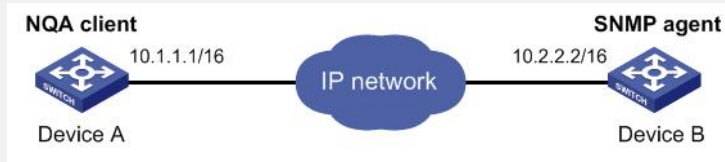


### H3C S3500-EA NQA SNMP测试的典型配置

#### 一、组网需求:

使用SNMP查询测试从Device A发出一个SNMP协议查询报文到收到SNMP agent (Device B) 响应报文所用的时间。

#### 二、组网图:



#### 三、配置步骤:

(1) 在SNMP agent上进行配置

# 启动SNMP agent服务, 设置SNMP版本为all、只读团体名为public、读写团体名为private。

```
<DeviceB> system-view
[DeviceB] snmp-agent sys-info version all
[DeviceB] snmp-agent community read public
[DeviceB] snmp-agent community write private
```

(2) 在Device A上进行配置

# 创建SNMP查询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 snmp
[DeviceA-nqa-admin-test-snmp] destination ip 10.2.2.2
[DeviceA-nqa-admin-test-snmp] 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SNMP测试操作。
```

```
[DeviceA] undo nqa schedule admin test
# 显示SNMP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: 50/50/50
Square-Sum of round trip time: 2500
Last succeeded probe time: 2007-11-22 10:24:41.1
```

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SNMP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      50        Timeout 2007-11-22 10:24:41.1
```

#### 四、配置关键点:

无。