**3GPP TSG-CT WG3 Meeting #108eC3-201265**

**E-Meeting, 19th – 28th February 2020**

**Source: Samsung**

**Title: Pseudo-CR on SEAL - Group Management Delete**

**Spec: 3GPP TS 29.549 v1.0.0**

**Agenda item: 16.28**

**Document for: Decision**

**1. Introduction**

This contribution proposes to resolve the following Editor’s notes from Group Management service. Group. New service operation, definition and API definition for VAL group need to be specified.

Editor’s note: Support of HTTP DELETE method for removal of VAL group document resource is FFS.

**2. Reason for Change**

Resolve Editor’s note. VAL group delete operation needs to be specified.

**3. Conclusions**

Resolve Editor’s notes in Group Management service.

New service operation (DELETE) for SS\_GroupManangent API.

**4. Proposal**

It is proposed to agree the following changes to 3GPP TS 29.549 v1.0.0.

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

## 5.1 Introduction of SEAL services

The table 5.1-1 lists the SEAL server APIs below the service name. A service description subclause for each API gives a general description of the related API.

Table 5.1-1: List of SEAL Service APIs

|  |  |  |  |
| --- | --- | --- | --- |
| Service Name | Service Operations | Operation Semantics | Consumer(s) |
| SS\_Location\_Reporting\_Trigger | Location\_Reporting\_Trigger | Request/ Response | VAL server |
| SS\_Location\_Info\_Subscription | Location\_Info\_Subscribe\_Event | Subscribe/Notify | VAL server |
| Location\_Info\_Notify\_Event | VAL server |
| SS\_Obtain\_Location\_Info | Obtain\_Location\_Info | Request/ Response | VAL server |
| SS\_GroupManagement | Query\_Group\_Info | Request/ Response | VAL server |
| Configure\_Group\_Info | Request/ Response | VAL server |
| Create\_Group | Request/ Response | VAL server |
| Delete\_Group | Request/Response | VA:L server |
| SS\_GroupManagementEvent | Subscribe\_Group\_Info\_Modification | Subscribe/Notify | VAL server |
| Notify\_Group\_Info\_Modification | VAL server |
| Notify\_Group\_Creation | VAL server |
| SS\_UserProfileRetrieval | Obtain\_User\_Profile | Request/ Response | VAL server |
| SS\_UserProfileEvent | Subscribe\_User\_Profile\_Update | Subscribe/Notify | VAL server |
| Notify\_User\_Profile\_Update | VAL server |
| SS\_Network\_Resource\_Adaptation | Network\_Resource\_Adaptation | Request/Response | VAL server |
| SS\_Events | Subscribe\_Event | Subscribe/Notify | VAL server |
| Notify\_Event | VAL server |
| Unsubscribe\_Event | VAL server |
| NOTE: The service operations of SS\_Events API are reused by the SS\_Location\_Info\_Subscription, SS\_GroupManagementEvent and SS\_UserProfileEvent for events related services. |

\* \* \* 2nd Change \* \* \* \*

##### 5.3.1.2.1 Introduction

The service operation defined for SS\_GroupManagement API is shown in the table 5.3.1.2.1-1.

Table 5.3.1.2.1-1: Operations of the SS\_GroupManagement API

|  |  |  |
| --- | --- | --- |
| Service operation name | Description | Initiated by |
| Query\_Group\_Info | This service operation is used by VAL server to query for group membership list and configuration information. | VAL Server |
| Configure\_Group\_Info | This service operation is used by VAL server to modify group membership and configuration information. | VAL server |
| Create\_Group | This service operation is used by VAL server to configure new VAL group. | VAL server |
| Delete\_Group | This service operation is used by the VAL server to delete the VAL group. | VAL server |

\* \* \* 3rd Change \* \* \* \*

##### 5.3.1.2.X Delete\_Group

###### 5.3.1.2.X.1 General

This service operation is used by a VAL server to delete a VAL group.

###### 5.3.1.2.X.2 VAL server deleting VAL group using Delete\_Group service operation

To delete a VAL group, the VAL server shall send a HTTP DELETE message to the Group Management server to its resource representation in the Group Management server as specified in clause 7.2.1.2.3.3.X. Upon receiving HTTP DELETE message, the Group Management server shall:

1. verify the identity of the VAL server and check if the VAL server is authorized to delete the VAL group document;

2. if the VAL server is authorized to delete the VAL group document, the Group Management server shall

a. delete the resource representation pointed by the group document resource identifier; and

\* \* \* 4th Change \* \* \* \*

7.2.1.2.3.3.X DELETE

This operation deletes the VAL group document. This method shall support the URI query parameters specified in table 7.2.1.2.3.3.X-1.

Table 7.2.1.2.3.3.X-1: URI query parameters supported by the DELETE method on this resource

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Data type | P | Cardinality | Description |
| n/a |  |  |  |  |

This method shall support the request data structures specified in table 7.2.1.2.3.3.X-2 and the response data structures and response codes specified in table 7.2.1.2.3.3.X-3.

Table 7.2.1.2.3.3.X-2: Data structures supported by the DELETE Request Body on this resource

|  |  |  |  |
| --- | --- | --- | --- |
| Data type | P | Cardinality | Description |
| n/a |  |  |  |

Table 7.2.1.2.3.3.X-3: Data structures supported by the DELETE Response Body on this resource

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Data type | P | Cardinality | Responsecodes | Description |
| n/a |  |  | 204 No Content | The individual VAL group document matching the groupDocId is deleted.  |
| NOTE: The mandatory HTTP error status codes for the DELETE method listed in table 5.2.6-1 of 3GPP TS 29.122 [3] also apply. |

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