



802.3ah Scope

Ryan Hirth

802.3ah Scope

- ◆ EFM is now an approved Task Force with an approved scope.
- ◆ We must stay in the scope of 802.3ah, 802.3, and 802.
- ◆ References
 - <http://standards.ieee.org/getieee802/802.3.html>
 - http://www.ieee802.org/3/efm/public/sep01/par_1_0701.pdf

IEEE 802.3

- ◆ Standardizes Media Access and Physical Layers.
- ◆ Do not standardize products or components outside of the scope.
- ◆ Layering diagrams are very important. Know where items belong. (Don't put MAC in PHY and PHY in MAC)

Outside of 802.3ah

- ◆ DBA, SLA's, QoS, Over Subscription, ...
- ◆ Security
- ◆ IP, ATM, ...
- ◆ Provisioning
- ◆ Protection Switching
- ◆ Voice and Video traffic requirements
- ◆ ...

Minimal Augmentation

- ◆ All deviations from current 802.3 due to P2MP should be justified.
- ◆ Maintain 802.3 frame format
- ◆ No Fragmentation

Summary

- ◆ Focus on MAC and PHY layer issues
- ◆ Familiarize yourself with 802.3 standards
- ◆ Don't use the standards body to solve your product or system issues
- ◆ May gather support (i.e. security) to take issues to other standard forums (i.e. 802.10)