

知 S7506E接口下配策略路由提示不支持经验案例

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组网及说明

某客户局点在S7506E三层接口下配置策略路由，系统提示不支持。

```
[SWITCH-Vlan-interface33]ip policy-based-route testPT
```

Error: The operation is not supported.

问题描述

查看设备日志，PBR无法正常下发：查看配置

```
%May 10 08:22:52:466 2018 SWITCH SHELL/6/SHELL_CMD: -Task=vt0-IPAddr=192.168.1.1-User=admin; Command is ip policy-based-route testPT
```

```
%May 10 08:22:52:469 2018 SWITCH PBR/5/PBR_DRIVER_NOT_SUPPORT: -Chassis=1-Slot=0; Driver cannot support the operation.
```

```
%May 10 08:22:52:469 2018 SWITCH PBR/5/PBR_DRIVER_NOT_SUPPORT: -Chassis=1-Slot=1; Driver cannot support the operation.
```

```
%May 10 08:22:52:473 2018 SWITCH PBR/5/PBR_DRIVER_NOT_SUPPORT: -Chassis=1-Slot=2; Driver cannot support the operation.
```

```
%May 10 08:22:52:473 2018 SWITCH PBR/5/PBR_DRIVER_NOT_SUPPORT: -Chassis=1-Slot=3; Driver cannot support the operation.
```

```
%May 10 08:22:52:475 2018 SWITCH PBR/5/PBR_DRIVER_NOT_SUPPORT: -Chassis=1-Slot=4; Driver cannot support the operation.
```

```
%May 10 08:22:52:480 2018 SWITCH PBR/5/PBR_DRIVER_NOT_SUPPORT: -Chassis=2-Slot=1; Driver cannot support the operation.
```

```
%May 10 08:22:52:484 2018 SWITCH PBR/5/PBR_DRIVER_NOT_SUPPORT: Driver cannot support the operation.
```

```
%May 10 08:22:52:490 2018 SWITCH PBR/5/PBR_DRIVER_NOT_SUPPORT: -Chassis=2-Slot=2; Driver cannot support the operation.
```

```
%May 10 08:22:52:490 2018 SWITCH PBR/5/PBR_DRIVER_NOT_SUPPORT: -Chassis=2-Slot=3; Driver cannot support the operation.
```

```
%May 10 08:22:52:490 2018 SWITCH PBR/5/PBR_DRIVER_NOT_SUPPORT: -Chassis=2-Slot=4; Driver cannot support the operation.
```

过程分析

查看配置：

```
acl number 3111
rule 0 permit tcp source 192.168.176.1 0 source-port eq telnet
#
```

```
policy-based-route testPT permit node 5
if-match acl 3111
```

```
apply ip-address next-hop 192.168.183.6
```

acl的规则中没有携带vpn参数，不涉及底层硬件不支持的情况。

查看设备单板类型：

| | | | | | | |
|---|---|------------|--------|---|----------------|------|
| 1 | 0 | LSQ1SRPB | Slave | 0 | S7500E-6708P09 | None |
| 1 | 1 | LSQ1SRPB | Slave | 0 | S7500E-6708P09 | None |
| 1 | 2 | LSQ1GT24SC | Normal | 0 | S7500E-6708P09 | None |
| 1 | 3 | LSQ1TGS8SC | Normal | 0 | S7500E-6708P09 | None |
| 1 | 4 | LSU3WCMD | Normal | 0 | S7500E-6708P09 | None |

手册注明SA类单板不支持策略路由，以上单板均支持策略路由下发。

查看设备当前配置，发现如下配置：

```
irf-pbr disable
```

查看命令手册：

irf-pbr disable命令用来在四台S7506E/S7506E-V设备组成的IRF中增强业务板的可用性。**irf-pbr enable**命令用来恢复缺省情况。

缺省情况下，在四台S7506E/S7506E-V设备组成的IRF中，成员设备4的槽位7不可用。

在配置irf-pbr disable命令后，成员设备4的最后一个槽位上可以使用部分型号的业务板（可用业务板型号的信息请参见“IRF配置指导”），同时在IRF中将不能再配置PBR方式的策略路由功能。

解决方法

现场两台设备堆叠，不需要配置irf-pbr disable命令，删除后，策略路由可以正常下发。