

# **YANG Groupings** for UDP Clients and UDP Servers

draft-ietf-netconf-udp-client-server-06

Two YANG 1.1 modules  
to support the configuration of UDP clients and UDP servers

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

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# YANG Groupings for UDP Clients and UDP Servers

Groupings (*No changes since -05*)

## Client

```
module: ietf-udp-client
```

```
grouping udp-client:
  +-- remote-address      inet:host
  +-- remote-port?       inet:port-number
  +-- local-address?     inet:ip-address {local-binding}?
  +-- local-port?        inet:port-number {local-binding}?
```

## Server

```
module: ietf-udp-server
```

```
grouping udp-server:
  +-- local-bind* [local-address]
  +-- local-address      inet:ip-address
  +-- local-port?        inet:port-number
```

To be used

- configuring a UDP client and UDP server
- standalone or with other protocols

Note:

- we removed “-grouping” and “-supported” suffixes (as requested by the WG)

# YANG Groupings for UDP Clients and UDP Servers

## Status

- WGLC ended 20th February (closed already)
- Thanks to Thomas, Benoit, Med, Andy, Mahesh and Rob for the review and comments during the WGLC
- Changes:
  - Editorial changes (+ add consistency with RFC 9643 [TCP groupings])
  - Server grouping: explicit that the remote-address and local-address must be part of the same address family
  - New section with “Adherence to NMDA”
  - Security Considerations updated with latest I-D.ietf-netmod-rfc8407bis template
- Ready for next steps :)

**BACKUP**

# YANG Groupings for UDP Clients and UDP Servers

Changes on -03 and -04

## OLD

```
module: ietf-udp-client
```

```
grouping udp-client-grouping:
  +-- remote-address      inet:host
  +-- remote-port?       inet:port-number
  +-- local-address?      inet:ip-address {local-binding-supported}?
  +-- local-port?        inet:port-number {local-binding-supported}?¶
```

```
module: ietf-udp-server
```

```
grouping udp-server-grouping:
  +-- local-bind* [local-address]
    +-- local-address      inet:ip-address
    +-- local-port?       inet:port-number¶
```

## NEW

```
module: ietf-udp-client
```

```
grouping udp-client:
  +-- remote-address      inet:host
  +-- remote-port?       inet:port-number
  +-- local-address?      inet:ip-address {local-binding}?
  +-- local-port?        inet:port-number {local-binding}?
```

```
module: ietf-udp-server
```

```
grouping udp-server:
  +-- local-bind* [local-address]
    +-- local-address      inet:ip-address
    +-- local-port?       inet:port-number
```