 4.6.3, 5B.0, 5X (new) | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **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:*** | | Based on the discussion paper: S5-235145 DP on Using Forge-Git as the primary storage for Code and S5-236113 Rel-18 draftCR 21.900 Add Forge as a potential normative storage for Code.  The text was modified after SA5#150 to make it clearer that the new process is optional and does not impact WGs deciding not to use it. | | | | | | | | |
|  | |  | | | | | | | | |
| ***This CR's revision history:*** | |  | | | | | | | | |

***First change***

### 4.6.3 Contents of Change Requests

Although the CR form shall indicate the details of change, each CR shall have attached the clauses of the specification that are affected by the CR, using the latest version of the major version. These clauses shall have the proposed modifications clearly marked, by means of the word processor's "revision mode".

In case there are more than one independent CR to the same part of the specification, neither of them should contain the proposed modifications from the other(s), however any potential interaction between the modifications should of course be resolved before presentation.

If the CR proposes changes to stage 3 specification files which are normatively documented in the 3GPP Forge repository according to clause 5X, then the proposed modifications shall also be documented in the 3GPP Forge repository. In this case the CR document shall contain a reference to a Forge Merge-Request clearly listing the proposed modifications, and a change-marked copy of the proposed changes shall be added to the CR.

***Next change***

5B.0 Availability and distribution of stage 3 specification files

For the availability and distribution of stage 3 specification files there are two optional alternatives, described in clauses 5B and 5X, and the choice of 5B or 5X is decided by the WG for each TS. Clause 5X applies only for the choice that the stage 3 specification files are normatively documented in the 3GPP Forge repository. For a stage 3 specification whose files are neither OpenAPI nor need to be normatively stored in 3GPP Forge, the stage 3 definitions are documented in the 3GPP Word TS.

***Next change***

5X Availability and distribution of stage 3 specification files

In this option, stage 3 specification files shall be documented normatively in the 3GPP Forge repository.

The TSs specifying the stage 3 definition shall indicate that the 3GPP Forge repository is used as normative, and the TSs shall:

- contain a link to a Forge Tag that implicitly includes the versioning information about the TS, e.g. <https://forge.3gpp.org/rep/sa5/MnS/-/tree/Tag_Rel18_SA100>

- contain the directory path where the files are stored, e.g. “yang-models”

- contain the name of the files specified by this TS

- not contain the stage 3 files in Word text format

In case the 3GPP Forge repository is used as normative, before making available any new version of a TS specifying stage 3 files, the responsible MCC officer shall download the files from Forge (with the help of code experts a.k.a code masters), and store them in the zip file containing the Word file of the new version of the TS (which is itself stored in the usual places).

All the OpenAPI specification files documented by TS shall also be stored by the MCC officer in the following location:

- <https://forge.3gpp.org/rep/all/5G_APIs>

***End of changes***