BIER Meeting IETF 99
Minute taker: Pierre Pfister

Note Well:

Agenda:

BIER PIM Stitching (draft-hfa-bier-pim-tunneling by Hooman Bidgoli):
<Slide: Multicast state example>

Greg Shepherd - Where is the edge of the BIER domain?
Bigdoli Hooman / Andrew Dolganov - P routers only.

Tony - Expect new draft version from the authors to clean-up/clarify issues
discussed like non-dependency on MVPN, BiStrting length, SSM-only, making
clear what's informational vs normative, terminology, etc.

Hooman/Andrew – yes new version accounting for WG members feedback on the
list and during the meeting will be published.

<End of presentation>

draft-zhang-bier-babel-extensions-01 by Sandy Zhang:

Greg Shepherd (to Sandy Zhang): Can you tell us what was the babel WG
feedback was ?

Greg Shepherd (to Juliusz Chroboczek): Did you read the draft ?

Juliusz Chroboczek: I have read the draft.

Greg Shepherd: How does it work in networks with non BIER babel routers ?

Sandy Zhang: It is working, there is implementation.

Juliusz Chroboczek: babel WG is looking at this draft with interest. But for now the
babel WG is focusing on the core elements of babel. This
 document will therefore not be adopted by the babel WG before the babel core
specifications are published.

Greg Shepherd: BIER is pretty well cooked in this doc. But we would like babel to

have a better look. This document could live in the babel WG.

Toerless Eckert: Did homenet went to mbone to ask for input ?

Pierre Pfister: I went to mbone and pim WGs to present homenet and multicast. They did not care.

Alia Atlas: Babel is the place for this document to be done. Because BIER depends on advertising things. Babel experts will have to look at it.
 The homenet architecture document only talks about PIM, but BIER applicability could be evaluated.

Tim Chown: Babel is the homenet routing protocol. There was some discussion about homenet in the BIER WG at some point.

Alia: Please have inter-WG discussions on mailing lists. IETF process also involves other WGs when documents are reviewed.

draft-zhangwu-bier-nvo3-analysis-00 by Sandy Zhang:

Tony Przygienda: Does multi-homing work ? If there are multiple join ? How to not get replicates ?

Sandy Zhang: BMLD does that. Leaf knows about group membership.

Tony Przygienda: We are short in time. Continue the dicussion on the mailing list.

Toerless Eckert: We should present to NVO3. They don't need to understand BIER, but they would know the service that they would get using BIER.

Sandy Zhang: Want to clarify that the draft is under discussion with people I know which are working on data-centers.

Alia Atlas: There is an NVO3mcast in the publication queue. It went to PIM and mbone for review. Please review that document in BIER as well.

BIER-TE/BIER-TE-FRR by Toerless Eckert:

Greg Shepherd (chair-hat-on): When this first came out. There were concerns.

Toerless Eckert: They are addressed. But we didn't renew the call for adoption.

Greg Shepherd: Is this work that we should do ?

Yes: Many hands up
No: No hands up

Alia Atlas: If this has hardware impact, do we need to hold off the architecture document ? Should we delay the implementation finalization ?

Greg Shepherd: I think the BIER FIB doesn't change.

Toerless Eckert: It is up to the vendors to decide whether they want to do it or not.

Greg Shepherd: If this changes the architecture, it should be added to the architecture document.

Alia Atlas: It is concerning though.

Andrew Dolganow: Do not delay.

Greg Shepherd: I agree

Toerless Eckert: I don't want to hold either. Implementers should check this !

draft-zzhang-bier-evpn-00 by Jeffrey Zhang:

Greg Shepherd: Who read the draft ? --> 6 to 8 hands up

Status Update from Chair:

Greg Shepherd: Operation considerations. There will be an operational doc out of the group.

Greg Shepherd: Call for document shepherds for WGLC docs.

Alia Atlas: Sheparding doc requires reading the document. It is cool to discover IETF process. It is helpful to show interest.

Ethertype for BIER:

Alia Atlas: We need encap draft. Tony said there is a draft about encap and header format. Since MPLS is going to be deployed soon, and there
 is no strong request for Ethernet, we can wait for IEEE and MPLS code to happen first.

Justification Draft: Greg and Andrew will begin the work.

Adjourn.