Non Queue Building (NQB) Per Hop Behavior
draft-ietf-tsvwg-nqb-21

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Status

- Draft-14 published October 24, 2022
- WGLC started November 2, 2022
- Draft-15 published January 11
- WGLC ended February 22
- Draft-16 published March 13
- Draft-17 published March 25
- Draft-18 published July 10
- Draft-19 published July 26
- Draft-20 published October 18
- Draft-21 published Nov 7
- Milestone: Submit as Proposed Standard RFC by December 2023

Draft-20 deltas (sent to list on Oct 18)

- Minor editorials (say "microflow" when we mean microflow, and "application" when we mean application, spelling corrections, etc).

- Add mention in https://www.ietf.org/archive/id/draft-ietf-tsvwg-nqb-20.html#section-4.3 to indicate that a dual queue (Default and NQB) node may provide performance similar to EF (per the mailing list discussion).

- discuss handling of rate-limits and guarantees (if such are provided to the Default PHB), provide hierarchical QoS configuration suggestion, and say "equal" instead of "fair" in the PHB requirements section https://www.ietf.org/archive/id/draft-ietf-tsvwg-nqb-20.html - section-4.1. Note, this introduces one new requirement statement.

- reword the description of Default queues in typical access nodes in https://www.ietf.org/archive/id/draft-ietf-tsvwg-nqb-20.html#section-5.1

- rename https://www.ietf.org/archive/id/draft-ietf-tsvwg-nqb-20.html#section-7

- be specific about the mapping of DSCP to UP for Wi-Fi, to be consistent with RFC8325, in https://www.ietf.org/archive/id/draft-ietf-tsvwg-nqb-20.html - section-7.3. Note, this introduces two new recommendations.

- add a note in https://www.ietf.org/archive/id/draft-ietf-tsvwg-nqb-20.html#name-security-considerations, that detailed security considerations for network technologies defined by other SDOs are not included in this document

- Much re-working of the text in https://www.ietf.org/archive/id/draft-ietf-tsvwg-nqb-20.html#appendix-B describing the comparison of NQB and EF.

Draft-21 deltas

- Added Rüdiger Geib as co-author
- Updated contact info for Thomas
- s/WiFi/Wi-Fi/g

Draft-21 status

- This draft includes:
    - All changes arising from WGLC comments
    - All changes arising from post-WGLC comments
- All issues in the GitHub issues tracker are closed
    - https://github.com/gwhiteCL/NQBdraft/issues

Next Steps

- Begin final WGLC?