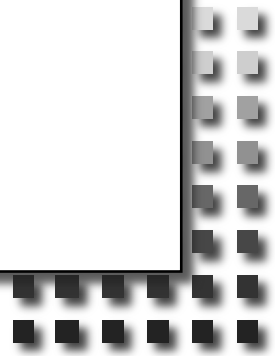




# **NTP Meeting IETF 104 - Prague**

**25 March 2019**

**Karen O'Donoghue  
Dieter Sibold**





# Note Well

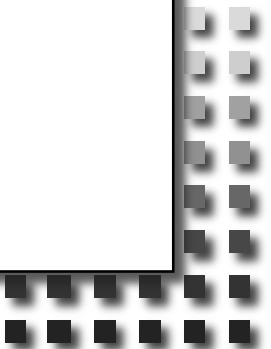
This is a reminder of IETF policies in effect on various topics such as patents or code of conduct. It is only meant to point you in the right direction. Exceptions may apply. The IETF's patent policy and the definition of an IETF "contribution" and "participation" are set forth in BCP 79; please read it carefully.

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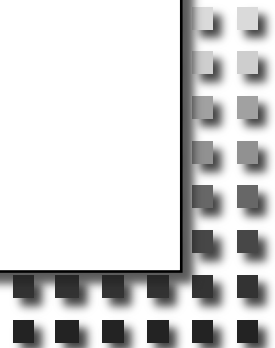
Definitive information is in the documents listed below and other IETF BCPs. For advice, please talk to WG chairs or ADs:

- BCP 9 (Internet Standards Process)
- BCP 25 (Working Group processes)
- BCP 25 (Anti-Harassment Procedures)
- BCP 54 (Code of Conduct)
- BCP 78 (Copyright)
- BCP 79 (Patents, Participation)
- <https://www.ietf.org/privacy-policy/> (Privacy Policy)



# Agenda

1. Administrative and Agenda Bashing
2. TICTOC WG status
3. NTP WG status
4. Hackathon Report -- NTS Implementations and Interoperability Testing
5. Roughtime  
<https://datatracker.ietf.org/doc/draft-roughtime-aanchal/>
6. A Secure Selection and Filtering Mechanism for the NTPv4  
<https://datatracker.ietf.org/doc/html/draft-schiff-ntp-chronos>
7. A YANG Data Model for NTP  
<https://datatracker.ietf.org/doc/html/draft-ietf-ntp-yang-data-model>





# TICTOC WG Status

## **YANG Data Model for IEEE 1588-2008**

In RFC Editor Queue (!!!)

TICTOC WG status

## **IEEE 1588 Enterprise Profile**





# NTP WG Status

## **Network Time Protocol Best Current Practices**

IESG Evaluation

## **Control Messages Protocol for Use with NTPv4**

Ready for Submission

## **Guidelines for Defining Packet Timestamps**

Ready for Submission

## **NTS for NTP**

One minor clarification based on Hackathon experience



# NTP WG

**NTP Data Minimization**

**NTP Interleaved Modes**

**On Implementing Time**

**Network Time Protocol REFID Updates**

**Additional Extension Field Proposals**