

### S2000-EA系列交换机HWPing—ICMP测试功能的配置

#### 一、组网需求:

H3C S2000-EA系列以太网交换机作为HWPing客户端与另外一台交换机之间进行HWPing ICMP测试, 使用ICMP协议来测试数据报文在HWPing客户端和指定的目的端之间的往返时间。

#### 二、组网图:



#### 三、配置步骤:

配置HWPing Client(Switch A):

# 开启hwping客户端。

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

```
[Sysname] hwping-agent enable
```

# 创建一个HWPing测试组。指定的管理员名字为administrator, 测试操作标签为ICMP。

```
[Sysname] hwping administrator icmp
```

# 配置测试类型为ICMP。

```
[Sysname-hwping-administrator-icmp] test-type icmp
```

# 配置目的IP地址为10.2.2.2。

```
[Sysname-hwping-administrator-icmp] destination-ip 10.2.2.2
```

# 配置一次测试中进行探测的次数为10。

```
[Sysname-hwping-administrator-icmp] count 10
```

# 配置探测的超时时间为5秒。

```
[Sysname-hwping-administrator-icmp] timeout 5
```

# 启动测试操作。

```
[Sysname-hwping-administrator-icmp] test-enable
```

# 配置保存历史记录的最大数目为5。

```
[Sysname-hwping-administrator-icmp] history-records 5
```

# 查看测试结果。

```
[Sysname-hwping-administrator-icmp] display hwping results administrator icmp
```

```
HWPing entry(admin administrator, tag icmp) test result:
```

```
Destination ip address:10.2.2.2
```

```
Send operation times: 10          Receive response times: 10
```

```
Min/Max/Average Round Trip Time: 3/6/3
```

```
Square-Sum of Round Trip Time: 145
```

```
Last succeeded test time: 2000-4-2 20:55:12.3
```

```
Extend result:
```

```
SD Maximal delay: 0          DS Maximal delay: 0
```

```
Packet lost in test: 0%
```

```
Disconnect operation number: 0      Operation timeout number: 0
```

```
System busy operation number: 0     Connection fail number: 0
```

```
Operation sequence errors: 0        Drop operation number: 0
```

```
Other operation errors: 0
```

```
[Sysname-hwping-administrator-icmp] display hwping history administrator icmp
```

```
HWPing entry(admin administrator, tag icmp) history record:
```

Index	Response	Status	LastRC	Time
1	3	1	0	2000-04-02 20:55:12.3
2	4	1	0	2000-04-02 20:55:12.3
3	4	1	0	2000-04-02 20:55:12.2
4	3	1	0	2000-04-02 20:55:12.2
5	3	1	0	2000-04-02 20:55:12.2

#### 四、配置关键点:

无

