IEEE P802.11  
Wireless LANs

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| Proposed resolution to CID2170 | | | | |
| Date: 2014-03-14 | | | | |
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Abstract

This submission proposes a resolution to CID2170 submitted on 11ad text.

The discussion is in reference to Draft P802.11REVmc\_D2.0.

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| Comment ID | Page | Subclause | Comment | Ad-hoc notes |
| 2170 | 1635 | 10.36.1 | "a destination REDS and an RDS shall establish pair-wise authentication among these STAs if the dot11RSNAEnabled variable for any of these STAs is true." A STA is only aware of the MIB variable status of its own variables.   This reads like it needs to inspect the MIBs of other STAs. | MAC: 2014-01-17 04:49:21Z: Agreed, this needs to be corrected.  However, we need a DMG Relay expert to explain how this is supposed to work - it is not obvious from the existing text how to possibly determine this. |

**Discussion:**

An REDS can obtain the capabilities of other STAs in the BSS including whether the dot11RSNAEnabled is true following the STA’s association with the BSS or with the transmission of an Information Request frame as described in 10.29.1. Therefore, a source REDS can know if the destination REDS is RSNA-capable or not.

Furthermore, an RSNA is a global policy of all STAs including an RDS. So the RDS will either insist on no RSNA for all its links, or it will insist on RSNA for all its links. There is no way it can allow non-RSNA.

In summary, there’s no possibility that a source REDS who wants RSNA communicates with non-RSNA capable RDS or destination REDS. Therefore, it’s not necessary to include RSNA related statement in 10.35.1

**Proposed resolution: Revised**

**10.35.1 General**

*Delete the fifth paragraphs as follows*

~~After an RDS selection through the common relay setup procedures defined in 10.35.2 and prior to data frame transmission, a source REDS, a destination REDS and an RDS shall establish pair-wise authentication among these STAs if the dot11RSNAEnabled variable for any of these STAs is true.~~