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Rocky Enterprise Linux 9.2 Manual Pages on command 'ip-fou.8'

\$ man ip-fou.8

IP-FOU(8) Linux IP-FOU(8)

NAME

ip-fou - Foo-over-UDP receive port configuration

ip-gue - Generic UDP Encapsulation receive port configuration

SYNOPSIS

ip [OPTIONS] fou { COMMAND | help }

ip fou add port PORT { gue | ipproto PROTO } [local IFADDR] [peer IFADDR] [

peer_port PORT] [dev IFNAME]

ip fou del port PORT [local IFADDR] [peer IFADDR] [peer_port PORT] [dev IFNAME

]

ip fou show

DESCRIPTION

The ip fou commands are used to create and delete receive ports for Foo-over-UDP (FOU) as well as Generic UDP Encapsulation (GUE).

Foo-over-UDP allows encapsulating packets of an IP protocol directly over UDP. The re? ceiver infers the protocol of a packet received on a FOU UDP port to be the protocol con? figured for the port.

Generic UDP Encapsulation (GUE) encapsulates packets of an IP protocol within UDP and an encapsulation header. The encapsulation header contains the IP protocol number for the en? capsulated packet.

When creating a FOU or GUE receive port, the port number is specified in PORT argument. If

FOU is used, the IP protocol number associated with the port is specified in PROTO argu?

ment. You can bind a port to a local address/interface, by specifying the address in the

local IFADDR argument or the device in the IFNAME argument. If you would like to connect
the port, you can specify the peer address in the peer IFADDR argument and peer port in
the peer_port PORT argument.
A FOU or GUE receive port is deleted by specifying PORT in the delete command, as well as
local address/interface or peer address/port (if set).
EXAMPLES
Configure a FOU receive port for GRE bound to 7777
ip fou add port 7777 ipproto 47
Configure a FOU receive port for IPIP bound to 8888
ip fou add port 8888 ipproto 4
Configure a GUE receive port bound to 9999
ip fou add port 9999 gue
Delete the GUE receive port bound to 9999
ip fou del port 9999
Configure a FOU receive port for GRE bound to 1.2.3.4:7777
ip fou add port 7777 ipproto 47 local 1.2.3.4
SEE ALSO
ip(8)
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iproute2

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