

NTS

Security for NTP

IETF 106
Nov. 16-17, 2019
Singapore



Hackathon Plan

- Time is important
- NTP (RFC5905) is **the** protocol for time over internet
- NTP does have some security
 - Symmetric pre-shared keys
 - Does not scale
- NTS adds scaling
 - and confidentiality and unlikability

What got done

- Not a lot today
 - Lots of progress at earlier hackathons
- Working on scripts to monitor NTP servers
 - This is for the IT operations at Netnod to manage our servers, might be interesting to others
- Working on a HOWTO on how to use NTPsec as a client with public NTS servers
 - Ostfalia, Cloudflare, Netnod (chrony), NTPsec
- NTS draft was submitted for publication on November 7

Wrap Up

Team members:

Christer Weinigel

Dieter Sibold

First timers @ IETF/Hackathon:

Christer will be at the Hackdemo Happy Hour on monday if anyone wants to know more about NTS.

NTS draft:

<https://tools.ietf.org/html/draft-ietf-ntp-using-nts-for-ntp-20>