IEEE P802.11  
Wireless LANs

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| Proposed Changes for 4.5.4 | | | | |
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Abstract

This document describes proposed changes for clause 4.5.4 in D0.1.

4.5.4 Access control and data confidentiality services

*~~Change the nth paragraphs as follows:~~*

~~The current IEEE Std. 802.11 has a group temporal key security association (GTKSA) security framework for multicast that does not protect origin authenticity between devices having that GTKSA. Such protection is needed in some broadcast use cases.~~

4.5.4.6 Data origin authenticity

*Change the second paragraph as follows:*

Data origin authenticity is applicable only to individually addressed Data frames, and individually addressed robust Management frames on non-eBCS STAs. ~~The protocols do not guarantee data origin authenticity for group addressed frames, as this cannot be accomplished using symmetric keys and public key methods are too computationally expensive.~~ The enhanced broadcast service (eBCS) provides data origin authenticity for group addressed frames.