

draft-ietf-bier-mld

**BIER Ingress Multicast Flow
Overlay using Multicast Listener
Discovery Protocols**

Pierre Pfister, pierre.pfister@darou.fr

IJsbrand Wijnands, ice@cisco.com

Markus Stenberg, markus.stenberg@iki.fi

Stig Venaas, stig@cisco.com

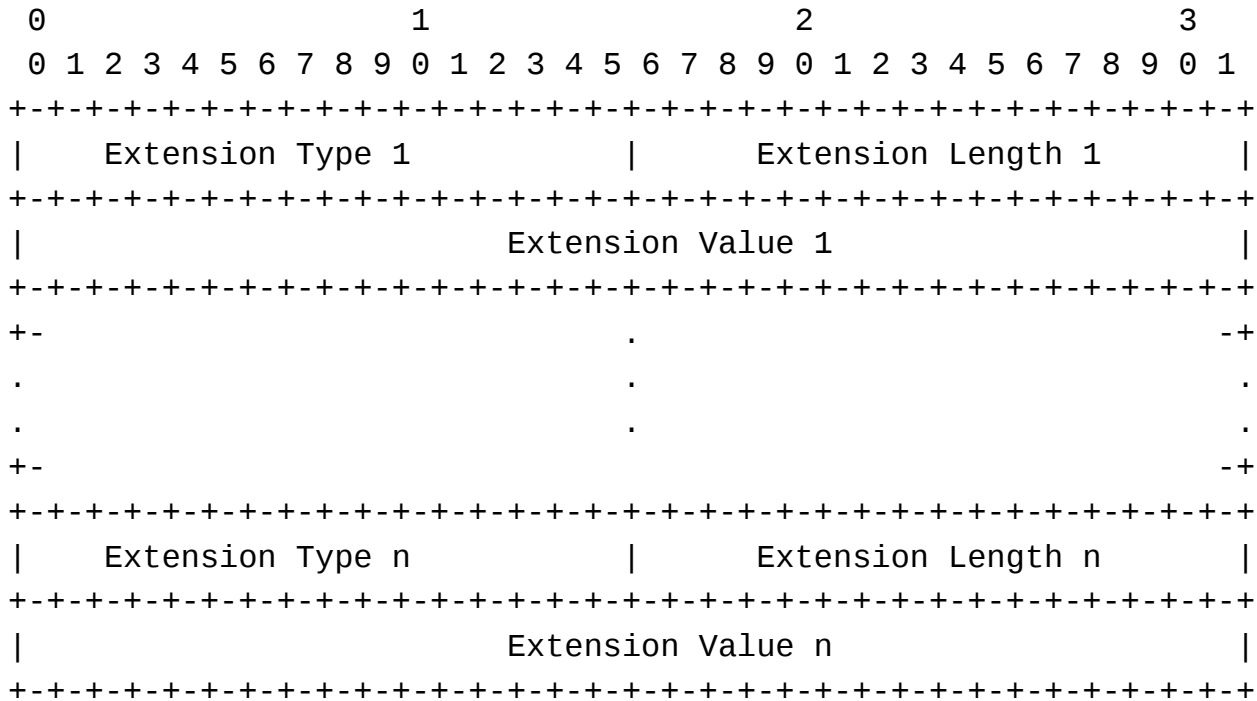
Cui (Linda) Wang, lindawangjoy@gmail.com

Zheng (Sandy) Zhang, zhang.zheng@zte.com.cn

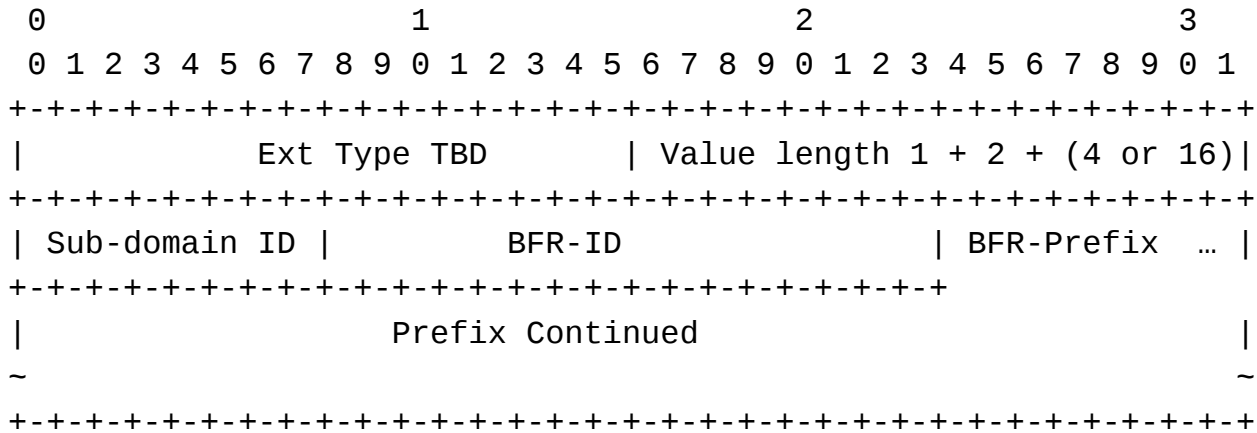
BIER MLD/IGMP Sender Info

- Currently the source address is assumed to be the BIER prefix so that one can derive the BFR-ID of the sender, and using configuration and potentially the destination address to determine the sub-domain.
- This info can be derived from the BIER header, but the L3 code may not have access to the BIER header.
- Latest revision uses an IGMP-MLD extension to include Sender info
 - Similar to the pim overlay using a join attribute with Sender Info
 - Only for use with this overlay (MLD/IGMP with BIER encapsulation)
- The generic IGMP-MLD extension mechanism is defined in draft-ietf-pim-igmp-ml-d-extension
 - Passed pim WGLC and publication has been requested

Generic IGMP-MLD extension defined by pim wg (2/2)



BIER IGMP-MLD extension



Note that the BFR-prefix is not aligned here, the total value length is 7 or 19

Next steps?

Ready for WG last call?