NAME
ovs−tcpdump − Dump traffic from an Open vSwitch port using tcpdump.

SYNOPSIS
ovs−tcpdump −i port tcpdump options...

DESCRIPTION
ovs−tcpdump creates switch mirror ports in the ovs−vswitchd daemon and executes tcpdump to listen
against those ports. When the tcpdump instance exits, it then cleans up the mirror port it created.

ovs−tcpdump will not allow multiple mirrors for the same port. It has some logic to parse the current con-
figuration and prevent duplicate mirrors.

The −i option may not appear multiple times.

It is important to note that under Linux based kernels, tap devices do not receive packets unless the specific
tuntap device has been opened by an application. This requires CAP_NET_ADMIN privileges, so the ovs-
tcpdump command must be run as a user with such permissions (this is usually a super-user).

OPTIONS
−h
    −−help    Prints a brief help message to the console.

−V
    −−version
    Prints version information to the console.

−−db−sock
    The Open vSwitch database socket connection string. The default is unix:/var/run/open-
vswitch/db.sock

−−dump−cmd
    The command to run instead of tcpdump.

−i
    −−interface
    The interface for which a mirror port should be created, and packets should be dumped.

    −−mirror−to
    The name of the interface which should be the destination of the mirrored packets. The default is
miINTERFACE

    −−span
    If specified, mirror all ports (optional).

SEE ALSO
ovs−appctl(8), ovs−vswitchd(8), ovs−pcap(1), ovs−tcpundump(1), tcpdump(8), wireshark(8).