**3GPP TSG-SA4 Meeting #110-e *S4-20xxxx***

**Electronic, Online, 19th–28th August 2020**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *CR-Form-v12.0* | | | | | | | | |
| **PSEUDO CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **TS 26.512** | **CR** | **–** | **rev** | **–** | **Current version:** | **1.3.1** |  |
|  | | | | | | | | |
| *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 |  | Core Network | **X** |

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|  | | | | | | | | | | |
| ***Title:*** | Provisioning Sessions API | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | BBC | | | | | | | | | |
| ***Source to TSG:*** | S4 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | 5GMS3 | | | | |  | ***Date:*** | | | 2020-08-27 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | **C** |  | | | | | ***Release:*** | | | Rel-16 |
|  | *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)*. | | | | | | | |  | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | Complete the stage 3 design for Provisioning Sessions. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | 1. Add missing refernece to TS 29.514 (for AspId type). 2. Add missing clauses for Overview, Resource structure and Data model for Provisioning Sessions API. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | | The stage 3 design for M1 will be incomplete in Release 16. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 2, 7.2 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **Y** | **N** |  | | | |  | | |
| ***Other specs*** | |  | **X** | Other core specifications | | | |  | | |
| ***affected:*** | |  | **X** | Test specifications | | | |  | | |
| ***(show related CRs)*** | |  | **X** | O&M Specifications | | | |  | | |
|  | |  | | | | | | | | |
| ***Other comments:*** | |  | | | | | | | | |
|  | |  | | | | | | | | |
| ***This CR's revision history:*** | |  | | | | | | | | |

FIRST CHANGE

# 2 References

The following documents contain provisions which, through reference in this text, constitute provisions of the present document.

- References are either specific (identified by date of publication, edition number, version number, etc.) or non‑specific.

- For a specific reference, subsequent revisions do not apply.

- For a non-specific reference, the latest version applies. In the case of a reference to a 3GPP document (including a GSM document), a non-specific reference implicitly refers to the latest version of that document *in the same Release as the present document*.

[1] 3GPP TR 21.905: "Vocabulary for 3GPP Specifications".

[2] 3GPP TS 26.501: "5G Media Streaming (5GMS); General description and architecture".

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[Z] 3GPP TS 29.514: "5G System; Policy Authorization Service; Stage 3".

SECOND CHANGE

## 7.2 Provisioning Sessions API

### 7.2.1 Overview

The Provisioning Sessions API is used by the 5GMS Application Provider to instantiate and manipulate Provisioning Sessions in the 5GMS System, as described in clause 4.3.2. Having created a Provisioning Session, the 5GMS Application Provider can then go on to provision other 5GMS features in the context of that Provisioning Session, using the APIs specified in clause 7.3 *et seq*.

### 7.2.2 Resource structure

The Provisioning Sessions API is accessible through the following URL base path:

{apiRoot}/3gpp-m1d/v1/provisioning-sessions/

Table 7.4.2‑1 specifies the operations and the corresponding HTTP methods that are supported by this API. In each case, the sub-resource path specified in the second column of the table shall be appended to the above URL base path.

Table 7.2.2‑1: Operations supported by the Provisioning Sessions API

|  |  |  |  |
| --- | --- | --- | --- |
| Operation | Sub‑resource path | Allowed HTTP method(s) | Description |
| Create Provisioning Session |  | POST | Used to create a new Provisioning Session resource.  Returns a {provisioningSessionId}. |
| Retrieve Provisioning Session | {provisioningSessionId} | GET | Used to retrieve a Provisioning Session resource for inspection. |
| Destroy Provisioning Session | DELETE | Used to destroy an existing Provisioning Session resource. |

### 7.2.3 Data model

#### 7.2.3.1 ProvisioningSession resource

The data model for the ProvisioningSession resource is specified in table 7.2.3.1-1 below:

Table 7.2.3.1‑1: Definition of ProvisioningSession resource

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Property name | Type | Cardinality | Usage | Description |
| provisioningSessionId | String | 1..1 | C: R  R: R | An identifier for this Metrics Reporting Configuration that is unique within the scope of the enclosing Provisioning Session. |
| aspId | AspId | 0..1 | C: W | The identity of the Application Server Provider, as specified in clause 5.6.2.3 of TS 29.514 [Z]. |
| serverCertificateIds | Array(String) | 0..N | R: RO | A (possibly empty) array of Server Certificate identifiers currently associated with this Provisioning Session. |
| contentPreparation‌TemplateIds | Array(String) | 0..N | R: RO | A (possibly empty) array of Content Preparation Template identifiers currently associated with this Provisioning Session. |
| contentHosting‌ConfigurationId | String | 0..1 | R: RO | The Content Hosting Configuration identifier currently associated with this Provisioning Session, if any. |
| consumptionReporting‌ConfigurationId | String | 0..1 | R: RO | The Consumption Reporting Configuration identifier currently associated with this Provisioning Session, if any. |
| metricsReporting‌ConfigurationIds | Array(String) | 0..N | R: RO | A (possibly empty) array of Metrics Reporting Configuration identifiers currently associated with this Provisioning Session. |
| policyTemplateIds | Array(String) | 0..N | R: RO | A (possibly empty) array of Policy Template identifiers currently associated with this Provisioning Session. |

END OF CHANGES