

Broadband Forum Liaison To:

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From:

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Subject: For Information: Quality Experience Delivered program new specification

There is increasing interest across the industry in better understanding, measuring, and managing latency and other quality metrics, for example, the September 2021 IAB workshop on Measuring Network Quality for End Users (RFC 9318). We have previously noted that the Broadband Forum has an ongoing program of work called "Quality Experience Delivered" relating to this within the Performance, Experience, and Application Testing (PEAT) project stream. This program has previously produced a specification TR-452.1, entitled "Quality Attenuation Measurement Architecture and Requirements", which can be accessed here: https://www.broadband-forum.org/technical/download/TR-452.1.pdf. This specification details the overall approach, a generic approach to measurement of latency and its decomposition into meaningful components, and a number of use-cases.

A recent strand of work has concluded with the publication of a new specification TR-452.2, entitled "Quality Attenuation Measurements using Active Test Protocols" which can be accessed here: https://www.broadband-forum.org/technical/download/TR-452.2.pdf. This allows the approach to be applied much more widely at low cost by leveraging existing protocol capabilities (for example in CPE devices) such as TWAMP or STAMP. This opens up new use-cases beyond network design and lab evaluation such as pro-active sampling of network performance and support for customer service troubleshooting.

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Sincerely, Lincoln Lavoie Broadband Forum Technical Committee Chair

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Date of Upcoming Broadband Forum Meetings:

See https://www.broadband-forum.org/category meetings and events/upcoming-meetings

Attachments: N/A