

FSOS

NVGRE Command Line Reference

Contents

1 NVGRE Commands.....	3
1.1 nvgre.....	3
1.2 source.....	4
1.3 vlan id mapping.....	5
1.4 vlan id peer.....	6
1.5 nvgre enable.....	7

1 NVGRE Commands

1.1 nvgre

To configure NVGRE related feature, use the nvgre command in global configuration mode.

Command Syntax

nvgre

Command Mode

Global Configuration

Default

None

Usage

None

Examples

```
Switch(config)# nvgre
Switch(config-nvgre)# source 10.1.1.1
```

Related Commands

None

1.2 source

To specify the outer source IPv4 address of the encapsulated NVGRE packets, use the source command in NVGRE configuration mode.

Command Syntax

source *A.B.C.D*

<i>A.B.C.D</i>	Source IPv4 address of the encapsulated NVGRE packet
----------------	--

Command Mode

NVGRE Configuration

Default

None

Usage

None

Examples

```
Switch(config-nvgre)# source 10.1.1.1
```

Related Commands

None

1.3 vlan id mapping

To add a mapping between vlan id and NVGRE VSID(tunnel id), use the vlan id mapping command in NVGRE configuration mode . To delete the mapping, use the no form of this command.

Command Syntax

vlan *VLAN_ID* **tunnel-id** *<1-16777215>*

no vlan *VLAN_ID* **tunnel-id**

<i>VLAN_ID</i>	VLAN id to be mapped
<i><1-16777215></i>	24-bit NVGRE VSID(tunnel id)

Command Mode

NVGRE Configuration

Default

None

Usage

None

Examples

```
Switch(config)# nvgre
Switch(config-nvgre)# source 10.1.1.1
Switch(config-nvgre)# vlan 2 tunnel-id 2
```

Related Commands

None

1.4 vlan id peer

To add a NVGRE overlay tunnel for a VLAN, use the `vlan id peer` command in NVGRE configuration mode. To delete the tunnel, use the `no` form of this command.

Command Syntax

vlan *VLAN_ID* **peer** *A.B.C.D*

no vlan *VLAN_ID* **peer** *A.B.C.D*

<i>VLAN_ID</i>	VLAN id
<i>A.B.C.D</i>	IPv4 address of tunnel remote endpoint

Command Mode

NVGRE Configuration

Default

None

Usage

None

Examples

```
Switch(config)# nvgre
Switch(config-nvgre)# source 10.1.1.1
Switch(config-nvgre)# vlan 2 tunnel-id 2
Switch(config-nvgre)# vlan 2 peer 10.1.1.2
```

Related Commands

1.5 nvgre enable

To enable a physical Ethernet interface to decapsulate NVGRE packets, use the command in interface configuration mode. To disable decapsulating, enter the disable form of this command.

Command Syntax

nvgre enable

nvgre disable

Command Mode

Interface Configuration

Default

None

Usage

None

Examples

```
Switch(config)# interface eth-0-1
Switch(config-if)# nvgre enable
```

Related Commands

None