**IEEE P802.15**

**Wireless Specialty Networks**

|  |  |  |
| --- | --- | --- |
| Project | IEEE P802.15 Working Group for Wireless Specialty Networks (WSNs) | |
| Title | **TG 802.15.4ae Call for Participation and Call for Proposals** | |
| Date Submitted | 9th September 2024 | |
| Source | Tero Kivinen | E-Mail: kivinen@iki.fi |
| Abstract | Call for Proposals | |
| Purpose | Announce Call for Participation and call for Proposals to develop the IEEE 802.15.4ae standard specification. | |
| Notice | This document has been prepared to assist the IEEE P802.15. It is offered as a basis for discussion and is not binding on the contributing individual(s) or organization(s). The material in this document is subject to change in form and content after further study. The contributor(s) reserve(s) the right to add, amend, or withdraw material contained herein. | |
| Release | The contributor acknowledges and accepts that this contribution becomes the property of IEEE and may be made publicly available by P802.15. | |

## 

TG 802.15.4ae Call for Participation and Call for Proposals

The Task Group 15.4ae issues a Call for Participation and Call for Proposals for the development of the IEEE 802.15.4ae standard specification.

The TG 15.4ae requests interested parties join the effort in specifying the ASCON cryptographic algorithm [1] for IEEE Std 802.15.4.

The scope of proposals is strictly limited to those described in the Project Authorization Request (PAR), document number 15-24-0267-02 [2], and Criteria for Standards Development (CSD), document number 15-24-0268-02 [3] publicly available on the IEEE 802.15 Mentor archive.

Potential essential patents: if any proposer is holder of any patent claims that are potentially essential to implementation of the 802.15.4ae standard under the submitted proposal that are not already subject of an Accepted Letter of Assurance, please provide the relevant information to the 802.15 WG Chair. Please consult the IEEE Patent Policy and IEEE Copyright Policy (Annex A).

Please submit proposals (and supporting technical material) using the approved IEEE SA document templates to the IEEE 802.15 Mentor archive and send a notification email to the TG Chair, Tero Kivinen no later than November 1st, 2024.

Presentations and discussion of submitted proposals will start during the November 2024 Plenary session.

References:

[1] <https://csrc.nist.gov/CSRC/media/Projects/lightweight-cryptography/documents/round-2/spec-doc-rnd2/ascon-spec-round2.pdf>

[2] <https://mentor.ieee.org/802.15/dcn/24/15-24-0267-02-cryp-par-for-tg4ae-ascon-for-802-15-4.pdf>

[3] <https://mentor.ieee.org/802.15/dcn/24/15-24-0268-02-cryp-csd-for-tg4ae.docx>

**Annex A**

**The IEEE SA Copyright Policy**

The IEEE SA Copyright Policy is described in the IEEE SA Standards Board Bylaws and IEEE SA Standards Board Operations Manual.

IEEE SA Copyright Policy, see Clause 7 of the IEEE SA Standards Board Bylaws [https://standards.ieee.org/about/policies/bylaws/sect6-7.html#7](https://standards.ieee.org/about/policies/bylaws/sect6-7.html" \l "7)

Clause 6.1 of the IEEE SA Standards Board Operations Manual

<https://standards.ieee.org/about/policies/opman/sect6.html>

IEEE SA Copyright FAQs

<https://standards.ieee.org/faqs/copyrights/>

**The IEEE SA Patent Policy**

The patent policy and the procedures used to execute that policy are documented in the IEEE SA Standards Board Bylaws:

[https://standards.ieee.org/develop/policies/bylaws/sect6-7.html#6](https://standards.ieee.org/develop/policies/bylaws/sect6-7.html" \l "6)

IEEE SA Standards Board Operations Manual

[https://standards.ieee.org/develop/policies/opman/sect6.html#6.3](https://standards.ieee.org/develop/policies/opman/sect6.html" \l "6.3)

Material about the patent policy is available at

<https://standards.ieee.org/about/sasb/patcom/materials.html>

If you have questions, contact the IEEE SA Standards Board Patent Committee Administrator at [patcom@ieee.org](mailto:https://standards.ieee.org/about/policies/opman/sect6/)