



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

**C:\>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 tunsrsrc show

ip sr tunsrsrc 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 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 removes 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 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)

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iproute2

14 Apr 2017

IP-SR(8)