

IEEE 802.1 Maintenance Request

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| IEEE 802.1 REVISION REQUEST 0052 |
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DATE: August 3, 2012
NAME: Aaron Stewart, Bob Noseworthy
COMPANY/AFFILIATION: University of New Hampshire's InterOperability Lab with support from the AVnu Alliance
E-MAIL: astewart@iol.unh.edu; ren@iol.unh.edu

REQUESTED REVISION:
STANDARD: 802.1Q-2011
CLAUSE NUMBER: 35.2.1.4(c)
CLAUSE TITLE: streamAge

RATIONALE FOR REVISION:

The goal -- Stream age starts when the stream starts forwarding, not when the entry is first made to the DRE (Dynamic Reservations Entries)

35.2.1.4(c) the current language (below) (region for comparison marked by ***)

""

streamAge: A per-port per-stream 32-bit unsigned value used to represent the time, in seconds, since

a stream's destination_address was first added to the Dynamic Reservations Entries (8.8.7) for the associated port.

This value is used when determining which streams have been configured the longest. Streams with a numerically larger streamAge are considered to be configured earlier than other streams, and therefore carry a higher implicit importance.

""

The text between **** should be:

the control element for the associated outbound Port most recently became forwarding in the Dynamic Reservation Entry (8.8.7) corresponding to the stream's destination_address

PROPOSED REVISION TEXT:

35.2.1.4(c) proposed language (below)

""

streamAge: A per-stream 32-bit unsigned value used to represent the time, in seconds, since the control element for the associated port most recently became forwarding in the Dynamic Reservation Entry (8.8.7) corresponding to the stream's destination_address. This value is used when determining which streams have been configured the longest. Streams with a numerically larger streamAge are considered to be configured earlier than other streams, and therefore carry a higher implicit importance."
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IMPACT ON EXISTING NETWORKS:

By current definition, a stream age starts as soon as a declaration is received. This is unintended and results in inappropriate determination of stream importance.

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| Please attach supporting material, if any
| Submit to:- Tony Jeffree, Chair IEEE 802.1
| and copy:- Paul Congdon, Vice-Chair IEEE 802.1
| E-Mail: stds-802-1-maint-req@ieee.org
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|           +----- For official 802.1 use -----+
|           | REV REQ NUMBER: 0052
|           | DATE RECEIVED: 09/06/2012
|           | EDITORIAL/TECHNICAL
|           | ACCEPTED/DENIED
|           | BALLOT REQ'D YES/NO
|           | Status: R
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