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Subject: For Information: YANG Data Model for ANCP

We would like to inform IETF that the Broadband Forum has approved a proposal to begin work on a YANG Data Model for the Management of the Access Network Control Protocol (ANCP) for access networks. This work will be initially based on RFC 6320 "Protocol for Access Node Control Mechanism in Broadband Networks", which is referenced in the following Technical Reports:

- TR-147 Layer 2 Control Mechanism For Broadband Multi- Service Architectures;
- TR-207 Layer 2 Control Mechanism For Broadband Multi- Service Architectures part II;
- TR-301i2 Architecture and Requirements for Fiber to the Distribution Point.

Since the publication of RFC 6320 in October 2011, RFC 6934 "Applicability of the Access Node Control Mechanism to Broadband Networks Based on Passive Optical Networks (PONs)" has been published and DSL technology has also evolved. TR-301i2 also defines an additional set of TLVs for DSL Line Attributes for G.fast.

We, therefore, look forward to a timely consideration by the IETF to progress a draft "Access Extensions for the Access Node Control Protocol", which is in the process of submission and which updates the ANCP protocol to cover PONs, newer DSL technologies and the requirements originating from TR-301i2.

Sincerely,

Michael Fargano,
Broadband Forum Technical Committee Chair

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Dates of Upcoming Broadband Forum Meetings

<https://www.broadband-forum.org/what-s-happening/meetings-events-webinars/upcoming-bbf-meetings>