IEEE P802.3da 10 Mb/s Single Pair Multidrop Segments Enhancement Task Force Update Report

Chad Jones
Cisco Systems, Inc.
Teleconference
November 12, 2020
Task Force Organization

Chad Jones, IEEE P802.3da Task Force Chair
Peter Jones, IEEE P802.3da Task Force Secretary
George Zimmerman, IEEE P802.3da Task Force Co-Editor
Valerie Maguire, IEEE P802.3da Task Force Co-Editor

Task Force web and reflector information

PAR: http://www.ieee802.org/3/da/P802d3da_PAR.pdf
Approved timeline:

Private area:

Note: The draft, and any other content, is posted for your review only, and neither the content nor access information should be copied or redistributed to others in violation of document copyrights
First TF meeting on July 14, 2020
Met 7 total times since July 14
  July 14, 21; Aug 26; Sept 23; Oct 7, 21; Nov 4
The TF timeline was approved July 20
A **Work Items** list was published
Topics covered in presentations since July:

- Steps toward baseline text
- Multidrop Classification
- Mixing Segment Recovery/Redundancy Termination
- Enhanced Multidrop with Interoperability
- LLDP overview and use cases
- SPE Multidrop Enhancements Mixing Segment Considerations
- Thoughts on 802.3da Draft Contents
- SPMD Power up Procedure
- Physical Layer based Dynamic Node ID management
- 802.3da & Precision Time Protocol
- Dynamic PLCA Node ID Assignment
- Editors Report
IEEE P802.3da 10 Mb/s Single Pair Multidrop Segments Enhancement Adopted Timeline

<table>
<thead>
<tr>
<th>Year</th>
<th>Month</th>
<th>Output</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>July</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>September</td>
<td>D0.1</td>
<td></td>
</tr>
<tr>
<td></td>
<td>November</td>
<td>D0.2</td>
<td></td>
</tr>
<tr>
<td>2021</td>
<td>January</td>
<td>D0.3</td>
<td></td>
</tr>
<tr>
<td></td>
<td>March</td>
<td>D1.0</td>
<td>TF Review</td>
</tr>
<tr>
<td></td>
<td>May</td>
<td>D1.1</td>
<td></td>
</tr>
<tr>
<td></td>
<td>July</td>
<td>D1.2</td>
<td></td>
</tr>
<tr>
<td></td>
<td>September</td>
<td>D2.0</td>
<td>WG Review</td>
</tr>
<tr>
<td></td>
<td>November</td>
<td>D2.1</td>
<td></td>
</tr>
<tr>
<td>2022</td>
<td>January</td>
<td>D2.2</td>
<td></td>
</tr>
<tr>
<td></td>
<td>March</td>
<td>D2.3</td>
<td></td>
</tr>
<tr>
<td></td>
<td>May</td>
<td>D3.0</td>
<td>SA Ballot</td>
</tr>
<tr>
<td></td>
<td>July</td>
<td>D3.1</td>
<td></td>
</tr>
<tr>
<td></td>
<td>September</td>
<td>D3.2</td>
<td></td>
</tr>
<tr>
<td></td>
<td>November</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2023</td>
<td>January-March</td>
<td></td>
<td>STD</td>
</tr>
</tbody>
</table>
IEEE P802.3da 10 Mb/s Single Pair Multidrop Segments Enhancement Plans

Task Force Interims are scheduled bi-weekly through next Plenary
Meetings on the IEEE 802.3 calendar:
2020: Nov 18, Dec 2, Dec 16
2021: Jan 13, Jan 27, Feb 10, Feb 24
Questions?

Thank you!