IEEE P802.11
Wireless LANs

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| [SAE reauthentication timer value] |
| Date: 2017-07-01 |
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Abstract

[802.11-2016 spec defines the use of SAE authentication and key establishment protocol.

The SAE protocol suggests that if a response to a COMMIT message is not received during dot11RSNASAERetransPeriod (timer t0), then the originating peer may retransmit the COMMIT message. The value of the dot11RSNASAERetransPeriod variable is currently set to 40ms, which is a rather small value.

Here it is proposed to change the value of that variable to a more realistic value.

Editor: add the following text to the description of the MIB variable:

dot11RSNASAERetransPeriod OBJECT-TYPE

SYNTAX Unsigned32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

"This is a control variable.

It is written by the SME when establishing or becoming a member of a BSS.

Changes take effect for the next MLME-START.request primitive.

This object specifies the initial retry timeout, in millisecond units,

used by the SAE authentication and key establishment protocol."

DEFVAL { ~~40~~ 2000}

::= { dot11RSNAConfigEntry 40 }

**References:**