

P802.11

Submitter Email: dstanley1389@gmail.com

Type of Project: Revision to IEEE Standard 802.11-2012

PAR Request Date: 21-May-2012

PAR Approval Date: 30-Aug-2012

PAR Expiration Date: 31-Dec-2016

Status: PAR for a Revision to an existing IEEE Standard

Root Project: 802.11-2012

1.1 Project Number: P802.11

1.2 Type of Document: Standard

1.3 Life Cycle: Full Use

2.1 Title: Standard for Information technology--Telecommunications and information exchange between systems Local and metropolitan area networks--Specific requirements Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications	Changes in title: IEEE Standard for Information technology--Telecommunications and information exchange between systems Local and metropolitan area networks--Specific requirements Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications
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3.1 Working Group: Wireless LAN Working Group (C/LM/WG802.11)

Contact Information for Working Group Chair

Name: Bruce Kraemer

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Contact Information for Working Group Vice-Chair

Name: Jon Rosdahl

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3.2 Sponsoring Society and Committee: IEEE Computer Society/LAN/MAN Standards Committee (C/LM)

Contact Information for Sponsor Chair

Name: Paul Nikolich

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Name: James Gilb

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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: 06/2014

4.3 Projected Completion Date for Submittal to RevCom: 02/2015

5.1 Approximate number of people expected to be actively involved in the development of this project: 300

5.2 Scope: The scope of this standard is to define one medium access control (MAC) and several physical layer (PHY) specifications for wireless connectivity for fixed, portable, and moving stations (STAs) within a local area.

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 provide wireless connectivity for fixed, portable, and moving stations within a local area. This standard also offers regulatory bodies a means of standardizing access to one or more frequency bands for the purpose of local area communication.

5.5 Need for the Project: The reason for this project is to incorporate accumulated maintenance changes (editorial and technical corrections) into 802.11-2012, and roll up of approved amendments to the standard. The approved amendments as of the filing of the revision PAR include IEEE 802.11aa-2012 and IEEE 802.11ae-2012. Four additional amendments are currently under development.

5.6 Stakeholders for the Standard: The stakeholders of this standard are the developers and users of the Wireless LAN devices, including service providers, manufacturers, health care workers, retail service providers, and many others.

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 (Item Number and Explanation): 5.5: IEEE 802.11aa(TM)-2012 Amendment 2: MAC Enhancements for Robust Audio Video Streaming
IEEE 802.11ae(TM)-2012 Amendment 1: Prioritization of Management Frames