

Contents

- Service loopback group commands 1
 - display service-loopback group 1
 - port service-loopback group 1
 - service-loopback group 2

Service loopback group commands

display service-loopback group

Use **display service-loopback group** to display service loopback group information.

Syntax

```
display service-loopback group [ group-id ]
```

Views

Any view

Predefined user roles

network-admin
network-operator

Parameters

group-id: Specifies a service loopback group ID. The value range for the *group-id* argument is 1 to 1024. If you do not specify a service loopback group, this command displays information about all service loopback groups.

Examples

```
# Display information about service loopback group 5.
```

```
<Sysname> display service-loopback group 5
```

```
Service Group ID: 5          Service Type: Tunnel
Member:
  Ten-GigabitEthernet1/0/1
  Ten-GigabitEthernet1/0/2
```

Table 1 Command output

Field	Description
Service Group ID	Service loopback group ID.
Service Type	Service type of the service loopback group: <ul style="list-style-type: none">• Multicast-tunnel—Supports multicast tunnel traffic.• Tunnel—Supports unicast tunnel traffic.• Multiport—Supports multiport ARP traffic.• VSI-gateway—Supports VSI gateway traffic.
Member	Member ports of the service loopback group.

port service-loopback group

Use **port service-loopback group** to assign a port to a service loopback group.

Use **undo port service-loopback group** to remove a port from a service loopback group.

Syntax

```
port service-loopback group group-id
```

```
undo port service-loopback group
```

Default

A port does not belong to any service loopback group.

Views

Layer 2 Ethernet interface view

Predefined user roles

network-admin

Parameters

group-id: Specifies a service loopback group ID. The value range for the *group-id* argument is 1 to 1024.

Usage guidelines

When you assign a port to a service loopback group, the system removes the configuration on the port. Make sure you are fully aware of the impact of this command before using it on a live network.

To avoid IRF split, do not assign a port to a service loopback group if that port is the only IRF physical interface of an IRF port.

Before assigning a port to a service loopback group, make sure the port supports the service type of the group.

A port can belong to only one service loopback group. You can assign a maximum of 32 ports to a service loopback group.

For correct traffic processing, make sure a service loopback group has a minimum of one member port when it is being used by a feature.

Examples

```
# Assign Ten-GigabitEthernet 1/0/1 to service loopback group 5.
<Sysname> system-view
[Sysname] interface ten-gigabitethernet 1/0/1
[Sysname-Ten-GigabitEthernet1/0/1] port service-loopback group 5
```

service-loopback group

Use **service-loopback group** to create a service loopback group and specify its service type.

Use **undo service-loopback group** to delete a service loopback group.

Syntax

```
service-loopback group group-id type { { multicast-tunnel | tunnel } * | multiport | vsi-gateway }
undo service-loopback group group-id
```

Default

No service loopback groups exist.

Views

System view

Predefined user roles

network-admin

Parameters

group-id: Specifies a service loopback group ID. The value range for the *group-id* argument is 1 to 1024.

type: Specifies the service type of the service loopback group.

multicast-tunnel: Specifies the multicast tunnel service.

tunnel: Specifies the unicast tunnel service.

multiport: Specifies the multiport ARP service.

vsi-gateway: Specifies the VSI gateway service.

Usage guidelines

Service loopback groups must work with other features, such as GRE. A service loopback group can be used by multiple features.

You must create a service loopback group before you can use it with a feature.

You can configure only one service loopback group for a service type. You cannot change the service type of a service loopback group.

To ensure correct traffic processing, do not delete a service loopback group that is being used by a feature.

Examples

Create service loopback group 5 and specify the unicast tunnel service for the group.

```
<Sysname> system-view
```

```
[Sysname] service-loopback group 5 type tunnel
```