NTPv4 Protocol Draft
draft-ietf-ntp-ntpv4-proto-02

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• New revision at:
  http://www.innovationslab.net/~brian/drafts/draft-ietf-ntp-ntpv4-proto-02.txt

• Numerous changes since -01
  – Removal of unnecessary and inappropriate text
  – Addition of clarifying material
NTPv4 Protocol Specification – Updates

- Removal of ‘NTP Security’ section text
  - Removal of AutoKey material
  - Optional authentication field now a placeholder for TBD method
- Additional text on symmetric peer operations
- Removal of implementation-specific text
  - Removal of ‘Other Considerations’ section
    - Portions pulled into appropriate field description sections
- Updated figure showing different timestamp formats
- Additional discussion of protocol operation and relationship to NTP algorithms and NTP state variables
- Correction of field range values
- Updated references (RFC 4330 published)
- Incorporation of comments from D. Mills
NTPv4 Protocol Specification – To Do

• Document NTPv4 Extensions
  – Definition of extension fields
  – Description of already-defined extensions

• Determine what elements should be IANA managed
  – Reference IDs?
  – Kiss codes?
  – Other?

• Guidance on poll interval
  – Currently: minimum of (TBD) seconds
NTPv4 Protocol Specification – To Do (continued)

• Identify way forward for optional authentication field and coupling with extension fields
  – Authentication field mandatory when extensions are present

• Copyedit for overall cohesion
NTPv4 Protocol Specification – Way Forward

• Goal is to move this document to WG Last Call in near future

• Review and feedback/input by WG members is critical
  – Thus far, comments from two individuals
  – Please review and comment!