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Title	On RS_Member_List_Update message
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Re:	This is in response for call for comments P802.16j/D1
Abstract	Some clarifications for RS_Member_List_Update
Purpose	Review and adopt
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On RS_Member_List_Update message

Adrian Boariu, et al.

NSN

Introduction

The RS_Member_List_Update message provides the list of CIDs to be monitored by the members of the RS group. We are providing an optimization of the message while keeping the same functionality.

Specification changes

[Change the section 6.3.2.3.84 as following]

The superordinate station of the RS group may transmit RS_Member_List_Update message ~~as a~~ using the multicast CID of the RS group ~~message~~ to update the group members with the details of the traffic burst they shall forward. This message ~~is~~ may be transmitted whenever there is a change in the connection list of the RS group members.

Table 183z—RS_Member_List_Update message format

Syntax	Size	Notes
RS_Member_List_Update_Message_Form at {		
Management Message Type = 91	8 bits	
Configured_para_type	4 bits	b0 = 1: data forwarding on a per CID basis b0 = 0: RSs in the group shall forward all data b1 – b3: reserved
If (b0 of Configured_para_type == 1) { Reserved	1 bit	Shall be set on zero
Number_RS	3 8 bits	Number of RS group members involved with the CID list update
for (i=0;i<Number_RS;i++) {		
RS_Basic CID	16 bits	Basic CID of the RS group member
N_CID_Add	8 bits	Number of CIDs whose data is to be <u>added to the forwarding by the RS group member list</u>
for (j=0;j<N_CID_Add;j++) {		
CID	16 bits	CIDs involved with the list update <u>to be added</u>
Add_Remove	1 bit	b0 = 1: Add CID to the forwarding list b0 = 0: Remove CID from the forwarding the list
}		
N_CID_Remove	8 bits	Number of CIDs to be removed from the forwarding list
for (j=0;j<N_CID_Remove;j++) {		
CID	16 bits	<u>CID to be removed</u>
}		
}		
<u>TLV Encoded Information</u>	variable	<u>TLV specific</u>
}		

~~Number_RS~~

~~————— This field indicates the number of RS group members for which there is an update of the connection list for selective forwarding~~

~~———— N_CID~~

~~————— If b0 of Configured_para_type equals 1, this field indicates the total number connections that need to be added to and/or removed from the CID list of the indicated group member. If b0 of Configured_para_type=0, this field indicates the total number subordinate terminal nodes that need to be added to and/or removed from the CID list of the indicated group member.~~

~~———— CID~~

~~————— If b0 of Configured_para_type equals 1, this field indicates the transport CID to be added to and/or removed from the CID list of the indicated group member. If b0 of Configured_para_type=0, this field indicates the basic CID of the subordinate terminal nodes to be added to and/or removed from the CID list of the indicated group member.~~

~~———— Add_Remove~~

~~————— This field indicates whether the CID of the burst will be added to or removed from the current CID list of the RS group member~~

The RS Member List Update message may include the following parameter encoded as TLV-tuples:

HMAC/CMAC Tuple (see 11.1.2)