

# 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
  - removed “velocity” term as requested from Joe Touch

# UDP-based Transport for Configured Subscriptions

“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”
    - “As per RFC7605, this means that an assigned port is not needed, as the collector can run on a dynamic port selected at runtime and reported during the subscription step”
- UDP-Notif **capabilities**
  - Support the advertisement of supporting UDP-notif as transport for Configured Subscriptions
  - Authors believe implementing them in a separate draft is the best approach
    - draft-netana-netconf-yp-transport-capabilities (presented afterwards)

# UDP-based Transport for Configured Subscriptions

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.**