

Synchronizing Internet Clock frequency protocol (sic) draft-alvarez-hamelin-tictoc-sic-01.txt

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Who is needing a (sec) Clock synchronization on the Internet?

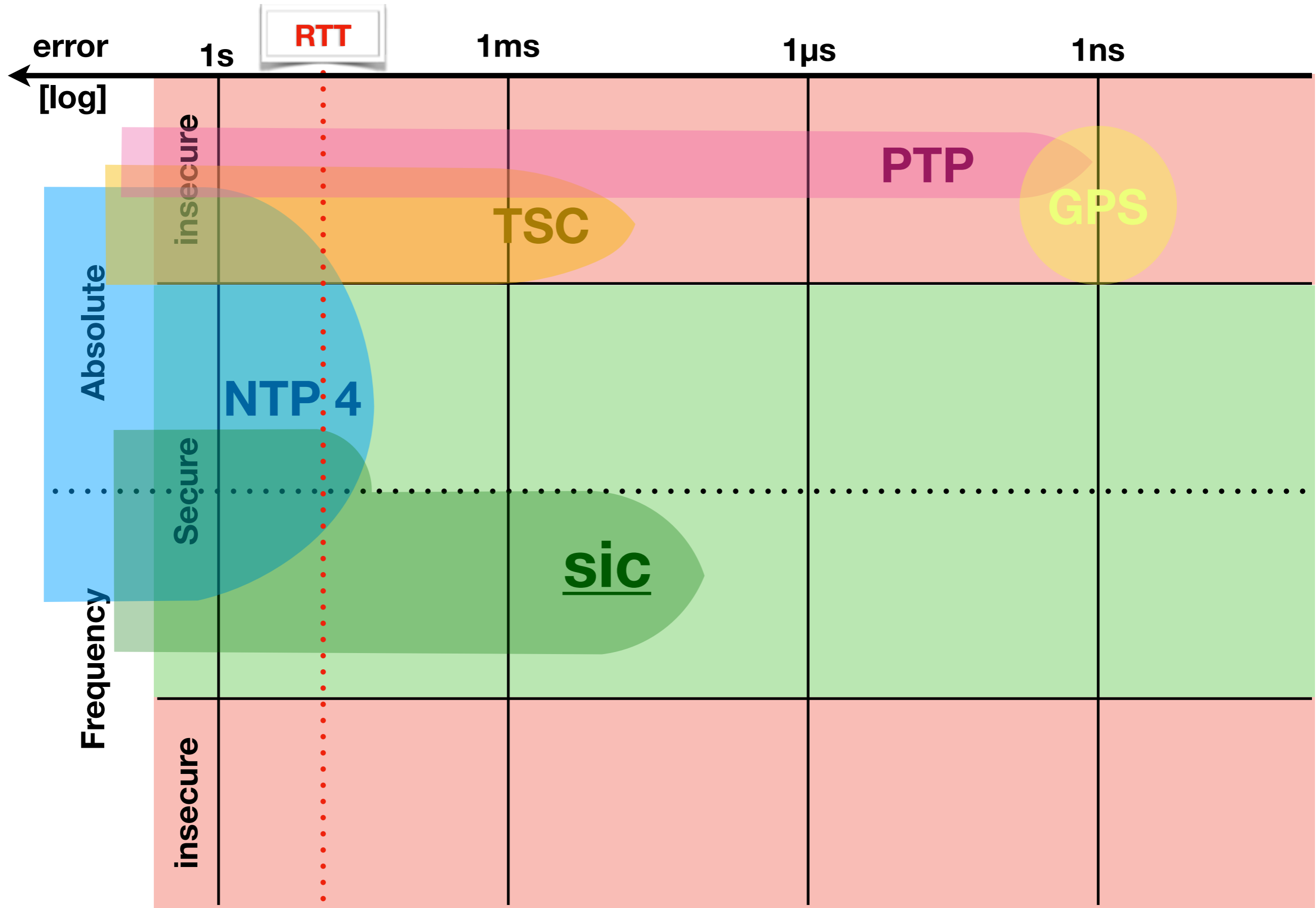
measurements

localization

cripto-coins

games

Where protocols land?



sic: synchronizing Internet clocks ***frequency protocol***

- ✱ **secure:** each packet is signed
- ✱ **20 μ s of error:** based on traffic behavior
- ✱ **frequency:** clock stability
- ✱ **client-server:** simple software distribution
- ✱ **if symmetric paths:** absolute clock synchronization
(<https://tools.ietf.org/html/draft-amf-ippm-route-01>
could be used to detect them)

clone it! <https://github.com/CoNexDat/SIC>

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sic: synchronizing Internet clocks frequency protocol

updates from 00 to 01 version

- ✱ **new author:** Ruediger Geib joint us.
- ✱ **stressed the "frequency" objective:** included in the title
- ✱ **ITU related standards:** discussion included with ITU-G.8260
- ✱ **detailed information on the security issues:** RFC7384
- ✱ **NTP development limitation:** example included in appendix