IEEE P802.11
Wireless LANs

IEEE 802.11 Liaison Request to IETF EAP Method Update Working Group
EAP Method for Emergency Calls

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Abstract

This is a liason request to the IETF EAP method update working group for a recommendation of an EAP method for use with emergency calls.

From: Stuart J. Kerry (stuart@ok-brit.com), Chair IEEE 802.11 Working Group

To: Joseph Salowey (jsalowey@cisco.com)

cc: Tim Polk (tim.polk@nist.gov), Sam Hartman (hartmans-ietf@mit.edu), Bernard Aboba (aboba@internaut.com)

Title: IEEE 802.11 Liaison Request to IETF EAP Method Update working group

Purpose: To request that the IETF EAP Method Update working group recommend an EAP method for use in emergency calls

Dear Joseph Salowey,

The IEEE 802.11 working group has been defining procedures to support emergency calls at the link layer. As part of this effort, the IEEE 802.11 working group has been in contact with the IETF ECRIT working group. In addition, the IEEE 802.11 working group has further identified a question which leads to this request for information from the IETF EAP Method Update working group.

There are two procedures to enable emergency calls at the link layer currently being considered in for inclusion to amendments to the IEEE 802.11 standard:

1. An "emergency services only" procedure that provides access to the client with no link layer security features enabled.
2. A secure procedure providing client access with link-layer security, using an advertised emergency services Network Access Identifier (NAI) to trigger emergency call handling, as described in IEEE 802.11 document 11-07/0290r2, which is attached to this letter.

The secure procedure uses Extensible Authentication Protocol (EAP). If possible, the IEEE 802.11 working group would like to include a recommended EAP method for use with emergency calls an informative annex to future amendments IEEE 802.11 standard. The IEEE 802.11 working group has developed a set of requirements for an EAP method to support the secure method. These requirements may be found in IEEE 802.11 document number 11-07/0508r1, which is attached to this liaison.

The IEEE 802.11 working group requests that the IETF EAP Method Update working group review the requirements in document 11-07/0508r1 and inform the IEEE 802.11 working group whether an EAP method is currently available to meet these requirements.

We look forward to further discussions on this issue, and would like invite you to send feedback in time for the next face-to-face meeting on July 15-20, 2007 in San Francisco, California. Any members of the IETF EAP working group interested in attending our meetings are welcome to attend either the July meeting in San Francisco, or the following meeting from September 16-21, 2007 in Waikoloa, Hawai'i.

For your reference, IEEE P802.11-2007 is the current version of the IEEE 802.11 Standard.

Please contact Stuart J. Kerry, IEEE 802.11 Working Group chair, together with Dorothy Stanley, IEEE 802.11 to IETF Liaison, and Stephen McCann, TGu chair, with any questions.

Best Regards,

Stuart J. Kerry

Attachments: Contact Information
IEEE 802.11 document 11-07/0508r1

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