**3GPPSA4 #120-e S4-221001**

**E-meeting, 17-26 Aug 2022**

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| *CR-Form-v12.0* |
| **PSEUDO CHANGE REQUEST** |
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|  | **26**.**857** | **CR** | pseudo | **rev** | **-** | **Current version:** | **0.3.0** |  |
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| *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 |  | Core Network |  |

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|  |
| ***Title:***  | **[FS\_5G\_MSE] Potential solutions** |
|  |  |
| ***Source to WG:*** | Tencent |
| ***Source to TSG:*** |  |
|  |  |
| ***Work item code:*** | FS\_5G\_MSE |  | ***Date:*** | 8/03/2022 |
|  |  |  |  |  |
| ***Category:*** | **B** |  | ***Release:*** | 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 canbe 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-12 (Release 12)**Rel-13 (Release 13)Rel-14 (Release 14)Rel-15 (Release 15)Rel-16 (Release 16)* |
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| ***Reason for change:*** | This document provides a new clause 8 for potential solutions. |
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| ***Summary of change:*** | * A new clause 8: Potential solutions, which only includes solutions based on the MSE framework proposal #1.
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| ***Consequences if not approved:*** |  |
|  |  |
| ***Clauses affected:*** |  |
|  |  |
|  | **Y** | **N** |  |  |
| ***Other specs*** |  |  |  Other core specifications  | TS/TR ... CR ...  |
| ***affected:*** |  |  |  Test specifications | TS/TR ... CR ...  |
| ***(show related CRs)*** |  |  |  O&M Specifications | TS/TR ... CR ...  |
|  |  |
| ***Other comments:*** |  |
|  |  |
| ***This CR's revision history:*** |  |

 CHANGE

# 8 Potentially relevant 5G Media Service Enablers

## 8.1 MSE Famework proposal #1

### 8.1.1 General specification requirements

1. Each requirement is clearly identified as mandatory or optional.

2. Each mandatory or optional requirement is accompanied by a unique clause number reference.

3. If a subset of requirements is identified as a profile, such profile has a unique identifier.

### 8.1.2 MSE Description Document (MDD)

#### 8.1.2.1 Requirements for the MDD

The specification defines an annex that contains the MSE Description Documentsatisfying the following:

1. Conforming to the MSE Description Document format requirements defined by the MSE specification.

2. Containing the unique identifier for the media specification and its version.

3. Listing every required and optional functionality supported in the specification, and identifyingit’s the optionality of each one.

- This includes the call flow requirements.

4. For each function, referencing the specification clause number to be conformed to.

5. For each API, defining the methods and the resources used in the API.

6. For each API method or resource, referencing the specification clause to be conformed to.

#### 8.1.2.1 Candidate formats for MDD

The following formats are identified as potential solutions for specifying the syntax of MSE Description Documents:

1. JSON object conforming to a JSON schema defined by the MSE specification that may be extended by each specification. Possible variations:

a) Khronos OpenXR: include function name, type and version.

b) FLUS function URL, location for schema, and location to access the service.

c) NBMP function description.

2. YAML/OpenAPI for the RESTful APIs.

3. WebIDL.

### 8.1.3 MSE Configuration API

#### 8.1.3.1 Requirements for the MSE Configuration API

The specification optionally defines an annex that contains the MSE Configuration API for the specification that conforms to the following:

1. Not be combined with any other media or control interfaces defined in the specification.

2. Defines the necessary APIs to configure and manage a service implementation of the specification.

#### 8.1.3.2 Candidate formats for MSE Configuration API

The following formats are identified as potential solutions for definining MSE Configuration APIs:

1. Abstract API based on current 3GPP practice.

2. W3C API convention (WebIDL).

3. A RESTful API flavor for MSE service implementation.

# 9 Potentially Relevant 5G Media Service Enablers

Editor’s Note: collect MSEs that may be defined

# 10 Conclusions and Recommendations

END OF CHANGES