IEEE P802.11  
Wireless LANs

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| Liaison statement from Wireless Broadband Alliance re: QOS | | | | |
| Date: 2023-05-14 | | | | |
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Abstract

This document contains a liaison received from the Wireless Broadband Alliance (WBA) related to Quality of Service use cases and operation. The received liaison is embedded below and copied on the following pages. Please see the specific requests in the liaison. The white paper is also embedded below.

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| **Date** | 3rd May, 2023 | **Meeting Time** | **Wednesday**  9am PT, 6pm CET |
| **WG / Project** | WBA E2E Wi-Fi QoS | | |
| **To** | IEEE 802.11 Working Group | | |
| **Project Leads** | Ganesh Venkatesan (Intel Corp), Mehmet Sukru Kuran (Airties),  Enis Akay (Meta), Elif Salik (Lifemote) | | |
| **Topic** | Optimizing QoS over the Wi-Fi Link | | |

Dear IEEE 802.11 Working Group Chair,

The WBA Members formed a technical activity in early 2022 called E2E Wi-Fi QoS, focused on identifying issues causing QoS degradation for QoS-sensitive applications in various topologies, recommending QoS mechanisms and corresponding configurations to deploy and conduct trials to demonstrate the efficacy of the QoS mechanisms in maintaining QoS for QoS-sensitive applications.

In the first phase of this effort, the focus is limited to Wi-Fi link(s) and the use of QoS mechanisms defined in IEEE 802.11-2020 and Wi-Fi Alliance QoS Management Releases 1 and 2 over the Wi-Fi link(s).

The group has recently finished a whitepaper that addresses Residential Use Cases, Enterprise Use Cases, Gaming Use Cases.

Considering this, the group leadership would like to formally liaise with IEEE 802.11 the final draft that will be published later to the WBA Members in June 2023.

The program meetings will carry on now with live trials, where the technology is tested and applied to real practical scenarios in Residential and Enterprise networks. A report summarizing the outcome of these trials will be published at the end of the trials.

Specific requests:

* WBA invites IEEE 802.11 WG members to provide opportune feedback on the document, as well as any other areas that WBA should in future phases of this work.
* WBA invites IEEE 802.11 WG members to be involved in the ongoing trials that will take place during the second half of 2023:
  + With technical or business interest in this topic
  + With focus on QoS-sensitive Application Development or support for QoS mechanisms natively in Operating Systems
* WBA E2E QoS leadership would like to present an overview of this effort to IEEE 802.11 WG in a future IEEE 802.11 session (May 2023 Interim or July 2023 Plenary).

Yours sincerely,  
The WBA E2E Wi-Fi QoS Chairs

**Upcoming WBA events:**

* Wireless Global Congress & Working Sessions – 19th to 22nd June 2023
* For more information, consult <https://www.wirelessglobalcongress.com/>

**References:**