

Project	<b>IEEE 802.16 Broadband Wireless Access Working Group</b> < <a href="http://ieee802.org/16">http://ieee802.org/16</a> >
Title	Cipher-based MAC (CMAC) and other MAC issues
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Re:	IEEE P802.16REVe/D7 SB re circ
Abstract	Cipher-based MAC (CMAC) and other MAC issues
Purpose	Adopt changes.
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# Cipher-based MAC (CMAC) and other MAC changes

*Jeff Mandin (Runcom)*

## 1. Problem statement

NIST has replaced OMAC with CMAC. Moreover the work is still a draft.

Short HMAC is not fully defined.

Replay counters for HMAC are not fully defined.

## 2. Text changes

- Change every instance of “OMAC” to “CMAC”
- Add “**Draft Special Publication 800-38B Recommendation for Block Cipher Modes of Operation: the CMAC Mode for Authentication**” to the references
- Add text to indicate that CMAC is still a draft and that the intent is to use the NIST approved CMAC