**3GPP TSG-CT WG1 Meeting #131-eC1-21xxxx**

**E-meeting, 19-27 August 2021**

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| *CR-Form-v12.1* |
| **CHANGE REQUEST** |
|  |
|  | **24.486** | **CR** | **0107** | **rev** | **-** | **Current version:** | **17.0.0**  |  |
|  |
| *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:***  | UE initiated session-oriented service update procedure |
|  |  |
| ***Source to WG:*** | Huawei, Hisilicon |
| ***Source to TSG:*** | C1 |
|  |  |
| ***Work item code:*** | eV2XAPP |  | ***Date:*** | 2021-08-10 |
|  |  |  |  |  |
| ***Category:*** | **B** |  | ***Release:*** | Rel-17 |
|  | *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 canbe 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)* |
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| ***Reason for change:*** | The specification needs to define the stage 3 details of the UE initiated session-oriented service update procedure defined in 3GPP TS 23.286 clause 9.19.3.3. |
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| ***Summary of change:*** | 1. Add the UE initiated session-oriented service update procedure. |
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| ***Consequences if not approved:*** | The UE initiated session-oriented service update procedure is missing |
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| ***Clauses affected:*** | 6.13.1.2(New), 6.13.2.2(New) |
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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 \* \* \* \*

#### 6.13.1.2 UE initiated session-oriented service update

In order to update a session-oriented service with one or more V2X UEs (remote vehicle), the VAE-C (acting as remote controller) shall generate an HTTP POST request according to procedures specified in IETF RFC 7231 [19]. In the HTTP POST request, the VAE-C:

a) shall set the Request-URI to the URI included in the received HTTP response for the V2X service discovery procedure (see clause 6.6);

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

c) shall include an application/vnd.3gpp.vae-info+xml MIME body with a <session-oriented-change-trigger-info> element included in the <VAE-info> root element which shall include:

1) a <session-id> element set to the session identifier of the session-oriented service; and

2) a <V2X-application-QoS-requirements> element indicating the application QoS requirements (reliability, delay, jitter) for the session-oriented service that is to be updated; and

d) shall send the HTTP POST request towards the VAE-S according to IETF RFC 7231 [19].

\* \* \* NEXT Change \* \* \* \*

#### 6.13.2.2 UE initiated session-oriented service update

Upon receiving 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 <session-oriented-service-change-info> element,

the VAE-S shall generate an HTTP 200(OK) response message according to procedures specified in IETF RFC 7231 [19]. In the HTTP 200(OK) response, the VAE-S:

a) shall set the Request-URI to the URI corresponding to the identity of the V2X UE;

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

c) shall include an application/vnd.3gpp.vae-info+xml MIME body with a <session-oriented-service-change-info> element in the <VAE-info> root element which shall include an <acknowledgement> element indicating the acknowledgement for the request; and

d) shall send the HTTP POST request towards the VAE-C according to IETF RFC 7231 [19].

If the VAE-S acknowleges the request, the VAE-S shall perform the procedure to change session oriented service with VAE client (e.g. remote vehicle).

Editor’s note: It is FFS to specify the procedure for VAE-S to change session oriented service with VAE client (e.g. remote vehicle).

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