IEEE P802.1Qdd Resource Allocation Protocol (RAP)

Editor’s Report for D0.1 Ballot Comment Resolution

Feng Chen
Siemens AG

IEEE 802.1 TSN Task Group, November 2019
D0.1 Summary

The P802.1Qdd/D0.1 was prepared for the 1\textsuperscript{st} Task Group ballot and includes the following major changes against D0.0.

- Several definitions added in clause 3 and in 99.1.1 (to be merged to clause 3)
- The new terms “RA class (3.x.1)” and “RAP Protection Port (3.x.2)” introduced to replace “SR class” and “RAP domain boundary port” originally used in D0.0
- Architecture (mainly component names) modified in 99.1.2
- A new subclause 99.1.5 added to describe priority regeneration on RAP Protection Port
- 99.4 “RAP parameters” and 99.5 “RAP attributes and TLV encoding” further developed

Note: Each Qdd draft includes an editor’s introduction to the current draft in the “Editor’s Foreword”.

November 11, 2019
The editor would like to thank the reviewers for their thoughtful comments and efforts towards improving the Qdd drafts.

<table>
<thead>
<tr>
<th>CATEGORY1</th>
<th>All respondents</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>TOTAL</td>
</tr>
<tr>
<td>Yes</td>
<td>4</td>
</tr>
<tr>
<td>No</td>
<td>4</td>
</tr>
<tr>
<td>Voting Yes or No</td>
<td>8</td>
</tr>
<tr>
<td>Abs. Time</td>
<td>13</td>
</tr>
<tr>
<td>Abs. Expertise</td>
<td>6</td>
</tr>
<tr>
<td>Abs. Other</td>
<td>0</td>
</tr>
<tr>
<td>Respondents</td>
<td>27</td>
</tr>
<tr>
<td>No. of commenters</td>
<td>4</td>
</tr>
<tr>
<td>No. of comments</td>
<td>52</td>
</tr>
<tr>
<td>TR</td>
<td>12</td>
</tr>
<tr>
<td>T</td>
<td>14</td>
</tr>
<tr>
<td>ER</td>
<td>24</td>
</tr>
<tr>
<td>E</td>
<td>2</td>
</tr>
</tbody>
</table>

1 As this is a Task Group ballot, voting status does not matter.
Comments Planned for Discussion

- **High Priority**
  
  With response “**Discuss**”
  - {39, 40, 42}: definitions | {43, 44, 45, 46, 47, 48}: RAP for bridging only or not | {4, 52}: max SDU size

  With response “**Proposed Reject**”
  - 6: keyword | 10: capital | 26: preemption | 28: preassigned priority | {36, 38}: ODSubtlv

- **Medium priority**
  
  - {1, 13, 50}: terms move to clause 3 | {9, 41}: protection port | {17, 18}: fig 99-1 | 3: parameters

- **Low Priority**
  
  - TR: 7: backwards | 11: RAclassSpec | 15: RAP instance | 34: VIDs | 37: ODSubtlv
  - T only: 5: TSpec | 51: stringent protection | 49: definition of RAclassSpec
  - ER: 23: appInfoTLV | 30: RAclass port table
  - E only: 2: clause organization
Comments Not Planned for Discussion

**Note**: only editorial comments with proposed “Accept” or “Accepted in Principle” are included in this category.

- **Grammar**
  - 8, 12, 24

- **Wording**
  - 14, 16, 19, 20, 21, 22, 25, 27, 32

- **Editorial error (e.g. Typos, wrong references, inconsistency, etc.)**
  - 29, 31, 33, 35
Thank You!