YANG Grouping for UDP Clients and UDP Servers

draft-ahuang-netconf-udp-client-server-00

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Context

● Based on UDP-notif draft feedback
  ○ Interest on having a dedicated draft for generic groupings

● Definition of Generic Groupings for UDP clients and servers
  ○ UDP client
  ○ UDP DTLS client
  ○ UDP server
  ○ UDP DTLS server

● To be used standalone or in combination with other protocol stacks
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UDP client and UDP DTLS client

Observations:

- IP-address defined as \texttt{ip-address-no-zone} (feedback on UDP-notif)
- DTLS container based on “ietf-tls-client” generic grouping
- DTLS container supports DTLS 1.3 (DTLS 1.2 is removed)
- “feature dtls13” is defined within this YANG module
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UDP server and UDP DTLS server

module: ietf-udp-server

grouping udp-server-grouping:
  +- local-address inet:ip-address-no-zone
  +- local-port inet:port-number

Observations:

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- DTLS container based on “ietf-tls-server” generic grouping
- DTLS container supports DTLS 1.3 (DTLS 1.2 is removed)
- “feature dtls13” is defined within this YANG module
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Next steps

- Request more feedback from the WG
- Will send the draft to QUIC WG
- Working group adoption