

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 configuration 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:/usr/local/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*

SEE ALSO

ovs-appctl(8), **ovs-vswitchd(8)**, **ovs-pcap(1)**, **ovs-tcpundump(1)**, **tcpdump(8)**, **wireshark(8)**.