

# 8 常见链路聚合操作

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## 8.1 将成员接口批量加入聚合组

# 在Eth-Trunk1中批量加入五个成员接口GigabitEthernet1/0/1到GigabitEthernet1/0/5。

```
<HUAWEI> system-view
[HUAWEI] interface eth-trunk 1
[HUAWEI-Eth-Trunk1] trunkport gigabitethernet 1/0/1 to 1/0/5
```

## 8.2 将指定成员接口从聚合组中删除

删除成员接口有如下两种方式，请根据需要选择其一即可。

- 在Eth-Trunk接口视图下执行命令**undo trunkport interface-type { interface-number1 [ to interface-number2 ] }** <1-8>。

```
<HUAWEI> system-view
[HUAWEI] interface eth-trunk 1
[HUAWEI-Eth-Trunk1] undo trunkport gigabitethernet 1/0/1
```

- 在成员接口视图下执行命令**undo eth-trunk**。

```
<HUAWEI> system-view
[HUAWEI] interface gigabitethernet 1/0/1
[HUAWEI-GigabitEthernet1/0/1] undo eth-trunk
```

## 8.3 删除聚合组

### 前提条件

将所有的成员接口从聚合组中删除，具体请参见[8.2 将指定成员接口从聚合组中删除](#)。

### 操作步骤

在系统视图下执行命令**undo interface eth-trunk *trunk-id***。

```
<HUAWEI> system-view
[HUAWEI] undo interface eth-trunk 10
```

## 8.4 查看 Eth-Trunk 接口的配置信息

# 查看所有Eth-Trunk接口配置信息。

```
<HUAWEI> display eth-trunk
Eth-Trunk10's state information is:
Local:
LAG ID: 10                      WorkingMode: LACP
Preempt Delay Time: 10          Hash arithmetic: According to SIP-XOR-DIP
System Priority: 120             System ID: 0018-82d4-04c3
Least Active-linknumber: 1      Max Active-linknumber: 2
Operate status: up              Number Of Up Port In Trunk: 2
```

ActorPortName	Status	PortType	PortPri	PortNo	PortKey	PortState	Weight
GigabitEthernet1/0/2	Selected	1GE	10	262	2609	10111100	1
GigabitEthernet1/0/3	Selected	1GE	10	263	2609	10111100	1
GigabitEthernet1/0/4	Unselect	1GE	32768	264	2609	10100000	1

```
Partner:
ActorPortName      SysPri  SystemID  PortPri  PortNo  PortKey  PortState
GigabitEthernet1/0/2 32768  00e0-fc6e-bb11 32768  262    2609    10111100
GigabitEthernet1/0/3 32768  00e0-fc6e-bb11 32768  263    2609    10111100
GigabitEthernet1/0/4 32768  00e0-fc6e-bb11 32768  264    2609    10110000

Eth-Trunk11's state information is:
WorkingMode: NORMAL          Hash arithmetic: According to SIP-XOR-DIP
Least Active-linknumber: 1    Max Bandwidth-affected-linknumber: 8
Operate status: up           Number Of Up Port In Trunk: 1
```

PortName	Status	Weight
GigabitEthernet1/0/1	Up	1

# 查看ID为10的Eth-Trunk接口（LACP模式）的配置信息。

```
<HUAWEI> display eth-trunk 10
Eth-Trunk10's state information is:
Local:
LAG ID: 10                      WorkingMode: LACP
Preempt Delay Time: 10          Hash arithmetic: According to SIP-XOR-DIP
System Priority: 120             System ID: 0018-82d4-04c3
Least Active-linknumber: 1      Max Active-linknumber: 2
Operate status: up              Number Of Up Port In Trunk: 2
```

ActorPortName	Status	PortType	PortPri	PortNo	PortKey	PortState	Weight
GigabitEthernet1/0/2	Selected	1GE	10	262	2609	10111100	1
GigabitEthernet1/0/3	Selected	1GE	10	263	2609	10111100	1
GigabitEthernet1/0/4	Unselect	1GE	32768	264	2609	10100000	1

```
Partner:
-----
ActorPortName          SysPri   SystemID  PortPri  PortNo  PortKey  PortState
GigabitEthernet1/0/2   32768   00e0-fc6e-bb11  32768   262    2609    10111100
GigabitEthernet1/0/3   32768   00e0-fc6e-bb11  32768   263    2609    10111100
GigabitEthernet1/0/4   32768   00e0-fc6e-bb11  32768   264    2609    10110000

# 查看ID为11的Eth-Trunk接口（手工负载分担模式）的配置信息。

<HUAWEI> display eth-trunk 11
Eth-Trunk11's state information is:
WorkingMode: NORMAL          Hash arithmetic: According to SIP-XOR-DIP
Least Active-linknumber: 1   Max Bandwidth-affected-linknumber: 8
Operate status: up          Number Of Up Port In Trunk: 1
-----
PortName                Status    Weight
GigabitEthernet1/0/1    Up        1
```

8.5 查看 Eth-Trunk 的成员接口信息

```
# 查看ID为2的Eth-Trunk的成员接口信息。

<HUAWEI> display trunkmembership eth-trunk 2
Trunk ID: 2
Used status: VALID
TYPE: ethernet
Working Mode : Normal
Number Of Ports in Trunk = 2
Number Of Up Ports in Trunk = 2
Operate status: up
Interface GigabitEthernet1/0/1, valid, operate up, weight=1
Interface GigabitEthernet1/0/2, valid, operate up, weight=1
```

8.6 查看设备支持的链路聚合组数目和成员接口数目



V200R005及以后版本支持此命令。

# 查看设备支持的链路聚合组数目和成员接口数目。

```
<HUAWEI> display trunk configuration
-----
Item          Default    Current    Configured
-----
trunk-group   128        64         64
trunk-member  8          16         16
-----
```

表 8-1 display trunk configuration 命令输出信息描述

项目	描述
Item	项目名称。
Default	设备缺省情况下支持的Eth-Trunk的规格。
Current	设备当前支持的Eth-Trunk的规格。
Configured	设备当前配置的Eth-Trunk的规格，若与 <b>Current</b> 列不同，则在重启设备后 <b>Configured</b> 列配置生效。

项目	描述
trunk-group	设备支持的Eth-Trunk组的数目。
trunk-member	每个Eth-Trunk组支持的成员接口数。