Rocky Enterprise Linux 9.2 Manual Pages on command 'tipc-bearer.8'

$ man tipc-bearer.8

TIPC-BEARER(8)   Linux   TIPC-BEARER(8)

NAME

    tipc-bearer - show or modify TIPC bearers

SYNOPSIS

    tipc bearer add media udp name NAME remoteip REMOTEIP

    tipc bearer enable [domain DOMAIN] [priority PRIORITY] media

        { { eth | ib } device DEVICE } |

        { udp name NAME localip LOCALIP [localport LOCALPORT] [re?

        moteip REMOTEIP] [remoteport REMOTEPORT] }

    tipc bearer disable media

        { { eth | ib } device DEVICE } |

        { udp name NAME }

    tipc bearer set { priority PRIORITY | tolerance TOLERANCE | window WIN?

        DOW } media

        { { eth | ib } device DEVICE } |

        { udp name NAME }

    tipc bearer get [priority | tolerance | window] media

        { { eth | ib } device DEVICE } |

```
{ udp name NAME [ localip | localport | remoteip | remoteport ]

}
```

tipc bearer list

OPTIONS

Options (flags) that can be passed anywhere in the command chain.

-h, --help

Show help about last valid command. For example tipc bearer

--help will show bearer help and tipc --help will show general

help. The position of the option in the string is irrelevant.

DESCRIPTION

Bearer identification

media MEDIA

Specifies the TIPC media type for a particular bearer to operate

on. Different media types have different ways of identifying a

unique bearer. For example, ib and eth identify a bearer with a

DEVICE while udp identify a bearer with a LOCALIP and a NAME

ib - Infiniband

eth - Ethernet

udp - User Datagram Protocol (UDP)

name NAME

Logical bearer identifier valid for bearers on udp media.

device DEVICE

Physical bearer device valid for bearers on eth and ib media.

Bearer properties

domain

The addressing domain (region) in which a bearer will establish

links and accept link establish requests.

priority

Default link priority inherited by all links subsequently estab?

lished over a bearer. A single bearer can only host one link to

a particular node. This means the default link priority for a

bearer typically affects which bearer to use when communicating

with a particular node in an multi bearer setup. For more info

about link priority see tipc-link(8)

tolerance

Default link tolerance inherited by all links subsequently es‐

tablished over a bearer. For more info about link tolerance see

tipc-link(8)

window

Default link window inherited by all links subsequently estab‐

lished over a bearer. For more info about the link window size

see tipc-link(8)

UDP bearer options

localip LOCALIP

Specify a local IP v4/v6 address for a udp bearer.

localport LOCALPORT

Specify the local port for a udp bearer. The default port 6118

is used if no port is specified.

remoteip REMOTEIP

Specify a remote IP for a udp bearer. If no remote IP is speci‐

fied a udp bearer runs in multicast mode and tries to auto-dis‐

cover its neighbours. The multicast IP address is generated

based on the TIPC network ID. If a remote IP is specified the

udp bearer runs in point-to-point mode.

Multiple remoteip addresses can be added via the bearer add com‐

mand. Adding one or more unicast remoteip addresses to an exist‐

ing udp bearer puts the bearer in replicast mode where IP multi‐

cast is emulated by sending multiple unicast messages to each

configured remoteip. When a peer sees a TIPC discovery message

from an unknown peer the peer address is automatically added to

the remoteip (replicast) list, thus only one side of a link

needs to be manually configured. A remoteip address cannot be

added to a multicast bearer.

remoteport REMOTEPORT

Specify the remote port for a udp bearer. The default port 6118

is used if no port is specified.

EXIT STATUS

Exit status is 0 if command was successful or a positive integer upon failure.

SEE ALSO

tipc(8), tipc-link(8), tipc-media(8), tipc-nametable(8), tipc-node(8), tipc-peer(8), tipc-socket(8)

REPORTING BUGS

Report any bugs to the Network Developers mailing list <net?dev@vger.kernel.org> where the development and maintenance is primarily done. You do not have to be subscribed to the list to send a message there.

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iproute2   02 Jun 2015   TIPC-BEARER(8)