UDP-based Transport for Configured Subscriptions
draft-ietf-netconf-udp-notif-19/20

UDP-based protocol for YANG notifications
to collect YANG data from networking devices

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March 18th 2025

UDP-based Transport for Configured Subscriptions
Status

- WGLC ended February 13th (successfully?)

- Thanks Med, Andy, Giuseppe, Weiqiang, James, Dan, Camilo, Qiufang, Benoit, Ahmed, Yannick, Yufeng, Nils, Rob and Mahesh for the support and the (*very detailed*) reviews

- Triggered lively discussions improving the I-D

UDP-based Transport for Configured Subscriptions
Changes

- Changes (from discussions on the ML)
  - Private encoding options has been removed
  - The order of the options is not mandated anymore; segmentation option MUST be first
  - DTLS 1.2 or later MUST be supported, DTLS 1.3 SHOULD be supported
  - Segmentation is mandatory for large messages

- Editorial changes
  - Added adherence to NMDA
  - New Terminology section
  - Text explaining how to reassemble a UDP-Notif message
  - Discussion on DTLS Fragmentation with UDP-Notif Segmentation
  - Updated References
  - Security Considerations updated

UDP-based Transport for Configured Subscriptions
What's next?

- The draft is ready for IESG reviews

Subscription to **Distributed Notifications**
draft-ietf-netconf-distributed-notif-11

Extends YANG notification subscription to allow metrics being published directly from processors on line cards

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Subscription to Distributed Notifications
Status

- WGLC ended February 21st (successfully)

- Thanks Leonardo, Yannick, Nils, Qin, Paolo, Dan, Holger, Camilo, Weiqiang and Alex for the support and the reviews

- Changes:
    - Only editorial changes has been applied

- Next steps
    - Ready for IESG reviews