Is timecode-based synchronization subject to network delays and how does the timecode-based synchronization available in 10G-PCIE-8C2-2S-SYNC adapters compare to other solutions that use PTP (Precision Time Protocol)-IEEE1588 Standard?

**Model:**

10G-PCIE-8C2-2S-SYNC

**Software:**

N/A

**Operating System:**

Supports both Linux and Windows Operating Systems.

**Information:**

No, Timecode-based synchronization is not subject to network delays, and it does not require a dedicated Ethernet network for time distribution, and is easier to deploy and maintain.

Time code- based synchronization provides more accurate time information than PTP.

Without needing specialized Ethernet configurations, such as PTP capable switches, 10G-PCIE2-8C2-2S-SYNC network adapters provide ~1 microsecond timestamp accuracy compared to tens of microseconds for PTP-based approaches.

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