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**From:**

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**Liaison Communicated** **By:**

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**Date:** 21 January 2025

**Subject:** Response to IETF NMOP on “Automated Intelligent Management (AIM)and Broadband Network Data Collection (BNDC)”

Dear colleagues,

The Broadband Forum would like to thank IETF NMOP for the liaison received regarding “Automated Intelligent Management (AIM) and Broadband Network Data Collection (BNDC)”.

The Broadband Forum would like to inform IETF NMOP that the activity related to data collection is just at beginning and it hasn’t been taken yet any decision about possible protocols and data structures to be used. The Broadband Forum will update IETF NMOP as soon as the Broadband Forum will have taken any decision.

The latest draft version of the WT-508 “Broadband Network Data Collection (BNDC)” is attached to this liaison. Please be aware that the document is still under development and some parts are not completed or subject to changes and others are missing. We will continue to update IETF NMOP as soon as will have significant updates or changes of the document.

The scope of the document is the following, coming from project proposal:

* Architectural definition and description of the components of the Data Collection solution.
* Specification of interfaces between the components of the Data Collection solution.
* Consideration of BBF standard data objects, and vendor specific extensions to determine how they best fit in this model with little or no modification.
* Main collection use cases: real-time, on-demand or streaming telemetry, bulk collection, and adaptive DC driven by some predefined strategies
* Transfer protocols as suitable for different collection modes (push, pull, bulk, streaming, pub/sub)
* Specification of data encapsulation mechanism(s)
* Recommendations of preferred open-source tools

The Broadband Forum would be also very grateful if IETF NMOP continues to inform Broadband Forum about the progress on the activities ongoing on data collection.

The Broadband Forum looks forward to a fruitful collaboration.

Sincerely,

Lincoln Lavoie,

Broadband Forum Technical Committee Chair

**CC:**

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**Attachment:**WT-508 “Broadband Network Data Collection (BNDC)” Revision 04, August 2024



**Date of Upcoming Broadband Forum** **Meetings:** A list of upcoming meetings can be found at <https://www.broadband-forum.org/what-s-happening/meetings-events-webinars/upcoming-bbf-meetings>