
IEEE 802.11 WLAN Working Group Liaison Communication

Source: IEEE 802.11 Working Group¹

To: Alexey Melnikov Chair, IRTF CFRG
alexey.melnikov@isode.com

Nick Sullivan Chair, IRTF CFRG
nicholas.sullivan+ietf@gmail.com

Stanislav V. Smyshlyaev Chair, IRTF CFRG
smyshsv@gmail.com

Russ Housley IEEE SA Liaison Manager, IETF
housley@vigilsec.com

CC: Alpesh Shah Secretary, IEEE-SA Standards Board
Secretary, IEEE-SA Board of Governors
sasecretary@ieee.org

James Gilb Chair, IEEE 802 LMSC
gilb_ieee@TUTA.COM

Alfred Asterjadhi Vice-chair, IEEE 802.11 WLAN Working Group
asterjadhi@gmail.com

Stephen McCann Vice-chair, IEEE 802.11 WLAN Working Group
mccann.stephen@gmail.com

Stephen Orr Chair, IEEE P802.11bt Task Group
sorr@cisco.com

Peter Yee IETF Liaison Officer, IEEE 802.11 WLAN Working Group
peter@akayla.com

From: Robert Stacey Chair, IEEE 802.11 WLAN Working Group
robert.stacey@intel.com

Subject: Liaison communication to IRTF regarding draft-vos-cfrg-pqpake

Approval: Approved by the IEEE 802.11 Working Group at IEEE 802.11 interim meeting,
Waikoloa, Hawaii, USA on September 18, 2026

Dear Alexey Melnikov, Nick Sullivan, and Stanislav V. Smyshlyaev:

The IEEE 802.11 working group is working on a project, P802.11bt, with the scope to “extend IEEE 802.11 security to support algorithms for post-quantum cryptography (PQC)”. Part of this extension

¹ This document represents the views of the IEEE 802.11 Working Group, and does not necessarily represent a position of the IEEE, the IEEE Standards Association, or IEEE 802.

specifies “a password authenticated key exchange that uses PQC”. Some participants in IEEE 802.11 have taken particular interest in the work described in the individual draft draft-vos-cfrg-pqpake.

IEEE 802.11 would like to understand the status and expected direction of this work, and would be grateful if the CFRG could provide their opinion on:

1. whether the CFRG anticipates adopting draft-vos-cfrg-pqpake as a research group document;
2. the expected timeline toward RG Last Call and publication; and
3. the point at which the CFRG would consider the specification sufficiently stable to be referenced by another standards development organisation.

This liaison conveys interest in the status of ongoing CFRG work. It does not constitute a decision by IEEE 802.11 to specify any particular mechanism, nor support of any individual Internet-Draft.

Sincerely,

Robert Stacey

Chair, IEEE 802.11 WLAN Working Group

robert.stacey@intel.com

+1 503 724 0893

Peter Yee

IETF Liaison, IEEE 802.11 WLAN Working Group

peter@akayla.com

+1 415 215 7733