



关于配置S5820V2_5830V2期望风道方向的注意事项

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S5820V2_5830V2设备支持两种型号的风扇模块，分别对应两种风道方向：端口侧进风、电源侧出风；电源侧进风、端口侧出风。用户应根据机房通风散热系统的方向来选择风扇模块的型号和配置设备的期望风道方向，并确保这三个方向一致。

当风扇模块的风道方向与设备当前期望的风道方向不符时，设备会发出较大的噪声，系统指示灯为红色告警，同时控制台会打印如下Log信息提醒用户。此时，请登录设备，配置期望风道方向跟风扇模块一致，问题消失。

Log告警：

```
%Jan 1 04:32:26:820 2011 H3C DEV/1/FAN_DIRECTION_NOT_PREFERRED: Fan 1 airflow direction is not preferred on slot 1, please check it.
```

```
%Jan 1 04:32:26:821 2011 H3C DEV/1/FAN_DIRECTION_NOT_PREFERRED: Fan 2 airflow direction is not preferred on slot 1, please check it.
```

此时：

```
[H3C]display fan
```

```
Slot 1
```

```
FAN 1
```

```
State : FanDirectionFault
```

```
Wind Direction :Port-to-Power
```

```
Prefer Wind Direction :Power-to-Port
```

```
FAN 2
```

```
State : FanDirectionFault
```

```
Wind Direction :Port-to-Power
```

```
Prefer Wind Direction :Power-to-Port
```

配置风扇期望方向：

```
system-view
```

```
[H3C]fan prefer-direction slot 1 port-to-power
```

```
%Jan 1 04:34:48:421 2011 H3C DEV/5/FAN_RECOVERED: Fan 1 recovered.
```

```
%Jan 1 04:34:48:422 2011 H3C DEV/5/FAN_RECOVERED: Fan 2 recovered.
```

此时风扇状态：

```
[H3C]display fan
```

```
Slot 1
```

```
FAN 1
```

```
State : Normal
```

```
Wind Direction :Port-to-Power
```

```
Prefer Wind Direction :Port-to-Power
```

```
FAN 2
```

```
State : Normal
```

```
Wind Direction :Port-to-Power
```

```
Prefer Wind Direction :Port-to-Power
```

噪声消失、系统状态指示灯绿色常亮，设备运行正常。

PS： 缺省情况下，期望的风道方向为电源侧进风、端口侧出风

