**3GPP TSG-CT WG3 Meeting #125 *C3-225504***

**Toulouse, France, 14th – 18th November 2022**

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| *CR-Form-v12.2* |
| **CHANGE REQUEST** |
|  |
|  | **29.549** | **CR** | **0119** | **rev** | **1** | **Current version:** | **17.6.0** |  |
|  |
| *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:***  | Correction of the presence and cardinality of the “suppFeat” attribute within the MulticastSubscription data structure in the SS\_NetworkResourceAdaptation API |
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| ***Source to WG:*** | Ericsson |
| ***Source to TSG:*** | CT3 |
|  |  |
| ***Work item code:*** | SEAL |  | ***Date:*** | 2022-11-02 |
|  |  |  |  |  |
| ***Category:*** | **A** |  | ***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-16 (Release 16)Rel-17 (Release 17)Rel-18 (Release 18)Rel-19 (Release 19)* |
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| ***Reason for change:*** | The “suppFeat” attribute within the MulticastSubscription data type (table 7.4.1.4.2.2-1) is defined as mandatory. However, the OpenAPI implementation for the SS\_NetworkResourceAdaptation API (annex A.5) defines the “suppFeat” attribute within the MulticastSubscription data type as optional.Also, the description of the “suppFeat” describes the condition for the attribute applicability in the POST method. However, this data type is used on the multicast-subscriptions/{multiSubId} resource in the GET response body.Thus, the controdiction between the main body of the secification, the data structure usage in the POST method and the GET response body, and the OpenAPI implementation shall be corrected. |
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| ***Summary of change:*** | This CR introduces the FASMO correction of the presence, cardinality, and description of the “suppFeat” attribute within the MulticastSubscription data type in the SS\_NetworkResourceAdaptation API:* The presence of the “suppFeat” attribute is corrected from Mandatory to Conditional. It is needed to address the data structure usage in the POST method and the GET response body.
* The cardinality of the “suppFeat” attribute is corrected from 1 to 0..1. It is needed to align the main body of the specification with the OpenAPI implementation.
* The description of the “suppFeat” attribute is updated to add the description of the attribute on top of the presence condition.
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| ***Consequences if not approved:*** | Interoperability issues due to contradiction between the main body of the secification, the data structure usage in the POST method and the GET response body, and the OpenAPI implementations. |
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| ***Clauses affected:*** | 7.4.1.4.2.2 |
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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 ...  |
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| ***Other comments:*** | * This CR does not affect any OpenAPI file.
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| ***()*** |  |
| ***This CR's revision history:*** |  |

**Additional discussion(if needed):**

**Proposed changes:**

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

###### 7.4.1.4.2.2 Type: MulticastSubscription

Table 7.4.1.4.2.2-1: Definition of type MulticastSubscription

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Attribute name | Data type | P | Cardinality | Description | Applicability |
| valGroupId | string | M | 1 | The identity of the group that the MBMS bearer is requested for. |  |
| anncMode | ServiceAnnoucementMode | M | 1 | Indicates whether the service announcement is sent by NRM server or by the VAL server. |  |
| multiQosReq | string | M | 1 | The QoS requirement for the multicast. |  |
| locArea | MbmsLocArea | O | 0..1 | Indicate the area where the MBMS bearer is requested for. |  |
| duration | DateTime | O | 0..1 | Identifies the absolute time at which the subscription resource is considered to expire. When omitted in the request, it indicates the resource is requested to be valid forever by the VAL server. When omitted in the response, it indicates the resource is set to valid forever by the VAL server. |  |
| tmgi | Uint32 | O | 0..1 | TMGI. Shall be provided by the NRM server if announcement mode is set to VAL. |  |
| notifUri | Uri | M | 1 | Identifies the notification URI where the NRM notification shall be sent to. |  |
| reqTestNotif | boolean | O | 0..1 | Set to true by the NF service consumer to request the VAE server to send a test notification as defined in clause 6.3.5.3. Set to false or omitted otherwise. | Notification\_test\_event |
| wsNotifCfg | WebsockNotifConfig | O | 0..1 | Configuration parameters to set up notification delivery over Websocket protocol as defined in clause 6.3.5.4. | Notification\_websocket |
| suppFeat | SupportedFeatures | C | 0..1 | Used to negotiate the applicability of optional features defined in table 7.4.1.6-1.This parameter may be supplied by the VAL server in the POST request that requests the creation of a Multicast Subscription resource and shall be supplied in the corresponding POST response if it was present in the request. |  |
| upIpv4Addr | Ipv4Addr | O | 0..1 | Ipv4address of the user plane. (NOTE) |  |
| upIpv6Addr | Ipv6Addr | O | 0..1 | Ipv6address of the user plane. (NOTE) |  |
| upPortNum | Port | O | 0..1 | UDP port number of the user plane. |  |
| radioFreqs | array(Uint32) | O | 1..N | The radio frequencies which may be provided by the NRM server. |  |
| NOTE: At least one of upIpv4Addr or upIpv6Addr shall be provided by the NRM server. |

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