YANG Grouping for UDP Clients and UDP Servers

draft-ietf-netconf-udp-client-server-00/01

A. Huang Feng, INSA-Lyon
P. Francois, INSA-Lyon
K. Watsen, Watsen Networks

March 19th 2024
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Context

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

● **Status**: WG Adopted!

● Special thanks for the comments to Benoit Claise, Mohamed Boucadair, Qiufang Ma and Qin Wu
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UDP client and UDP server groupings

Observations for the YANG groupings:
- IP-address defined as ip-address-no-zone (feedback from UDP-notif)
- Port not mandatory anymore; Default port “0”.

Changes on the draft:
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UDP client grouping vs TCP client grouping

UDP client:
- IP-address defined as **ip-address-no-zone**
- Port

TCP client:
- IP-address defined as **host** (allowing IPv4, IPv6 and hostnames)
- Port
- Local address as **ip-address**
- Local port

**Impact:**
- UDP-notif draft: conservative **ip-address-no-zone**
- UDP-notif draft: protocol for “limited domains”, no needs for **hostname**
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Open issues

- Server supporting dual stack
  - Not managed by TCP client-server draft
  - Open to suggestions and contributions

- Welcoming new feedback to improve the document