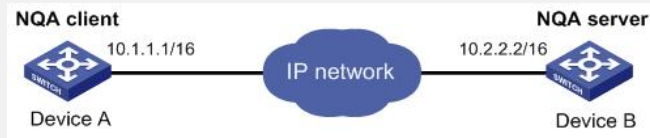


H3C S3500-EA NQA TCP测试的典型配置

一、组网需求:

使用TCP功能测试本端 (Device A) 和指定目的端 (Device B) 之间建立TCP连接所需的时间, 使用的端口号为9000。

二、组网图:



三、配置步骤:

(1) 配置Device B

使能NQA服务器, 配置监听IP地址10.2.2.2和端口号9000。

```
<DeviceB> system-view
[DeviceB] nqa server enable
[DeviceB] nqa server tcp-connect 10.2.2.2 9000
```

(2) 配置Device A

创建TCP类型的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 tcp
[DeviceA-nqa-admin-test-tcp] destination ip 10.2.2.2
[DeviceA-nqa-admin-test-tcp] destination port 9000
[DeviceA-nqa-admin-test-tcp] quit
```

启动测试操作。

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

测试执行一段时间后, 停止TCP测试操作。

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

显示TCP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: 1      Receive response times: 1
Min/Max/Average round trip time: 13/13/13
Square-Sum of round trip time: 169
Last succeeded probe time: 2007-11-22 10:27:25.1
```

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TCP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
1      13        Succeeded 2007-11-22 10:27:25.1
```

四、配置关键点:

无.