**3GPP TSG-CT3 Meeting #112e C3-205041\_r1**

**E-Meeting, 04th – 13th November 2020**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *CR-Form-v12.1* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **29.486** | **CR** | **0012** | **rev** | **1** | **Current version:** | **16.1.0** |  |
|  | | | | | | | | |
| *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:*** | Essential corrections and alignments | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | Huawei | | | | | | | | | |
| ***Source to TSG:*** | CT3 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | SBIProtoc16 | | | | |  | ***Date:*** | | | 2020-10-?? |
|  |  | | | |  | |  | | |  |
| ***Category:*** | **F** |  | | | | | ***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)*  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:*** | | The following corrections and alignments are necessary:   * The "Resource URI" column of Table 6.1.3.1-1, Table 6.2.3.1-1, Table 6.3.3.1-1, Table 6.4.3.1-1 and Table 6.5.3.1-1 should contain a "<relative URI below root>" instead of a full resource URI, as per the API TS skeleton provided in TS 29.501. * The "Notifications" table needs to be updated to align with the SBI TS skeleton provided in TS 29.501. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | * Update the "Resource URI" column of Table 6.1.3.1-1, Table 6.2.3.1-1, Table 6.3.3.1-1, Table 6.4.3.1-1 and Table 6.5.3.1-1 by replacing the full resource URI with the associated "<relative URI below root>", i.e. by removing the part "{apiRoot}/<apiName>/<apiVersion>". * Update the "Notifications" table to align with the updated SBI TS skeleton provided in TS 29.501. * Some additional editorial corrections to improve the text. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | | Necessary corrections are not applied. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 6.1.3.1, 6.1.5.5, 6.2.3.1, 6.3.3.1, 6.3.5.5, 6.4.3.1, 6.4.5.5, 6.5.3.1 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **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:*** | | This CR does not impact OpenAPI specification files. | | | | | | | | |
|  | |  | | | | | | | | |
| ***This CR's revision history:*** | | Rev 1: dd | | | | | | | | |

\* \* \* Start of changes \* \* \* \*

6.1.3.1 Overview

**

**Figure 6.1.3.1-1: Resource URI structure of the VAE\_V2X\_Message\_Delivery API**

Table 6.1.3.1-1 provides an overview of the resources and applicable HTTP methods.

**Table 6.1.3.1-1: Resources and methods overview**

|  |  |  |  |
| --- | --- | --- | --- |
| **Resource name** | **Resource URI** | **HTTP method or custom operation** | **Description** |
| Message Delivery Subscriptions | /subscriptions | POST | Create a new Individual Message Delivery Subscription resource. |
| Individual Message Delivery Subscription | /subscriptions/{subscriptionId} | GET | Read an Individual Message Delivery Subscription resource. |
| DELETE | Delete an Individual Message Delivery Subscription resource. |
| Downlink Message Deliveries | /subscriptions/{subscriptionId}/message-deliveries | POST | Create a new Individual Downlink Message Delivery resource for a V2X UE ID or V2X group ID. |
| Individual Message Delivery | /subscriptions/{subscriptionId}/message-deliveries/{deliveryId} | GET | Read the Individual Downlink Message Delivery resource. |
| DELETE | Delete the Individual Downlink Message Delivery resource. |

\* \* \* Next changes \* \* \* \*

6.1.5.5 Methods

**Table 6.1.5.5-1: Notifications**

|  |  |  |
| --- | --- | --- |
| **Callback URI** | **HTTP method or custom operation** | **Description (service operation)** |
| {notifUri} | POST | Uplink Message Delivery. |

\* \* \* Next changes \* \* \* \*

6.2.3.1 Overview

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**Figure 6.2.3.1-1: Resource URI structure of the VAE\_FileDistribution API**

Table 6.2.3.1-1 provides an overview of the resources and applicable HTTP methods.

**Table 6.2.3.1-1: Resources and methods overview**

|  |  |  |  |
| --- | --- | --- | --- |
| **Resource name** | **Resource URI** | **HTTP method or custom operation** | **Description** |
| File Distributions | /file-distributions | POST | Create a new Individual File Distribution resource for a V2X group ID. |
| Individual File Distribution | /file-distributions/{distributionId} | GET | Read an Individual File Distribution resource. |
| DELETE | Delete an Individual File Distribution resource. |

\* \* \* Next changes \* \* \* \*

6.3.3.1 Overview



**Figure 6.3.3.1-1: Resource URI structure of the VAE\_ApplicationRequirement API**

Table 6.3.3.1-1 provides an overview of the resources and applicable HTTP methods.

**Table 6.3.3.1-1: Resources and methods overview**

|  |  |  |  |
| --- | --- | --- | --- |
| **Resource name** | **Resource URI** | **HTTP method or custom operation** | **Description** |
| Application Requirements | /application-requirements | POST | Create a new Individual Application Requirements resource for a V2X UE or V2X group ID. |
| Individual Application Requirement | /application-requirements /{requirementId} | GET | Read an Individual Application Requirements resource. |
| DELETE | Delete an Individual Application Requirements resource. |

\* \* \* Next changes \* \* \* \*

6.3.5.5 Methods

**Table 6.3.5.5-1: Methods**

|  |  |  |
| --- | --- | --- |
| **Callback URI** | **HTTP method or custom operation** | **Description (service operation)** |
| {notifUri} | POST | Notify the result of the network resource adaptation corresponding to the V2X application requirement. |

\* \* \* Next changes \* \* \* \*

6.4.3.1 Overview

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**Figure 6.4.3.1-1: Resource URI structure of the VAE\_DynamicGroup API**

Table 6.4.3.1-1 provides an overview of the resources and applicable HTTP methods.

**Table 6.4.3.1-1: Resources and methods overview**

|  |  |  |  |
| --- | --- | --- | --- |
| **Resource name** | **Resource URI** | **HTTP method or custom operation** | **Description** |
| Group Configurations | /group-configurations | POST | Create a new Individual Group Configuration resource for a V2X group ID. |
| Individual Group Configuration | /group-configurations /{configId} | GET | Read an Individual Group Configuration resource. |
| DELETE | Delete an Individual Group Configuration resource. |

\* \* \* Next changes \* \* \* \*

#### 6.4.5.5 Methods

Table 6.4.5.5-1: Methods

|  |  |  |
| --- | --- | --- |
| Callback URI | HTTP method or custom operation | Description (service operation) |
| {notifUri} | POST | Notify the dynamic group information (i.e. group member joins or leaves). |

\* \* \* Next changes \* \* \* \*

#### 6.5.3.1 Overview



Figure 6.5.3.1-1: Resource URI structure of the VAE\_ServiceContinuity API

Table 6.5.3.1-1 provides an overview of the resources and applicable HTTP methods.

Table 6.5.3.1-1: Resources and methods overview

|  |  |  |  |
| --- | --- | --- | --- |
| Resource name | Resource URI | HTTP method or custom operation | Description |
| Individual Geographical Area | /geo-areas/{geoId} | GET | Query the Individual Geographical Area resource. |

\* \* \* End of changes \* \* \* \*