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://var/run/openvswitch/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).