

Precision Time Protocol (PTP)

[Return to Glossary](#)

The **Precision Time Protocol (PTP)**, as defined in the IEEE-1588 standard, provides a method to precisely synchronize computers over a Local Area Network (LAN). **PTP** is capable of synchronizing multiple clocks to better than 100 nanoseconds on a network specifically designed for IEEE-1588. A Network Time Server with **PTP** is typically referred to as an “IEEE-1588 Grandmaster” or “PTP Grandmaster”. This paper describes basic principles of **PTP**, information on using dual Grandmasters, and the requirements of the network to achieve sub-100 nanosecond time synchronization.

Source: <https://endruntechnologies.com/pdf/PTP-1588.pdf>

From:
<https://omgwiki.org/dido/> - **DIDO Wiki**

Permanent link:
https://omgwiki.org/dido/doku.php?id=dido:public:ra:xapend:xapend.a_glossary:p:ptp&rev=1642257934



Last update: **2022/01/15 09:45**