NTP BCP Progress

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NTP BCP Progress

• Thanks to Dieter Sibold and Harlan Stenn for agreeing to be co-authors.

• Harlan and Dieter have contributed several important submissions on Configuration and Security.

• We have also added a section on Leap Seconds and Leap Smearing.

• Many sections are written from the author’s perspective and could benefit from a wider review.
NTP BCP – Items In Progress

• External Security Means
  • It was suggested at one point, but no submission has been made yet.

• Starting, Cold-Starting, and Re-Starting NTP
  • Current text only suggests using –g flag. I suspect we can shore this up more
  • I think we should discuss this in a security context:
    • How can we prevent NTP clients from being rebooted maliciously?
    • When clients are restarted, are they more susceptible to having their time changed?

• Load Balancing
  • Mentioned several times, no submissions yet.
NTP BCP – Items In Progress

• NTP Deployment Examples
  • Client-Only and Server-Only are already documented on ntp.org and several other places.
  • Are there other deployment examples besides these and Anycast?

• Other Miscellaneous Points
  • Which Leap Seconds file should we use? IETF has one here: [https://www.ietf.org/timezones/data/leap-seconds.list](https://www.ietf.org/timezones/data/leap-seconds.list)
  • Security Considerations: What to write that’s not already covered in NTS?
  • Again, more general review is needed (NTP Pool info?)
How can you help!

If you have a submission, change, or comment, (or even just want to tell me you’ve read it), you can:

• E-mail me directly with changes (denis.reilly@spectracom.orolia.com)
• Post to the ntpwg mailing list.
• Fork the git repo at https://github.com/denisreilly/ntp-bcp and send me pull requests.

Thank you!