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 or −−help

Prints a brief help message to the console.
• −V or −−version

Prints version information to the console.
• −−db−sock <socket>

The Open vSwitch database socket connection string. The default is unix:<rundir>/db.sock.
• −−dump−cmd <command>

The command to run instead of tcpdump.
• −i or −−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 mi<port>.
• −−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).

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