



D Commands

- [database-mapping, page 2](#)
- [description, page 4](#)

database-mapping

To configure a IPv4 or IPv6 dynamic-endpoint identifier to Routing Locator (EID-to-RLOC) mapping relationship and its associated traffic policy, use the **database-mapping** command. To remove the configured database mapping, use the **no** form of this command.

database-mapping dynamic-EID-prefix locator priority priority weight weight

no database-mapping dynamic-EID-prefix locator priority priority weight weight

Syntax Description

dynamic-EID-prefix	IPv4 or IPv6 dynamic-EID prefix and length to be registered as a roaming EID for this policy.
locator	IPv4 or IPv6 Routing Locator (RLOC) associated with this EID prefix.
priority priority	Priority (value between 0 and 255) assigned to the RLOC. Because only a single locator can be specified for dynamic-EIDs, you should set the priority to 1.
weight weight	The weight (value between 0 and 100) assigned to the locator. Since only a single locator can be specified for dynamic-EIDs, you should set the priority to 100.

Command Default

None

Command Modes

Dynamic-EID configuration mode

Command History

Release	Modification
5.0(1.13)	This command was introduced.

Usage Guidelines

When you configure a dynamic-EID policy is configured, you must specify the dynamic-EID-to-RLOC mapping relationship and its associated traffic policy to use for each permitted prefix. When a packet is received on an interface on which the lisp mobility command has been applied, the source address of the packet is compared against the EID configured in the database-mapping entry (or entries) of the referenced lisp dynamic-eid dynamic-EID-policy-name that matches the lisp mobility dynamic-EID-policy-name.

When a dynamic-EID match is discovered, the dynamic-EID is registered to the Map Server with a 3-tuple of (locator, priority, weight). You can use multiple database-mapping entry commands to make up the locator-set for a dynamic-EID prefix. Both the dynamic-EID prefix and locator can be either an IPv4 or IPv6 address.

**Note**

All database-mapping dynamic-EID subcommands must be consistent on all LISP-VM switches that support the same roaming dynamic-EID.

This command does not require a license.

Examples

This example shows how to configure the LISP dynamic-EID policy named Roamer-1 and enter the dynamic-EID configuration mode and then configure the IPv4 dynamic-EID prefix with the IPv4 locator and a priority and weight:

```
switch# configuration terminal
switch(config)# lisp dynamic-eid Roamer-1
switch(config-lisp-dynamic-eid)# database-mapping 172.16.1.1/32 10.1.1.1 priority 1 weight
100
```

Related Commands

Command	Description
lisp site	Configures a LISP site and enters site configuration mode on a Map Server.
lisp mobility	Configures an interface on an Ingress Tunnel Router (ITR) to participate in LISP VM mobility (dynamic-EID roaming).

description

To add a description to a Locator/ID Separation Protocol (LISP) site configuration, use the **description** command. To remove the reference to a LISP site, use the **no** form of this command.

no lisp site description

no lisp site description

Syntax Description

description	Description listed with the associated LISP site.
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Command Default

None

Command Modes

LISP site configuration mode

Command History

Release	Modification
5.0(1.13)	This command was introduced.

Usage Guidelines

On the Map Server, when you enter the lisp site command, you are placed in the site sub-command mode. In this mode, you can add a description with the referenced LISP site by using the description command. This description displays when you enter the show lisp site command.

This command does not require a license.

Examples

This example shows how to configure the LISP site named Customer-1, enter the site command mode, and add the description string for Customer-1:

```
switch# configuration terminal
switch(config)# lisp site Customer-1
switch(config-lisp-site)# description Customer-1 Site Information
```

Related Commands

Command	Description
lisp site	Configures a LISP site and enters site configuration mode on a Map Server.
show lisp site	Displays registered LISP sites on a Map Server.