Liaison Relationship:

IETF 116 – IAB Open Session

David Sinicrope
IETF Liaison Manager for the Broadband Forum

BBF History and Background

Current Broadband Forum is a merger of several industry consortia all of which have had productive working relations with IETF since the early 1990s.

- ADSL Forum =
- DSL Forum =
- Broadband Forum +

- Frame Relay Forum +
- MPLS Forum =
- MPLS/Frame Relay Alliance +
- ATM Forum =
- MFA Forum =
- IP/MPLS Forum =

For more details on the Forum itself see their website

BBF / IETF Relationship

- *No written liaison relationship*
- There is no document that describes the standardization cooperative relationship between Broadband Forum and the IETF
- The liaison relationship is managed via
  - liaison exchange*
  - coordination between mutual participants,
  - the IETF Liaison Manager to BBF and
  - BBF Liaison Officer to IETF
- Light, easy and... it works

*Note: BBF is a membership organization with member confidentiality agreements on contribution and work in progress.

No BBF work in progress should be circulated *unless it comes via liaison* from the BBF.

IETF/BBF Coordination

- Coordination Teleconferences - None
- Nearly all coordination and inter org engagement work is done via email or face to face interaction at IETF and BBF meetings
- On rare occasion and as needed, calls are arranged based on specific work or issues of interest
- Similar to IEEE 802 - "Historically, much of the work of coordination has fallen on individuals attending meetings of both IEEE and IETF" - this is precisely what we rely on for BBF/IETF coordination

Liaison Statements and Liaison Managers

- Liaison Managers
  - IETF Liaison Manager to BBF - Dave Sinicrope
  - BBF Liaison Officer to IETF   - Dave Sinicrope
  - Coordination between the liaison manager and officer is quite simple and thorough. ;-)
  - *Both* sides are <u>always</u> fairly represented

- Guidance Regarding Liaison Statements
  - [BCP 103](#)
  - [BBF liaison page](#)

Note: Statements (verbal or otherwise) representing BBF work, direction, agreements, the organization, etc. must be supported by reference to ***<u>a written liaison from BBF</u>*** (i.e., BBF consensus document). Those not supported may not be credible and should be brought to the attention of the Liaison Manager.

Naming and Numbering

- BBF Name and Number Authority
  - See above for most name and number assignments used by BBF
  - BBF senior technical and BoD management provide oversight for allocations
- Registries may be used for protocols
  - When an BBF document refers to an IANA registry, references should be checked prior to starting their Final Ballot (e.g., PWE3)
  - When an IETF document refers to an BBF registry, references should be checked at the start of IETF Last Call (e.g, USP)

Current work of potential mutual interest

- IP Capacity Metrics and Measurement (IPPM WG)
- Quality Attenuation measurement (aka Quality Experience Delivered QED) (IPPM WG)
- Work on "Common YANG" data modeling for topics related to broadband access (NETMOD, OPS Area)
- Work on leveraging STAMP for use in broadband access networks and services (IPPM WG)
- Work on Disaggregated Broadband Network Gateway (DBNG) and protocol implications (e.g., PFCP vs S-CUSP) (RTG Area)
- MP-TCP leveraged for Hybrid Access (MP-TCP WG)

Summary

- Currently BBF and IETF have an excellent working relationship
  - Informal communications between the leaders and mutual participants – they know each other
- Coordination via email, face to face meetings
- Coordination conference calls when needed
- Liaison Manager/Officer and participants identify potential areas of concern well before they become serious problems
- Once identified, leadership engagement has resolved any problems quickly, with rare exceptions
- Watch for / ensure BBF work in progress received via liaisons
- Watch for claims about BBF work and interests not supported by reference to a written liaison.

BBF References and Resources

- BBF Work in Progress
  Note: BBF is a membership organization. Access to work in progress beyond the listing takes a membership login.
- BBF Liaison page
- BBF Org structure
- BBF Membership Info
- BBF Name and Number Authority