Rocky Enterprise Linux 9.2 Manual Pages on command 'ip-sr.8'

$ man ip-sr.8

IP-SR(8)   Linux   IP-SR(8)

NAME

   ip-sr - IPv6 Segment Routing management

SYNOPSIS

   ip sr { COMMAND | help }

   ip sr hmac show

   ip sr hmac set KEYID ALGO

   ip sr tunsrc show

   ip sr tunsrc set ADDRESS

DESCRIPTION

   The ip sr command is used to configure IPv6 Segment Routing (SRv6) internal parameters.

   Those parameters include the mapping between an HMAC key ID and its associated hashing al?

   gorithm and secret, and the IPv6 address to use as source for encapsulated packets.

   The ip sr hmac set command prompts for a passphrase that will be used as the HMAC secret

   for the corresponding key ID. A blank passphrase removes the mapping. The currently sup?

   ported algorithms for ALGO are sha1 and sha256.

   If the tunnel source is set to the address :: (which is the default), then an address of

   the egress interface will be selected. As this operation may hinder performances, it is

   recommended to set a non-default address.

EXAMPLES

  Configure an HMAC mapping for key ID 42 and hashing algorithm SHA-256

     # ip sr hmac set 42 sha256

  Set the tunnel source address to 2001:db8::1

```
# ip sr tunsrc set 2001:db8::1
```

SEE ALSO

ip-route(8)

AUTHOR

David Lebrun <david.lebrun@uclouvain.be>