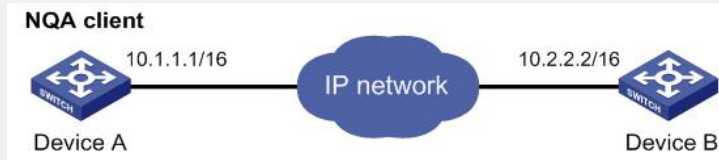


### H3C S3500-EA NQA ICMP-echo测试的典型配置

#### 一、组网需求:

使用NQA进行ICMP-echo测试, 测试本端 (Device A) 发送的报文是否可以到达指定的目的端 (Device B), 以及报文的往返时间。

#### 二、组网图:



#### 三、配置步骤:

# 创建ICMP-echo类型的NQA测试组并配置相关测试参数。

```
<DeviceA> system-view
```

```
[DeviceA] nqa entry admin test
```

```
[DeviceA-nqa-admin-test] type icmp-echo
```

```
[DeviceA-nqa-admin-test-icmp-echo] destination ip 10.2.2.2
```

# 配置可选参数。

```
[DeviceA-nqa-admin-test-icmp-echo] probe count 10
```

```
[DeviceA-nqa-admin-test-icmp-echo] probe timeout 500
```

```
[DeviceA-nqa-admin-test-icmp-echo] frequency 5000
```

```
[DeviceA-nqa-admin-test-icmp-echo] history-records 10
```

```
[DeviceA-nqa-admin-test-icmp-echo] quit
```

# 启动ICMP-echo测试操作。

```
[DeviceA] nqa schedule admin test start-time now lifetime forever
```

# 测试执行一段时间后, 停止ICMP-echo测试操作。

```
[DeviceA] undo nqa schedule admin test
```

# 显示ICMP-echo测试中最后一次测试的结果。

```
[DeviceA] display nqa result admin test
```

```
NQA entry(admin admin, tag test) test results:
```

```
Destination IP address: 10.2.2.2
```

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

```
Min/Max/Average round trip time: 2/5/3
```

```
Square-Sum of round trip time: 96
```

```
Last succeeded probe time: 2007-08-23 15:00:01.2
```

```
Extend results:
```

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

```
Failures due to timeout: 0
```

```
Failures due to disconnect: 0
```

```
Failures due to no connection: 0
```

```
Failures due to sequence error: 0
```

```
Failures due to internal error: 0
```

```
Failures due to other errors: 0
```

# 显示ICMP-echo测试的历史记录。

```
[DeviceA] display nqa history admin test
```

```
NQA entry(admin admin, tag test) history record(s):
```

Index	Response	Status	Time
370	3	Succeeded	2007-08-23 15:00:01.2
369	3	Succeeded	2007-08-23 15:00:01.2
368	3	Succeeded	2007-08-23 15:00:01.2
367	5	Succeeded	2007-08-23 15:00:01.2
366	3	Succeeded	2007-08-23 15:00:01.2
365	3	Succeeded	2007-08-23 15:00:01.2
364	3	Succeeded	2007-08-23 15:00:01.1
363	2	Succeeded	2007-08-23 15:00:01.1
362	3	Succeeded	2007-08-23 15:00:01.1
361	2	Succeeded	2007-08-23 15:00:01.1

#### 四、配置关键点:

