

UDP-based Transport for Configured Subscriptions

draft-ietf-netconf-udp-notif-15/16

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

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UDP-based Transport for Configured Subscriptions

Changes in -15/-16 and next steps

- Thanks Qiufang and Joe Touch for the review
- Editorial changes
 - Fixed YANG identity “udp-notif” with “base sn:configurable-encoding”
 - Enable segmentation by default on the YANG module
 - Harmonized to term high frequency and removed “velocity” [feedback Joe Touch (tsvart)]

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“Open discussions”

- **Default port** for UDP-Notif
 - Med, Christian Hopps, Thomas and Paolo (contributors) raised a default port is not required
 - Contacted Joe Touch (TSVART) for help
 - He raised “the reporting happens AFTER subscriptions indicate an IP address and port number”
 - UDP-Notif is configured on both ends (publisher and receiver) [RFC7601]
- UDP-Notif **capabilities**
 - Support the advertisement of supporting UDP-notif as transport for Configured Subscriptions
 - Authors believe implementing them in a separate document addresses the problem holistically for transport, encoding and security for both transport protocols
 - draft-netana-netconf-yp-transport-capabilities (presented afterwards)

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What's next?

- No remaining issues
- The draft has remained stable over the last meetings
- The authors believe is ready for a **WG Last Call**

Subscription to **Distributed Notifications**

draft-ietf-netconf-distributed-notif-10

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

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Subscription to Distributed Notifications

Changes and Next steps

Changes in -10

- No changes

Next Steps

➤ **Requesting working group last call.**