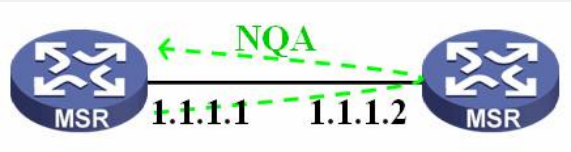


MSR系列路由器
NQA（网络质量分析）功能的配置

关键字：MSR; NQA; Hwping; 网络质量分析

一、组网需求：
CMW的NQA在功能上和原有VRP平台的hwping一致，如下图，1.1.1.1上配置NQA，每隔10s探测一次1.1.1.2的可达性。
设备清单：MSR系列路由器2台
二、组网图：



三、配置步骤：
适用设备和版本：MSR系列、Version 5.20, Release 1206后所有版本。

```
1.1.1.1关键配置
#
//使能nqa代理功能
nqa-agent enable
#
//建立nqa探测组，管理组名h3c，标记msr
nqa h3c msr
//指定探测的目的地址
destination-ip 1.1.1.2
//指定探测时间间隔为10s
frequency 10
#
NQA使能操作
//进入nqa h3c msr视图
[H3C]nqa h3c msr
//开启探测功能
[H3C-nqa-h3c-msr]test-enable
//显示nqa探测历史信息
[H3C-nqa-h3c-msr]display nqa history h3c msr

NQA entry(admin h3c, tag msr) history record:
Index  Response  Status  LastRC  Time
1      1          1       0       2007-06-15 18:30:35.3
2      1          1       0       2007-06-15 18:30:25.2
3      1          1       0       2007-06-15 18:30:15.2
4      0          1       0       2007-06-15 18:30:05.1
5      1          1       0       2007-06-15 18:29:55.0
6      1          1       0       2007-06-15 18:29:44.9
7      1          1       0       2007-06-15 18:29:34.9
8      0          1       0       2007-06-15 18:29:24.8
9      1          1       0       2007-06-15 18:29:14.7
10     1          1       0       2007-06-15 18:29:04.6
//显示nqa探测结果
[H3C-nqa-h3c-msr]display nqa results h3c msr
NQA entry(admin h3c, tag msr) test result:
Destination ip address: 1.1.1.2
Send operation times: 1          Receive response times: 1
Min/Max/Average Round Trip Time: 0/0/0
Square-Sum of Round Trip Time: 0
Last succeeded test time: 2007-06-15 18:31:35.8
Extend result:
Packet lost in test: 0%
Failures due to Timeout: 0
Failures due to System Busy: 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
```

四、配置关键点：
1) 保证有探测目标的路由即可。

