IEEE P802.3as
Frame Expansion Task Force

Report to 802.3 CSMA/CD WG

San Diego, California
17 July 2006
Agenda

- Reflector and web
- TF objectives
- Report on activities since March
- Current timeline
- Plans for week
Reflector and Web

- List subscribers: ~95
- To subscribe to the Frame Expansion TF reflector send an email to:
  listserv@ieee.org
  with the following in the body of the message:
  subscribe stds-802-3-fe <first name> <last name>
- Frame Expansion TF web page URL:
  http://www.ieee802.org/3/as/
Objectives

1) Preserve the IEEE 802.3 MAC data service interface
2) Preserve the basic frame format
3) Maintain the maximum data field length (1500 octets)
4) Increase the maximum frame size exclusively for optional prefix and suffix fields in envelope frames
5) Redefine the Tagged frame format as an envelope frame format
6) At a minimum, support:
   a) IEEE 802.1Q Virtual Bridged LANs
   b) IEEE 802.1ad Provider Bridges
   c) IEEE 802.1AE MACSec
   d) ITU-T SG15 Ethernet transport encapsulations
7) Investigate and define the largest maximum frame size with minimal impact to existing networks and standards

Approved by IEEE 802.3 WG on 18-Nov-2004
Interim meetings

- **18 April 2006**
  - 1-day interim, Santa Clara, CA
    - Hosted by Nortel and Intel (WebEx)
  - Performed D3.0 comment resolution
  - Commissioned editor to create D3.1, 1\textsuperscript{st} re-circ

- **15 May 2006**
  - 1-day interim, Beijing, China
    - Co-located with 802.1, 802.3ar
  - Performed D3.1 comment resolution
  - Commissioned editor to create D3.2, 2\textsuperscript{nd} re-circ
802.3as Sponsor ballot results

<table>
<thead>
<tr>
<th></th>
<th>D3.0</th>
<th>D3.1</th>
<th>D3.2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sponsor ballot group</td>
<td>147</td>
<td>147</td>
<td>147</td>
</tr>
<tr>
<td>Ballots returned (&gt;75%)</td>
<td>113</td>
<td>119</td>
<td>120</td>
</tr>
<tr>
<td></td>
<td>76.9%</td>
<td>81.0%</td>
<td>81.6%</td>
</tr>
<tr>
<td>Approve (&gt;75%)</td>
<td>92</td>
<td>97</td>
<td>102</td>
</tr>
<tr>
<td></td>
<td>88.5%</td>
<td>89.8%</td>
<td>93.6%</td>
</tr>
<tr>
<td>Disapprove</td>
<td>12</td>
<td>11</td>
<td>7</td>
</tr>
<tr>
<td>Abstain (&lt;30%)</td>
<td>9</td>
<td>11</td>
<td>11</td>
</tr>
<tr>
<td></td>
<td>8.0%</td>
<td>9.2%</td>
<td>9.2%</td>
</tr>
</tbody>
</table>

Note: One disapprove voter (Ben Brown) planned to approve D3.2 but missed the D3.2 recirculation ballot deadline (confirmed via e-mail after ballot closed).
# 802.3as comment summary

<table>
<thead>
<tr>
<th></th>
<th>GR</th>
<th>G</th>
<th>TR</th>
<th>T</th>
<th>ER</th>
<th>E</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>D3.0</td>
<td>7</td>
<td>6</td>
<td>21</td>
<td>33</td>
<td>38</td>
<td>55</td>
<td>160</td>
</tr>
<tr>
<td>D3.1</td>
<td>0</td>
<td>0</td>
<td>1</td>
<td>3</td>
<td>0</td>
<td>6</td>
<td>10</td>
</tr>
<tr>
<td>D3.2</td>
<td>0</td>
<td>0</td>
<td>11</td>
<td>2</td>
<td>0</td>
<td>3</td>
<td>16</td>
</tr>
</tbody>
</table>

D3.0
66 required comments
9 awaiting signoff
10 unsatisfied

*All 9 are Ben Brown’s*

D3.1
0 required comment*
0 awaiting signoff
0 unsatisfied

*1 rogue comment*

D3.2
8 required comments*
_ awaiting signoff
_ unsatisfied

*3 are rogue comments*
Goals for the week

- Resolve comments on D3.2
- Have editor create D3.3, conduct re-circ
- Seek conditional WG/EC approval to be placed on RevCom agenda in September (if applicable)
- Respond to MEF liaison communication
  - Regarding access to 802.3as drafts
## Meeting room/days

<table>
<thead>
<tr>
<th>Day</th>
<th>Time</th>
<th>Room</th>
<th>Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tue 7/18</td>
<td>0830-1200</td>
<td>Gregory B</td>
<td>D3.2 comment resolution</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Prepare for WG closing plenary</td>
</tr>
</tbody>
</table>
Current timeline

Held CFI / ad hoc
Formed Study Group
PAR approved
Created Task Force
TF ballot
WG ballot
Sponsor ballot

We are here
Standard!

Legend
- IEEE 802 Plenary
- IEEE 802.3 Interim
- IEEE-SA Standards Board

Picked envelope frame size
Thank You