**3GPP TSG-CT WG4 Meeting #96C4-200896**

**Sophia Antipolis, EU; 24th – 28th February 2020**

**Source: Ericsson**

**Title: Completion of ImsProfileData**

**Spec: 3GPP TS 29.562 v0.3.0**

**Agenda item: 6.1.14**

**Document for: Agreement**

**1. Introduction**

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**2. Reason for Change**

Complete the data model for ImsProfileData. This pCR has a dependency of C4-200574 and C4-200577 since it is reusing some of their data types.

**3. Conclusions**

-

**4. Proposal**

It is proposed to agree the following changes to 3GPP TS 29.562 v0.3.0.

\* \* \* First Change \* \* \* \*

##### 6.2.6.2.4 Type: ImsProfileData

Table 6.2.6.2.4-1: Definition of type ImsProfileData

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Attribute name | Data type | P | Cardinality | Description |
| supportedFeatures | SupportedFeatures | O | 0..1 | See clause 6.1.8 |
| imsServiceProfiles | Array(ImsServiceProfile) | M | 1..N | Ims service profile shared by several public identities when they belong to an IRS. |
|  |  |  |  |  |
| maxAllowedSimulReg  | integer  | O | 0..1 | Maximum number of allowed simultaneous registrations for the Public User Identity |
|  |

\* \* \* Next Change \* \* \* \*

##### 6.2.6.2.x Type: ImsServiceProfile

Table 6.2.6.2.x-1: Definition of type ImsServiceProfile

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Attribute name | Data type | P | Cardinality | Description |
| publicIdentifierList | array(PublicIdentifier) | M | 1..N | List of public identities sharing the same service profile and its individual data |
| ifcs | Ifcs | O | 1 | List of IFCs and/or shared IFC set identifiers |

##### 6.2.6.2.x Type: PublicIdentifier

Table 6.2.6.2.x-1: Definition of type PublicIdentifier

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Attribute name | Data type | P | Cardinality | Description |
| publicIdentity | PublicIdentity | M | 1 | Public identity information |
| displayName | string | O | 1 | Name associated with the public identity |
| imsServicePriority | PriorityLevels | O | 1 | Multimedia service priority |
| serviceLevelTraceInfo | ServiceLevelTraceInformation | O | 1 | Service Level Tracing Information |
| barringIndicator | boolean | O | 1 | Indicates whether the identity is barred, i.e. it can not be used in any IMS communication except registrations, re-registrations and de-registrations.true: identitiy is barredfalse or absent: identity is not barred |
| wildcardedImpu | String | O | 1 | When identityType is wildcarded IMPU it contains the wildcard id as stored by HSS |

\* \* \* Next Change \* \* \* \*

## A.3 Nhss\_imsSDM API

openapi: 3.0.0

info:

 version: '1.0.0.alpha-1'

 title: 'Nhss\_imsSDM'

 description: |

 Nhss Subscriber Data Management Service for IMS.

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externalDocs:

 description: 3GPP TS 29.562 Unified Data Management Services, version 0.3.0

 url: 'http://www.3gpp.org/ftp/Specs/archive/29\_series/29.562/'

servers:

 - url: '{apiRoot}/nhss-ims-sdm/v1'

 variables:

 apiRoot:

 default: https://example.com

 description: apiRoot as defined in clause 4.4 of 3GPP TS 29.501.

security:

 - oAuth2ClientCredentials:

 - nhss-ims-sdm

 - {}

paths:

 /{imsUeId}/ims-data/profile-data/profile-data:

 get:

 summary: Retrieve the complete IMS profile for a given IMS public identity (and public identities in the same IRS)

 operationId: GetProfileData

 tags:

 - IMS Profile Data Retrieval

 parameters:

 - name: imsUeId

 in: path

 description: IMS Identity. In this case it shall be an IMS public identity

 required: true

 schema:

 $ref: '#/components/schemas/ImsUeId'

 responses:

 '200':

 description: Expected response to a valid request

 content:

 application/json:

 schema:

 $ref: '#/components/schemas/ImsProfileData'

 '404':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/404'

 '405':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/405'

 '500':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/500'

 '503':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/503'

 '504':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/504'

 default:

 $ref: 'TS29571\_CommonData.yaml#/components/responses/default'

……….

components:

 schemas:

# COMPLEX TYPES:

 ImsProfileData:

 type: object

 required:

 - imsServiceProfiles

 properties:

 imsServiceProfiles:

 type: array

 items:

 $ref: '#/components/schemas/ImsServiceProfile'

 supportedFeatures:

 $ref: 'TS29571\_CommonData.yaml#/components/schemas/SupportedFeatures'

 maxAllowedSimulReg:

 type: integer

 ImsServiceProfile:

 type: object

 required:

 - publicIdentifierList

 properties:

 publicIdentifierList:

 type: array

 items:

 $ref: '#/components/schemas/PublicIdentifier'

 ifcs:

 $ref: '#/components/schemas/ifcs'

 PublicIdentifier:

 type: object

 required:

 - publicIdentity

 properties:

 publicIdentity:

 $ref: '#/components/schemas/PublicIdentity'

 displayName:

 type: string

 imsServicePriority:

 $ref: '#/components/schemas/PriorityLevels’

 serviceLevelTraceInfo:

 $ref: '#/components/schemas/ServiceLevelTraceInformation’

 barringIndicator:

 type: boolean

 wildcardedImpu:

 type: string

\* \* \* End of Changes \* \* \* \*