**3GPP TSG-CT WG3 Meeting #108eC3-201268**

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

**Source: Samsung**

**Title: Pseudo-CR on SEAL - Group Management Editor Notes**

**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 note from Group Management service API definition.

Editor’s note: It is FFS whether the Create\_Group service operation can be merged into Configure\_Group\_Info service operation.

The operation of both service operations are different, one uses HTTP POST and another uses HTTP PUT. Also, using PUT for creating a VAL group resource, the VAL server needs to assign a unique identifier, which only SEAL server can ensure the uniqueness. Merging both service operations also increases the signalling. Hence it is recommended to keep Create and Configure (modify) service operations separate with separated HTTP operations.

Based on the comments received during the meeting, the contribution also changes “Configure\_Group\_Info” service operation name to “Update\_Group\_Info”.

**2. Reason for Change**

Editor’s note to be resolved.

Based on the comments received during the meeting, the contribution also changes “Configure\_Group\_Info” service operation name to “Update\_Group\_Info”.

**3. Conclusions**

Resolve Editor’s note in Group Management service.

Change “Configure\_Group\_Info” service operation name to “Update\_Group\_Info”.

**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 |
| Update\_Group\_Info | Request/ Response | VAL server |
| Create\_Group | Request/ Response | VAL 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.

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

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 |
| Update\_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 |

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

##### 5.3.1.2.3 Update\_Group\_Info

###### 5.3.1.2.3.1 General

This service operation is used by a VAL server to modify group membership and configuration information.

###### 5.3.1.2.3.2 VAL server modifying group membership and configuration using Update\_Group\_Info service operation

To modify group information of a VAL group, the VAL server shall send HTTP PUT message to the group management server to the Resource URI identifying the VAL group document resource representation, as specified in the clause 7.2.1.2.3.3.2. This request shall not replace valGroupId property in the existing resource. Upon receiving the HTTP PUT message, the group management server shall:

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

2. verify that valGroupId in the request is same as valGroupId of the VAL group document resource;

3. if the VAL server is authorized to modify the group information and the valGroupId matches, then the group management server shall;

a. if the group configuration information in the request is valid, update the resource identified by the Resource URI of the group document with group members list and group configuration information received in the request;

b. return the updated VAL group document in the response

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