**3GPP TSG-CT WG1 Meeting #126-eC1-20xxxx**

**Electronic meeting, 15-23 October 2020 was C1-205994**

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| *CR-Form-v12.0* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
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|  | **24.486** | **CR** | **0029** | **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 | **X** | Radio Access Network |  | Core Network | **X** |

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| ***Title:*** | Update to server procedure of V2X service discovery procedure | | | | | | | | | |
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| ***Source to WG:*** | Huawei, Hisilicon | | | | | | | | | |
| ***Source to TSG:*** | C1 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | V2XAPP | | | | |  | ***Date:*** | | | 2020-10-01 |
|  |  | | | |  | |  | | |  |
| ***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-12 (Release 12)* *Rel-13 (Release 13) Rel-14 (Release 14) Rel-15 (Release 15) Rel-16 (Release 16)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | The HTTP response message of the server procedure of V2X service discovery procedure is unclear, quote of Clause 6.6.2: *6.6.2 Server procedure* *Upon reception of an HTTP POST request message containing:*  *a) a Content-Type header field set to "application/vnd.3gpp.vae-info+xml"; and*  *b) an application/vnd.3gpp.vae-info+xml MIME body with a <service-discovery-info> element in the <VAE-info> root element, the VAE-S:*  *1) shall reply with a HTTP response with a <result> element of the <service-discovery-info> element set to a value "success" or "fail", and may include a <service-discovery-data> element which provides the V2X UE service discovery data.*  The HTTP response needs to be detailed. | | | | | | | | |
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| ***Summary of change:*** | | 1. Specify the HTTP response message; | | | | | | | | |
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| ***Consequences if not approved:*** | | The HTTP response message of the server procedure of V2X service discovery procedure is unclear. | | | | | | | | |
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| ***Clauses affected:*** | | 6.6.2 | | | | | | | | |
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|  | | **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's revision history:*** | |  | | | | | | | | |

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

### 6.6.2 Server procedure

Upon reception of an HTTP POST request message containing:

a) a Content-Type header field set to "application/vnd.3gpp.vae-info+xml"; and

b) an application/vnd.3gpp.vae-info+xml MIME body with a <service-discovery-info> element in the <VAE-info> root element,

the VAE-S:

a) shall generate an HTTP 200 (OK) response according to IETF RFC 2616 [19]. In the HTTP 200 (OK) response message, the VAE-S:

1) shall include a Content-Type header field set to "application/vnd.3gpp.vae-info+xml"; and

2) shall include an application/vnd.3gpp.vae-info+xml MIME body with a <service-discovery-info> element in the <VAE-info> root element:

i) shall include a <result> child element set to the value "success" or "failure" indicating success or failure of getting the service discovery information; and

ii) if <result> element is set to “success”, shall include a <service-discovery-data> element with one or more <V2X-service-mapping> elements, each <V2X-service-mapping> shall include:

A) one or more <V2X-service-id> element(s) set to the identities of the available V2X service IDs; and

B) a <V2X-AS-address> element set to the V2X AS address; and

b) shall send the HTTP 200 (OK) response towards the VAE-C.

\* \* \* End of Change \* \* \* \*