

# RADEXT WG

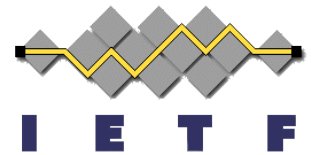
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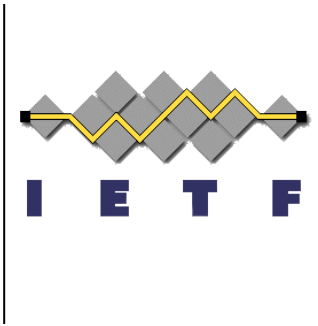
Bernard Aboba

March 12, 2013

IETF 86

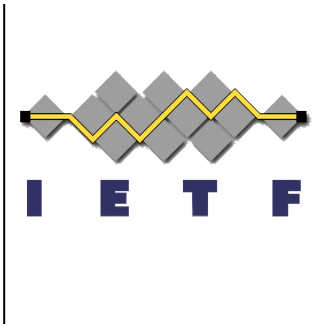


Please join the Jabber room:  
[radext@jabber.ietf.org](mailto:radext@jabber.ietf.org)



## Changes since -03

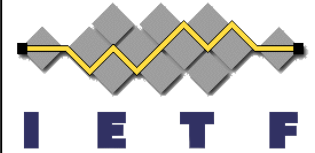
- Incorporate resolutions to the following issues:
- Issue 130: Dan's review
- Issue 131: Additional 802.11 Reason Code Values
- Issue 133: Additional comments from IEEE 802.11.



# Issue 130: Dan's Review

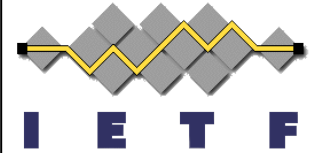
- Added the following security considerations:
- While it is possible for a RADIUS server to make decisions on whether to Accept or Reject an Access-Request based on the values of the WLAN-Pairwise-Cipher, WLAN-Group-Cipher, WLAN-AKM-Suite, WLAN-Group- Mgmt-Cipher and WLAN-RF-Band Attributes the value of doing this is limited. In general, an Access-Reject should not be necessary, except where Access Points and Stations are misconfigured so as to enable connections to be made with unacceptable values. Rather than rejecting access on an ongoing basis, users would be better served by fixing the misconfiguration. Where access does need to be rejected, the user should be provided with an indication of why the problem has occurred, or else they are likely to become frustrated. For example, if the values of the WLAN- Pairwise-Cipher, WLAN-Group-Cipher, WLAN-AKM-Suite or WLAN-Group- Mgmt-Cipher Attributes included in the Access-Request are not acceptable to the RADIUS server, then a WLAN-Reason-Code Attribute with a value of 29 (Requested service rejected because of service provider cipher suite or AKM requirement) SHOULD be returned in the Access-Reject. Similarly, if the value of the WLAN-RF-Band Attribute included in the Access-Request is not acceptable to the RADIUS server, then a WLAN-Reason-Code Attribute with a value of 11 (Disassociated because the information in the Supported Channels element is unacceptable) SHOULD be returned in the Access-Reject.

# Issue 131: Additional 802.11 Reason Code Values



- Proposed additional WLAN-Reason-Code values
- Solution proposed:
  - Since values are assigned by IEEE 802 not by IETF, do not create an IANA registry.
  - That way, all past and future WLAN-Reason-Code values are automatically supported.

# Issue 133: Additional Comments from IEEE 802.11



- Requested that WLAN-Reason-Code be allowed in Accounting-Request packets.
- Solution proposed:
  - Allow W-R-C in Accounting-Requests.
    - No longer necessary to allocate values of Acct-Terminate-Cause corresponding to WLAN-Reason-Code values.

# Feedback?

