

# NETCONF WG

IETF 118 Meeting

Tuesday, November 7, 2023

09:30 – 11:30 (CET)

08:30 – 10:30 (UTC)

Mahesh Jethanandani & Kent Watsen (co-chairs)

Per Andersson (Secretary)

# 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.

As a reminder:

- By participating in the IETF, you agree to follow IETF processes and policies.
- If you are aware that any IETF contribution is covered by patents or patent applications that are owned or controlled by you or your sponsor, you must disclose that fact, or not participate in the discussion.
- As a participant in or attendee to any IETF activity you acknowledge that written, audio, video, and photographic records of meetings may be made public.
- Personal information that you provide to IETF will be handled in accordance with the IETF Privacy Statement.
- As a participant or attendee, you agree to work respectfully with other participants; please contact the ombudsteam (<https://www.ietf.org/contact/ombudsteam/>) if you have questions or concerns about this.

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)

Also see: <http://www.ietf.org/about/note-well.html>

# Code of Conduct

## IETF Guidelines for Conduct

- IETF relies on the cooperation between participants of diverse background
- It strives for mutual respect, dignity for all, and common-sense decency
- Chairs will intervene if necessary to enforce these guidelines
  
- <https://datatracker.ietf.org/doc/html/rfc7154>
  
- <https://www.ietf.org/about/administration/policies-procedures/code-of-conduct/>



# Administrative

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- Meetecho
  - New interface
  - Remote: <https://meetings.conf.meetecho.com/ietf117/?group=netconf>
  - Onsite: <https://meetings.conf.meetecho.com/onsite118/?group=netconf>
  - Audio Only: <https://mp3.conf.meetecho.com/ietf118/netconf/1.m3u>
  - You should be logged into Meetecho, whether in-person (lite version, phone icon) or remote (full version, house icon)
  - Watch the chat window for comments (can be made a separate window)
  - Zulip link - <https://zulip.ietf.org/#narrow/stream/netconf>
- Timing
  - 2 hour slot
  - Countdown timer at the bottom of the screen
- Queue
  - Queue will be managed by Meetecho, whether in-room or remote
  - To queue, use the the hand symbol
  - To speak, use the microphone symbol
  - Remember to remove yourself from the queue!
- Notes
  - Please contribute to minute taking
  - <https://notes.ietf.org/notes-ietf-118-netconf>

# Status of chartered WG items

Draft	Status
HTTPS Notif draft	IANA Considerations Remaining COMMENTS and DISCUSSES
The “*-client-server” suite of drafts	Working through AD reviews Expect three drafts to be cleared for IESG review Broadband Forum Liaison Statement
TLS 1.3 draft	Submitted for IESG review
UDP Notif draft	Work in progress. Being discussed in this meeting
Distributed notif draft	Work in progress. Being discussed in this meeting
Transaction-id draft	Work in progress. Being discussed in this meeting.
List pagination draft	Work in progress. Being discussed in this meeting.
Private candidate	Adopted as WG item. Being discussed in this meeting

# Status of chartered WG items (cont.)

Draft	Status
Versioning in YANG notification	Work in progress. Being discussed in this meeting

# Agenda

## Chartered items:

NETCONF Private Candidates (10 min)

<https://datatracker.ietf.org/doc/html/draft-ietf-netconf-privcand-01>

Discussion Leader: Robert Wills

Transaction ID Mechanisms for NETCONF (10 min)

<https://datatracker.ietf.org/doc/html/draft-ietf-netconf-transaction-id-02>

Discussion Leader: Jan Lindblad

List Pagination for YANG-driven Protocols (10 min)

<https://datatracker.ietf.org/doc/html/draft-ietf-netconf-list-pagination-01>

Discussion Leader: Per Andersson

# Agenda

## Chartered items (cont):

UDP-based Transport for Configured Subscriptions (10 min)

<https://datatracker.ietf.org/doc/html/draft-ietf-netconf-udp-notif-11>

Discussion Leader: Alex Huang Feng

Subscription to Distributed Notifications (5 min)

<https://datatracker.ietf.org/doc/html/draft-ietf-netconf-distributed-notif-08>

Discussion Leader: Thomas Graf

Support of Versioning in YANG Notifications Subscription (5 min)

<https://datatracker.ietf.org/doc/html/draft-ietf-netconf-yang-notifications-versioning-02>

Discussion Leader: Thomas Graf



# Agenda

## Non-Chartered items:

Support of Hostname and Sequencing in YANG Notifications (5 min)

<https://datatracker.ietf.org/doc/html/draft-tgraf-netconf-notif-sequencing-02>

Discussion Leader: Thomas Graf

YANG model for NETCONF Event Notifications (10 min)

<https://datatracker.ietf.org/doc/html/draft-ahuang-netconf-notif-yang-03>

Discussion Leader: Alex Huang Feng

YANG Grouping for UDP Clients and UDP Servers (10 min)

<https://datatracker.ietf.org/doc/html/draft-ahuang-netconf-udp-client-server-00>

Discussion Leader: Alex Huang Feng

# Agenda

## Non-Chartered items (cont):

YANG push Integration into Apache Kafka (10 min)

[https://github.com/network-analytics/draft-daisy-kafka-yang-integration/blob/main/INF690\\_presentation.pdf](https://github.com/network-analytics/draft-daisy-kafka-yang-integration/blob/main/INF690_presentation.pdf)

[https://github.com/network-analytics/draft-daisy-kafka-yang-integration/blob/main/Zhuoyao\\_final\\_thesis.pdf](https://github.com/network-analytics/draft-daisy-kafka-yang-integration/blob/main/Zhuoyao_final_thesis.pdf)

Discussion Leader: Zhuoyao Lin

Mapping YANG Data to Label-Set Time Series (5 min)

<https://datatracker.ietf.org/doc/html/draft-kl-l-yang-label-tsdb-00>

Discussion Leader: Jan Lindblad (on behalf of Kristian Larsson)

Philatelist, YANG-based collection and aggregation framework  
integrating Telemetry data and Time Series Databases (5 min)

<https://datatracker.ietf.org/doc/draft-lindblad-tlm-philatelist-00>

Discussion Leader: Jan Lindblad