

# Packet Mangling

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- **Packet mangling** refers to the process of intentionally altering data in IP packet headers before or after the routing process.

## 1. Modify TTL Header Field

**-j TTL --ttl-set** *value* | **--ttl-dec** *value* | **--ttl-inc** *value*

**Example:** *iptables t mangle -A FORWARD -o eth0 -j TTL --ttl-set 1*

## 2. Modify ToS Header Field

**-j TOS --set-tos** *value/symbol*

**Example:** *iptables -t mangle -A OUTPUT -p tcp -j TOS --set-tos 0x10*