P802.21-2017/Cor 1

Submitter Email: sdas@appcomsci.com
Type of Project: Corrigendum to IEEE Standard 802.21-2017
PAR Request Date: 24-Feb-2017
PAR Approval Date:
PAR Expiration Date:
Status: Unapproved PAR, PAR for a Corrigendum to an existing IEEE Standard

1.1 Project Number: P802.21-2017/Cor 1
1.2 Type of Document: Standard
1.3 Life Cycle: Full Use

2.1 Title: Approved Draft Standard for Local and metropolitan area networks -- Part 21: Media Independent Services Framework - Corrigendum 1: Clarification of Parameter definition in Group Session Key derivation

3.1 Working Group: Media Independent Handoff Working Group (C/LM/WG802.21)
Contact Information for Working Group Chair
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3.2 Sponsoring Society and Committee: IEEE Computer Society/LAN/MAN Standards Committee (C/LM)
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  Name: Paul Nikolich
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4.1 Type of Ballot: Individual
4.2 Expected Date of submission of draft to the IEEE-SA for Initial Sponsor Ballot: 07/2017
4.3 Projected Completion Date for Submittal to RevCom
Note: Usual minimum time between initial sponsor ballot and submission to Revcom is 6 months.: 02/2018

5.1 Approximate number of people expected to be actively involved in the development of this project: 10
5.2.a. Scope of the complete standard: This standard defines an extensible IEEE 802(R) media access independent services framework (i.e., function and protocol) that enables the optimization of handover and other services (e.g., discovery) between heterogeneous IEEE 802 networks. It also facilitates these services when networking between IEEE 802 networks and cellular networks.

5.2.b. Scope of the Proposed changes: Clarification of the binary length of derived keying material in Group Session Key derivation

5.3 Is the completion of this standard dependent upon the completion of another standard: No
5.4 Purpose: The Purpose of this standard is to improve the user experience of mobile devices by describing a framework that provides the necessary services to facilitate handover between heterogeneous IEEE 802 networks. This framework is also applicable for interworking between IEEE 802 networks and Cellular networks.

5.5 Need for the Project: In absence of additional clarification on the use of the parameter length, there is a possibility that implementers may interpret it differently which may cause some interoperability issues.

5.6 Stakeholders for the Standard: The stakeholders are users and producers of systems and components for telecommunications, wireless networks, home appliances, industrial control, and smart grid.

Intellectual Property
6.1.a. Is the Sponsor aware of any copyright permissions needed for this project?: No
6.1.b. Is the Sponsor aware of possible registration activity related to this project?: No

7.1 Are there other standards or projects with a similar scope?: No
7.2 Joint Development
  Is it the intent to develop this document jointly with another organization?: No

8.1 Additional Explanatory Notes: