IEEE P802.11
Wireless LANs

|  |
| --- |
| Comment Collection 09 MAC CIDs (Comment Resolutions for CC09) |
| Date: 2013-07-17 |
| Author(s): |
| Name | Affiliation | Address | Phone | email |
| Haiguang WANG | I2R | 1 Fusionopolis Way, #21-01 Connexis (South Tower)Singapore 138632 | +65 64082256 | hwang@i2r.a-star.edu.sg |
| Zander LEI | I2R |  |  | leizd@i2r.a-star.edu.sg |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

Abstract

This document provides resolutions for CID 887.

The changes are in the following subclauses: 10.3.7.

Table of Contents

[0 Revision Notes 2](#_Toc350888716)

# 0 Revision Notes

R0: First draft

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **CID** | **Page** | **Line** | **Comment** | **Proposed Change** | **Remark** |
| 887 | 173 | 56 | IEEE 802.11ai Draft 0.5 is supporting a differentiated initial link setup procedure. See the following:"10.25.10 Differentiated Initial Link SetupTo alleviate management frame congestion that may occur when excess initial links are set up concurrently, the differentiated link setup procedure provides a method for an AP to moderate non-AP STAs association events with the AP."I believe that an Authentication Control procedure of 11ah is a subset of 11ai.It is reasonable to improve the existing mechanism if it is needed. | For an authentication control, reuse the differentiated initial link setup procedure.Reason: please refer to the discussion. | Rejected |

Discussion: *Firstly, the use cases in11ai are different from that in 11ah. Specifically, 11ai addresses the congestion caused by tens to a couple of hundreds STAs trying to access the channel in a short period of time. However, 11ah's authentication control is to support up to 6000 STAs for association in emergence cases (e.g STAs power outage) where STAs access channel at the same time.  Secondly, the work in the 802.11ai is still ongoing. It is not a requirement for 11ah to follow 11ai.*

***Proposed changes:*** *None.*