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) in?

   ternal parameters.

   Those parameters include the mapping between an HMAC key ID and its as?

   sociated hashing algorithm 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 re?

   moves the mapping. The currently supported 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 oper?

ation 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)

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