Project	**IEEE 802.16 Broadband Wireless Access Working Group** <http://ieee802.org/16>	
Title	**Comments on CID Encapsulation used in Embedded Path Management**	
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Re:	80216-07_043: IEEE 802.16 Working Group Letter Ballot #28: Announcement	
Abstract	This contribution proposes some comments on CID encapsulation used in embedded path management.	
Purpose	Discuss and adopt proposed text in TG16j	
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Comments on CID Encapsulation used in Embedded Path Management

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Introduction

As specified in current draft, under embedded path management CID encapsulation can be required to route a packet that does not correspond to the routing path implied by the systematic CID assignment. And CID encapsulation can also be used to carry tunnel data.

And because in current draft the path management and routing and transmission of MPDU are separated issues, and CID encapsulation has relation with two issues.

In addition, there is no detailed specification about what is the temporary topology changes due to mobility or path update.

So we need more clearly description about the scenario CID encapsulation can be used.

Text Proposal

6.3.25.1 Embedded path management for relay
[To change the third paragraph as follows]

~~To accommodate temporary topology changes due to mobility or path update, CID encapsulation may be required to route a packet that does not correspond to the routing path implied by the systematic CID assignment.~~
~~If CID encapsulation is not required, then~~ In embedded path management case, ~~,~~ the packet can be~~is~~ transmitted and routed via the embedded path information contained in the systematic CID assignment. CID encapsulation can also be used to route a packet under the embedded path management. And once used, CID encapsulation is only used for transmission using tunnel packet mode.

Reference

[1] IEEE P802.16j_D1 document
[2] IEEE C802.16j-07_241r5, “Connection Management and Relay Path Configuration”
[3] IEEE C802.16j-07_126r4, “Routing with CID Encasulation”