IEEE 1588 Discussion

Rodney Cummings

National Instruments

Staying Up to Date with 1588

- As with 802.1, access to some 1588 documents requires membership, but membership is easy to obtain by email
 - Initially Observer status (non-voting)
 - Technically, Observer status can be lost if you miss six consecutive 1588 meetings
 - Currently 12 phone and 3 face-to-face per year
- Links in this presentation require 1588 membership
- Simple instructions to join
 - https://ieee-sa.centraldesktop.com/1588public

Subcommittees

- Architecture
- High Accuracy
- Management
- Security
- Upkeep

A few topics relevant to 802.1AS...

Upkeep Item 80: Profile Isolation

- Background
 - https://ieee-sa.centraldesktop.com/1588/file/33713932
- Draft proposal
 - https://ieee-sa.centraldesktop.com/1588/file/33713942

Architecture

- Media dependent / independent layering
 - Draft proposal should look familiar
 - https://ieee-sa.centraldesktop.com/1588/file/33669072
- Alternative BMCA issues
 - https://ieee-sa.centraldesktop.com/1588/file/32537737
- Discussion:
 Vision for future relationship of IEEE 802 and 1588