Support for IEEE P802.1AS Time and Synchronization

Call for Interest

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Introduction

- **Objective of the Call for Interest:**
  - **To measure the interest in forming a Study Group to investigate Ethernet time synchronization protocol support for IEEE P802.1AS**

- **Date – Monday, March 9, 2009**
- **Place – British Ballroom – Conference Floor Fairmont Hotel Vancouver**
- **Time – 20:00 – 21:30**

Overview

The 2004 802.3 Residential Ethernet Call for Interest resulted in the formation of the IEEE 802.3 Residential Ethernet Study Group. The RESG determined that the majority of the project's work would be better accomplished in 802.1. It was understood that an eventual IEEE 802.3 standard to support this work might be necessary.

The IEEE 802.1 Audio Video Bridging Task Force is writing specifications that will allow time-synchronized low latency streaming services through 802 networks. Specifically, P802.1AS: IEEE Standard for Local and Metropolitan Area Networks - Timing and Synchronization for Time-Sensitive Applications in Bridged Local Area Network requires hardware support in IEEE 802.3.

It is time to provide this support in IEEE 802.3 to study the problem, scope the task and start the development of an IEEE 802 standards-based solution to the problem. This Call for Interest will request the formation of a Study Group to begin this work.

Links

- Links to Residential Ethernet CFI and SG work
- **http://ieee802.org/3/re_study/public/200407/cfi_0704_1.pdf**
- **http://ieee802.org/3/re_study/index.html**
- Links to 802.1 Audio Video Bridging TF
  - **http://www.ieee802.org/1/pages/avbridges.html**
- Call for Interest
  - Will be available on the Web after this evening's presentation