

### AR系列路由器debugging bridge命令

#### 【命令】

**debugging bridge eth-forwarding** [ dslw | interface interface-type interface-number ]

**undo debugging bridge eth-forwarding** [ dslw | interface interface-type interface-number ]

#### 【视图】

用户视图

#### 【参数】

interface-type: 接口类型。

interface-number: 接口编号。

#### 【描述】

**debugging bridge**命令用来打开网桥组调试信息开关，**undo debugging bridge**命令用来关闭调试信息开关。

缺省情况下，关闭bridge调试功能。

#### 【举例】

# 打开Bridge模块数据包调试功能。

```
<RA46> debugging bridge eth-forwarding
```

```
<RA46>terminal display
```

```
*0.3873690 Quidway BRIDGE/8/DEBUGGING:
```

```
Do not bridge a frame without permission; received from interface Ethernet0/0/1, with following frame head :
```

```
//提示说明桥端口Ethernet0/0/1收到一个BRIDGE不支持的帧格式
```

```
01 80 c2 00 00 00 e0 fc 00 39 3e 00 6a 42 42 03
```

```
//该帧头为STP协议的BPDU帧，01 80 c2 00 00 00 为广播目的MAC地址，00 e0 fc 00 39 3e 为源MAC地址，00 6a 为帧长度，42 42 03为控制字段信息
```

```
*0.3873940 Quidway BRIDGE/8/DEBUGGING:
```

```
Broadcast a frame;and try to send to interface Ethernet0/0/1, with following frame head :
```

```
//由某一桥端口收到的报文，向在同一桥组的Ethernet0/0/1端口发送
```

```
ff ff ff ff ff 00 e0 fc 00 41 01 08 06
```

```
//免费ARP报文帧头，ff ff ff ff ff 为广播目的MAC地址，00 e0 fc 00 41 01 为源MAC地址，08 06 为ARP报文协议类型号
```

```
*0.4062860 Quidway BRIDGE/8/DEBUGGING:
```

```
Broadcast a frame;and try to send to interface Ethernet0/0/1, with following frame head :
```

```
ff ff ff ff ff 00 e0 fc 00 41 01 08 06
```

```
*0.4063710 Quidway BRIDGE/8/DEBUGGING:
```

```
Do not bridge a frame without permission; received from interface Ethernet0/0/1, with following frame head :
```

```
01 80 c2 00 00 00 e0 fc 00 39 3e 00 6a 42 42 03
```

```
*0.4063960 Quidway BRIDGE/8/DEBUGGING:
```

```
Broadcast a frame;and try to send to interface Ethernet0/0/1, with following frame head :
```

```
ff ff ff ff ff 00 e0 fc 00 41 01 08 06
```

```
*0.4064870 Quidway BRIDGE/8/DEBUGGING:
```

```
Broadcast a frame;and try to send to interface Ethernet0/0/1, with following frame head :
```

```
ff ff ff ff ff 00 e0 fc 00 41 01 08 06
```

```
*0.4065080 Quidway BRIDGE/8/DEBUGGING:
```

```
Forward a frame; received from interface Ethernet0/0/0;and try to send to interface Ethernet0/0/1, with following frame head :
```

```
//由端口Ethernet0/0/0收到的报文，向同一桥组的Ethernet0/0/1转发
```

```
00 e0 fc 00 39 31 00 e0 fc 00 41 01 08 00
```

```
//IP数据报文帧头, 00 e0 fc 00 39 31 为目的MAC地址, 00 e0 fc 00 41 01 为源MAC地址, 08 00 为IP报文协议类型号
*0.4065340 Quidway BRIDGE/8/DEBUGGING:
Forward a frame; received from interface Ethernet0/0/1;and try to send to interface Ethernet0/0/0, with following frame head :
00 e0 fc 00 41 01 00 e0 fc 00 39 31 08 00
*0.4065600 Quidway BRIDGE/8/DEBUGGING:
*0.23894930 rtb BRIDGE/8/DEBUGGING:
Discard a frame to the destination; received from interface Serial3/0/2, with following frame head :
//在桥组中使能MAC地址过滤功能, 对于特定的目的MAC进行过滤
00 00 00 00 00 09 00 00 00 00 00 0a 08 00
//IP数据报文帧头, 00 00 00 00 00 09 为目的MAC地址, 00 00 00 00 00 0a 为源MAC地址, 08 00 为IP报文协议类型号
*0.23895150 rtb BRIDGE/8/DEBUGGING:
Discard a frame to the destination; received from interface Serial3/0/2, with following frame head :
00 00 00 00 00 09 00 00 00 00 00 0a 08 00
*0.23895370 rtb BRIDGE/8/DEBUGGING:
Discard a frame to the destination; received from interface Serial3/0/2, with following frame head :
00 00 00 00 00 09 00 00 00 00 00 0a 08 00
*0.3055140 2840 BRIDGE/8/DEBUGGING:
A frame; received from interface Ethernet3/0/2;and deliver to interface bridge-template1, with following frame head :
//收到的报文上送桥模板
00 e0 fc 06 ac 67 00 e0 fc 0c a2 92 08 00 45 00 00 54
```