

UDP-based Transport for Configured Subscriptions

draft-ietf-netconf-udp-notif-11

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

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26. October 2023

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Status and Next Steps

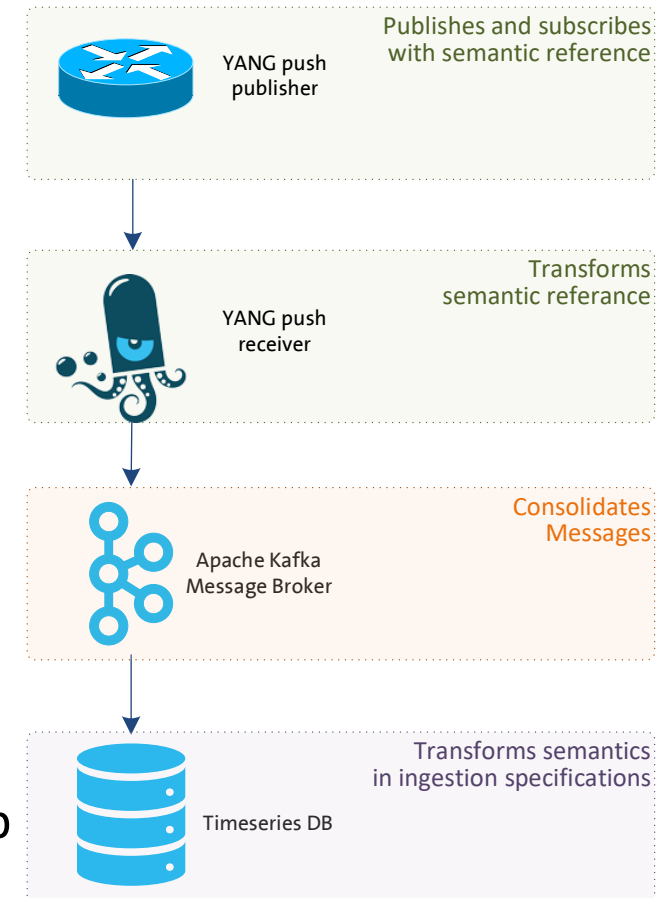
- **Updates introduced in -11**

- Clarified version number and message length definition.
- Message Publisher ID terminology aligned with latest update in terminology section of draft-ietf-netconf-distributed-notif-08.
- Addressed UDP transport potential loss concerns in main applicability section.

-> **Requesting feedback from the working group and suggest that the netconf chairs reach out to the Transport Area Directorate (<https://datatracker.ietf.org/group/tsvdir/email/>) next and request an early review** before the document is moving forward to working group last call.

- **Open points to be addressed next**

- Externalize generic YANG module for UDP clients. draft-ahuang-netconf-udp-client-server has been published.



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Current ML discussions

- Current generic “ietf-udp-client” grouping
 - “ietf-udp-server” grouping?
 - Separate “dtls” container into another grouping?

```
module: ietf-udp-client

grouping udp-client-grouping:
  +-- remote-address      inet:ip-address-no-zone
  +-- remote-port         inet:port-number
  +-- dtls! {dtls13}?
  +-- client-identity!
  |   +-- (auth-type)
  |   |   +--:(certificate) {client-ident-x509-cert}?
  |   |   |   +-- certificate
  |   |   |   ...
  |   |   +--:(raw-public-key) {client-ident-raw-public-key}?
  |   |   |   +-- raw-private-key
  |   |   |   ...
  |   |   +--:(tls12-psk)
  |   |   |   {client-ident-tls12-psk,not tlsc:client-ident-tls1}
  |   |   |   +-- tls12-psk
  |   |   |   ...
  |   |   +--:(tls13-epsk) {client-ident-tls13-epsk}?
  |   |   |   +-- tls13-epsk
  |   |   |   ...
  |   +-- server-authentication
  |   |   +-- ca-certs! {server-auth-x509-cert}?
  |   |   |   +-- (local-or-truststore)
  |   |   |   |   +--:(local) {local-definitions-supported}?
  |   |   |   |   |   ...
  |   |   |   |   +--:(truststore)
  |   |   |   |   |   {central-truststore-supported,certificates}?
  |   |   |   |   |   ...
  |   |   +-- ee-certs! {server-auth-x509-cert}?
  |   |   |   +-- (local-or-truststore)
  |   |   |   |   +--:(local) {local-definitions-supported}?
  |   |   |   |   |   ...
  |   |   |   |   +--:(truststore)
  |   |   |   |   |   {central-truststore-supported,certificates}?
  |   |   |   |   |   ...
```

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26. October 2023