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[802.1 - 8752] Fwd: Proposed IETF BFD WG work on Ethernet LAG

Tony Jeffree <tony@jeffree.co.uk>

Tue, Mar 6, 2012 at 4:00 AM

Reply-To: tony@jeffree.co.uk

To: STDS-802-1-L@listserv.ieee.org

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Liaison from IETF re proposed IETF BFD WG - see below.

Regards,

Tony

----- Forwarded message -----

From: Stewart Bryant <stbryant@cisco.com>

Date: 6 March 2012 11:52

Subject: Proposed IETF BFD WG work on Ethernet LAG

To: tony@jeffree.co.uk

Cc: David Ward <dward@cisco.com>, Jeffrey Haas <jhaas@pfr.org>, Stewart

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cc: Jeffrey Haas, IETF BFD WG Chair, <jhaas@pfr.org> <jhaas@pfr.org>

cc: Stewart Bryant, IETF Routing Area Director,

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Purpose: For Information

Title: Proposed IETF BFD WG Work on Ethernet LAG

We would like to draw your attention to a topic that has been raised in the IETF's Bidirectional Forwarding Detection (BFD) working group.

Operators and vendors are considering how to load-balance IP over the members of an Ethernet LAG that is presented as a single IP interface. As part of this, there is a suggestion to run IP/UDP-encapsulated BFD over each of the group members and to use the Ethernet LAG identifiers as identifiers in the BFD message exchanges.

This is not currently working group work, and it falls outside the current scope of the BFD working group's charter (<http://datatracker.ietf.org/wg/bfd/charter/>). However, we anticipate that there will be discussion of the topic at the IETF's meeting in Paris during the week of 25th March 2012.

The starting point for the discussion in Paris is likely to be an Internet-Draft that can be found at <http://datatracker.ietf.org/doc/draft-mmm-bfd-on-lags>. We must emphasize that this is an Individual I-D that does not represent the consensus view of the working group and is not even a working item of the working group. Additionally, it is a first version of the draft and might need considerable additional work.

At this stage we would welcome your preliminary views on the topic, and (of course) welcome participation at the meeting in Paris or on the BFD working group's mailing list that can be accessed from the charter page (above). We are particularly interested to understand what parameters and constraints we need to set on this work within the IETF such that we can deliver the required technical functionality without overlapping the technical work that the IEEE considers its own purview.

We will send you a further liaison after the Paris meeting to keep you informed of progress and to let you know our plans.

Stewart Bryant and Adrian Farrel,
IETF Routing Area Directors

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