NAME
> iptunnel − Create and manage IP tunnels

SYNOPSIS
> **iptunnel** { add | change | del | show } [NAME]
> [mode { ipip | gre | sit }] [remote ADDR] [local ADDR]
> [[i|o]seq] [[i|o]key KEY] [[i|o]csum]
> [ttl TTL] [tos TOS] [nopmtudisc] [dev PHYS_DEV]
>
> **iptunnel** −V | −−version
>
> **Where**: NAME := STRING
>   ADDR := { IP_ADDRESS | any }
>   TOS := { NUMBER | inherit }
>   TTL := { 1..255 | inherit }
>   KEY := { DOTTED_QUAD | NUMBER }

DESCRIPTION
> **iptunnel** can be used to add, change, delete and show IP tunnels on the machine.

OPTIONS
> **help**   Show the help text.
>
> **show**   List existing IP tunnels.
>
> **{ add | change | del } [NAME]**
> > Specify an action (**add**, **change** or **delete** an IP tunnel) to be executed by **iptunnel** on the tunnel named **NAME**, which must be a string. You must specify one action.
>
> **mode PROTOCOL**
> > Specify the **PROTOCOL** to be used for the IP tunnel. It can be **ipip** for TCP/IP, **gre** for Cisco GRE tunnel (RFCs 1701 and 1702), or **sit** for IPv6-in-IPv4 tunneling.
>
> **remote ADDR**
> > Set the remote (i.e., destination) address of the tunnel. **ADDR** must be an IP address or the word **any**.
>
> **local ADDR**
> > Set the local (i.e., source) address of the tunnel. **ADDR** must be an IP address or the word **any**.
>
> **iseq**   Require that all incoming packets are serialized. Only applicable for **GRE** tunnels.
>
> **oseq**   Enable serialization (sequencing) for all outgoing packets. Only applicable for **GRE** tunnels.
>
> **ikey KEY**
> > Specify the input key for the Cisco GRE tunnel. **KEY** must be either in dotted quad (dotted decimal) or a number. Only applicable for **GRE** tunnels.

okey KEY
> Same as **ikey**, but set the output key instead. Only applicable for **GRE** tunnels.

icsum Require that all incoming packets have the correct checksum. Only applicable for **GRE** tunnels.

ocsum Calculate checksums for all outgoing packets. Only applicable for **GRE** tunnels.

ttl TTL
> Specify the **Time-To-Live** value for the IP tunnel. **TTL** must be a value between **1** and **255**, or the word **inherit**, which causes the field to be copied from the original IP header.

tos TOS
> Specify the **Type-Of-Service** value for the IP tunnel. **TOS** must be a value between **1** and **255**, or the word **inherit**, which causes the field to be copied from the original IP header.

nopmtudisc
> Disable **Path MTU Discovery** on this tunnel. Note that a fixed **ttl** is incompatible with this option.

dev PHYS_DEV
> Bind the tunnel to the device **PHYS_DEV**.

HOMEPAGE
<https://sourceforge.net/projects/net-tools/>

AUTHORS
This manpage was written by Sergio Durigan Junior <sergiodj (at) sergiodj (dot) net>. A few parts were inspired by **ip-tunnel(1)**'s manpage.

Permission is granted to copy, distribute and/or modify this document under the terms of the GNU General Public License, Version 2 or any later version published by the Free Software Foundation.