Research Notes - Time and Date in Network Management

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Standards

There are various (i.e. a lot!) standards for time and date specifications. The most relevant are listed in the table below: ISO, ITU-T, IETF, and W3C.

ISO: *Data elements and interchange formats - Information interchange - Representation of dates and times*, 2004

- Author: ISO

- Reasons to read: the standard for time specifications in a 24-hour time keeping system and dates using the Gregorian calendar

- Links: ISO, PDF, ISO-8601-2 Draft, PDF, Matchematics of ISO Calendar   skb: yaml src, Biblatex

ITU: *Standard-frequency and time-signal emissions*, 2002

- Author: ITU

- Reasons to read: standard for Coordinated Universal Time (UTC), normative for all ITU recommendations

- Links: ITU   skb: yaml src, Biblatex

ITU: *Standard-frequency and time-signal emissions*, 2013

- Author: ITU

- Reasons to read: standard termonology for time in ITU recommendations

- Links: ITU   skb: yaml src, Biblatex

G. Klyne et al.: *Date and Time on the Internet: Timestamps*, 2002

- Authors: G. Klyne, C. Newman

- Reasons to read: standard for date and time in the internet, as a restricted form (profile) of ISO 8601

- Published: IETF Standard, July 2002

- Links: IETF   skb: yaml src, Biblatex

P. Resnick: *Internet Message Format*, 2008

- Author: P. Resnick

- Reasons to read: standard for time in internet messages, i.e. email

- Published: IETF Standard, October 2008

- Links: IETF   skb: yaml src, Biblatex

Time Frameworks, Calculus

James F. Allen: *Maintaining Knowledge about temporal Intervals*, 1983

- Author: James F. Allen
- Reasons to read: Allen Intervals for temporal calculations (temporal algebra)
- Published: Communications of the ACM CACM, Volume 26 Issue 11, Nov. 1983, Pages 832-843
- Links: DOI, PDF   skb: yaml src, Biblatex

Online Resources

Steffen Thorsen: *Time and Date*, 1995

- Author: Steffen Thorsen
- Reasons to read: the ultimate website for time and date information, tools, and news
- Links: Online   skb: yaml src, Biblatex

Gilbert Healton: *The Best of Dates, The Worst Of Dates*, 2002

- Author: Gilbert Healton
- Reasons to read: history, standards, programming help for time and date
- Links: Online   skb: yaml src, Biblatex

Claus Tøndering: *The Calendar FAQ*, 1996

- Author: Claus Tøndering
- Reasons to read: everything about calendars
- Links: Online   skb: yaml src, Biblatex