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| IEEE 802.1 REVISION REQUEST 0108|
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DATE: 28 March 2013

NAME: Raphael Garti

COMPANY/AFFILIATION: RAD Data Communications Ltd.

E-MAIL: raphael_g@rad.com

REQUESTED REVISION:

STANDARD: 802.1Q-2012

CLAUSE NUMBER: 17.7.6, 17.2.6 (table 17-10), 13.27.25, 13.27.33

CLAUSE TITLE: Definitions for the IEEE8021-MSTP MIB module, Structure of the IEEE8021-MSTP MIB (IEEE8021-MSTP MIB structure and relationship to this standard), ExternalPortPathCost, InternalPortPathCost

RATIONALE FOR REVISION:

The SYNTAX of ieee8021MstpPortPathCost is Integer32 (1..200000000).

Other path cost writable objects can get the value 0, to denote the automatically calculated default cost value.

Table 17-10 (Clause 17.2.6) refers ieee8021MstpPortPathCost to 13.27.25, while its MIB description refers it to 13.27.33. The MIB description seems to be correct, since the table is indexed by both port and MST instance, and there is one InternalPortPathCost (17.27.33) per port for each MSTI.

17.27.25 seems to be covered by ieee8021MstpCistPortAdminPathCost.

PROPOSED REVISION TEXT:

1. Change the SYNTAX of ieee8021MstpPortPathCost to Integer32 (0..200000000).

2. Change the reference of ieee8021MstpPortPathCost in table 17-10 to 17.27.33.

IMPACT ON EXISTING NETWORKS:

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| Please attach supporting material, if any|
| Submit to:- Tony Jeffree, Chair IEEE 802.1|
| and copy:- Glenn Parsons, Vice-Chair IEEE 802.1|
| E-Mail: stds-802-1-maint-req@ieee.org|
||

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|| REV REQ NUMBER: 0108||

|| DATE RECEIVED: 25/04/2013||

|| EDITORIAL/TECHNICAL||

|| ACCEPTED/DENIED||

|| BALLOT REQ'D YES/NO||

|| Status: R||

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