

NAME

RevRoute – Click element; saves Forwarding Headers for flows, applies the Forwarding Header with reversed route to each reverse flow

SYNOPSIS

RevRoute

Ports: 2 inputs, 2 outputs

Processing: Push

Package: local (core)

DESCRIPTION

Expects ForwardingHeaders on port 0 and IP packets on port 1. For each packet on port 0, the Forwarding Header is stripped and the packet emitted on port 0 and if the encapsulated payload was an IP packet a mapping (DADDR,DPORT,SADDR,SPORT,PROTO) => *Forw-Header(n)(ReverseRoute,ReverseMethod,Options)* is installed (ReverseMethod has the 0-bit inverted). IP Packets on port 1 are encapsulated in Forwarding Headers according to the above mapping.

SEE ALSO

NextHop(n), ForwHeader(n), ForwHeaderPrint(n), IPRewriter(n)