**3GPP TSG-CT WG3 Meeting #115eC3-212369**

**E-Meeting, 14th – 23rd April 2021** *(Revision of C3-212268)*

**Source: Samsung**

**Title: Pseudo-CR on Eees\_UEIdentifier Service description**

**Spec: 3GPP TS 29.558, v0.2.0**

**Agenda item: 17.9**

**Document for: Decision**

**1. Introduction**

Eees\_UEIdentifier service and its API is specified by SA6 in TS 23.558. This contribution proposes the service description of the Eees\_UEIdentifier API.

**2. Reason for Change**

Stage 3 aspects of Eees\_UEIdentifier service API need to be defined aligning to TS 23.558. For the aspects on how EES determines the UE identifier is pending with stage 2 and needs to be aligned. An EN is added for the same, which will be resolved based on stage 2 definition.

**3. Conclusions**

<Conclusion part (optional)>

**4. Proposal**

It is proposed to agree the following changes to 3GPP TS 29.558, v0.2.0.

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

## 5.1 Introduction

*This clause will provide the list of Edge Enabler Server services with their respective service operations.*

The table 5.1-1 lists the Edge Enabler Server APIs below the service name. A service description clause for each API gives a general description of the related API.

Table 5.1-1: List of EES Service APIs

|  |  |  |  |
| --- | --- | --- | --- |
| Service Name | Service Operations | Operation Semantics | Consumer(s) |
| Eees\_EASRegistration | Request | Request/Response | EAS |
| Update | Request/Response | EAS |
| Deregister | Request/Response | EAS |
| Eees\_UEIdentifier | Get | Request/Response | EAS |

Table 5.1-2 summarizes the corresponding Edge Enabler Server APIs defined in this specification.

Table 5.1-2: API Descriptions

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Service Name** | **Clause** | **Description** | **OpenAPI Specification File** | **apiName** | **Annex** |
|  |  |  |  |  |  |

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

## 5.z Eees\_UEIdentifier Service

### 5.z.1 Service Description

The Eees\_UEIdentifier API, as defined in 3GPP TS 23.558 [2], allows an Edge Application Server via Eees interface to obtain an identifier uniquely identifying a UE from the EES.

Editor’s Note: Details about EAS security credentials, verification and authorization of Eees\_UEIdentifier service operation, by the EES, to be aligned with security aspects defined by SA3.

### 5.z.2 Service Operations

#### 5.z.2.1 Introduction

The service operation defined for Eees\_UEIdentifier API is shown in the table 5.z.2.1-1.

Table 5.z.2.1-1: Operations of the Eees\_UEIdentifier API

|  |  |  |
| --- | --- | --- |
| Service operation name | Description | Initiated by |
| Eees\_UEIdentifier\_Get | This service operation is used by the EAS to request UE identifier from a given EES. | EAS |

#### 5.z.2.2 Eees\_UEIdentifier\_Get

##### 5.z.2.2.1 General

This service operation is used by EAS to obtain a UE’s identifier (UE ID, as specified in 3GPP TS 23.558 [2]) from a given EES.

##### 5.z.2.2.2 EAS obtaining UE identifier from EES using Eees\_UEIdentifier\_Get operation

To obtain an UE’s Identifier from the EES, the EAS shall send a HTTP POST message to the EES on the "Identifier Information of UEs" resource as specified in clause 8.z.2.2.4.2. The request body of the POST message includes the information about the user or UE available with EAS, for which the UE identifier is requested.

Upon receiving the HTTP POST message from the EAS, the EES shall:

1. Process the EAS UE Identifier request;

2. verify the identity of the EAS and check if the EAS is authorized to obtain the UE Identifier;

3. if the EAS is authorized to obtain the UE’s Identifier information, then the EES shall;

a. obtain the UE identifier based on the user information received;

b. return the UE identifier to the EAS.

Editor’s Note: How the user’s consent is obtained to share the UE identifier with EAS is FFS and to be aligned with security aspects defined by SA3.

Editor’s Note: How EES determines the UE identifier is FFS and to be aligned with stage 2 aspects.

Editor’s Note: It is FFS, usage of GET method or custom operation without resource, for Eees\_UEIdentifier\_Get service operation is based on clarification from CT4.

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