

Extension Request for P802.1AR, Approved on 2005-09-22(xxxxxxxx)
Submitter Email: tony@jeffree.co.uk
PAR Expiration Date: 2009-12-31

Number of Previous Extensions Requested: 0 **Last Extension Approval Date:** 0000-00-00

Number of Years being requested: 2

Sponsor: IEEE Computer Society/Local and Metropolitan Area Networks(C/LM)

Chair: Paul Nikolich

79 newbury st YAS BBF LLC

Boston, MA 02116-3019

US

Email: p.nikolich@ieee.org

Working Group: Higher Layer LAN Protocols Working Group(C/LM/WG802.1)

Chair: Anthony Jeffree

11a Poplar Grove

Sale, Cheshire M33 3AX

GB

Email: tony@jeffree.co.uk
Title: Standard for Local and Metropolitan Area Networks - Secure Device Identity

Scope: This standard specifies unique per-device identifiers (DevID) and the management and cryptographic binding of a device to its identifiers, the relationship between an initially installed identity and subsequent locally significant identities, and interfaces and methods for use of DevIDs with existing and new provisioning and authentication protocols.

Purpose: There is presently no standard identifier for IEEE 802 devices that is cryptographically bound to that device, nor is there a standard mechanism to authenticate a device's identity. A verifiable unique device identity allows establishment of the trustworthiness of devices. This facilitates secure device provisioning.

Do the title, scope and purpose match that of the current draft? Yes

Why is an extension required? The working group has developed a number of drafts of this standard, and is currently conducting a Working Group ballot on the latest draft. Although the project will result in a relatively small standard, the security technology involved in the standard is a developing area of work and the process of determining which technologies to use has been time consuming. While it is expected that Sponsor balloting of the project will commence before the end of 2009, there is no certainty that Sponsor balloting will complete before the end date of the PAR (December 2009).

Document Development Information:

- a. What date did you begin writing the first draft? 2005-12-01
- b. How many people are actively working on the project? 20
- c. How many times a year does the working group meet:
 1. In person? 6
 2. Via teleconference? 0
- d. How many times a year is a draft circulated to the working group via electronic means? 4
- e. What percentage of the Draft is stable? 90%
- f. How many significant work revisions has the Draft been through? 10

Project Plan:

When will IEEE sponsor balloting begin? 2009-12-31

When do you estimate that the final IEEE Sponsor ballot will be completed? 2010-12-31

When do you expect to submit the proposed standard to RevCom? 2011-03-01

Adoption:

Will this document be adopted by another source? No

Explanation:

Submit to NesCom

Save and Come Back Later

Contact the [NesCom Administrator](#)