

# NETCONF WG

IETF 102, Montreal

MONDAY, July 16, 2018

13:30-15:30 Afternoon Session I

Mahesh Jethanandani

Kent Watsen

# 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)

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

# Administrative

- Audio/Meetecho Streaming/Recording
  - Please speak only using the microphones
  - Please state your name before speaking
- Bluesheets,
- Jabber scribes
  - Jabber: xmpp:netconf@jabber.ietf.org?join
- Minute takers & Etherpad
  - <http://etherpad.tools.ietf.org/p/notes-ietf-102-netconf>



# Status of chartered WG items (since London)

- Zerotouch
  - Waiting on Shephard writeup
- NETCONF/RESTCONF client/server suite of drafts (restconf-client-server, netconf-client-server, ssh-client-server, tls-client-server, crypto-types, keystore, trust-anchors)
  - Work in progress
- YANG Push suite of drafts (yang-push, subscribed-notifications, event-notifications, restconf-notif)
  - Work in progress
- NMDA suite of drafts (7895bis, nmda-netconf, nmda-restconf)
  - Submitted to IESG for publication.
- UDP Pub Channel
  - Work in progress

# Agenda

## Chartered items:

Eric Voit and Alex Clemm (15 min)

Update on YANG Push and Related Drafts

<https://tools.ietf.org/html/draft-ietf-netconf-yang-push-17>

<https://tools.ietf.org/html/draft-ietf-netconf-subscribed-notifications-14>

<https://tools.ietf.org/html/draft-ietf-netconf-netconf-event-notifications-10>

<https://tools.ietf.org/html/draft-ietf-netconf-restconf-notif-06>

<https://tools.ietf.org/html/draft-ietf-netconf-notification-messages-03>

# Agenda (cont.)

## Chartered items:

Kent Watsen (15 min)

Status and Issues on Client-Server Drafts

<https://tools.ietf.org/html/draft-ietf-netconf-crypto-types-00>

<https://tools.ietf.org/html/draft-ietf-netconf-trust-anchors-00>

<https://tools.ietf.org/html/draft-ietf-netconf-keystore-05>

<https://tools.ietf.org/html/draft-ietf-netconf-ssh-client-server-06>

<https://tools.ietf.org/html/draft-ietf-netconf-tls-client-server-06>

<https://tools.ietf.org/html/draft-ietf-netconf-netconf-client-server-06>

<https://tools.ietf.org/html/draft-ietf-netconf-restconf-client-server-06>

# Agenda (cont.)

## **Chartered items:**

Guangying Zheng (10 min)

UDP based Publication Channel for Streaming Telemetry

<https://tools.ietf.org/html/draft-ietf-netconf-udp-pub-channel-03>

# Agenda (cont.)

## Non-Chartered items:

Guangying Zheng (10 min)

Subscription to Multiple Stream Originators

<https://tools.ietf.org/html/draft-zhou-netconf-multi-stream-originators-02>

Mahesh Jethanandani (10 min)

Binary Encoding for NETCONF

<https://tools.ietf.org/html/draft-mahesh-netconf-binary-encoding-01>

Balasz Lengyel (10 min)

YANG Push Notification Capabilities

<https://tools.ietf.org/html/draft-lengyel-netconf-notification-capabilities-02>



# Agenda (cont.)

## Non-Chartered items:

Qin Wu (20 min)

Base Notifications for NMDA

<https://tools.ietf.org/html/draft-wu-netconf-base-notification-nmda-01>

Factory default Setting Capability for RESTCONF

<https://tools.ietf.org/html/draft-wu-netconf-restconf-factory-restore-00>

Inline Action Capability for NETCONF

<https://tools.ietf.org/html/draft-zheng-netconf-inline-action-capability-01>

Ladislav Lhotka (15 min): RESTCONF with Transactions

<https://tools.ietf.org/html/draft-lhotka-netconf-restconf-transactions-00>