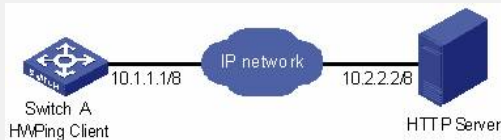


S2000-EA系列交换机HWPing—HTTP测试功能的配置

一、组网需求:

H3C S2000-EA系列以太网交换机作为HWPing客户端, PC作为HTTP服务器。在HWPing客户端和HTTP服务器之间进行HWPing HTTP测试, 测试与指定的HTTP服务器之间是否可以建立连接以及从HTTP服务器获取一个文件所用的时间。

二、组网图:



三、配置步骤:

1、配置HTTP Server:

HTTP服务器使用Windows 2003 Server, 关于HTTP服务器的配置请参见Windows 2003 Server的相关配置指导书。

2、配置HWPing Client(Switch):

```
# 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HTTP。
[Sysname] hwping administrator http
# 配置测试的类型为HTTP。
[Sysname-hwping-administrator-http] test-type http
# 配置HTTP服务器的IP地址为10.2.2.2。
[Sysname-hwping-administrator-http] 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-http] count 10
# 配置探测的超时时间为30秒。
[Sysname-hwping-administrator-http] timeout 30
# 启动测试操作。
[Sysname-hwping-administrator-http] test-enable
# 查看测试结果。
[Sysname-hwping-administrator-http] display hwping results administrator http
HWPing entry(admin administrator, tag http) test result:
  Destination ip address:10.2.2.2
  Send operation times: 10          Receive response times: 10
  Min/Max/Average Round Trip Time: 47/87/74
  Square-Sum of Round Trip Time: 57044
  Last succeeded test time: 2000-4-2 20:41:50.4
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
Http result:
  DNS Resolve Time: 0             HTTP Operation Time: 675
  DNS Resolve Min Time: 0         HTTP Test Total Time: 748
  DNS Resolve Max Time: 0         HTTP Transmission Successful Times: 10
  DNS Resolve Failed Times: 0     HTTP Transmission Failed Times: 0
  DNS Resolve Timeout Times: 0    HTTP Transmission Timeout Times: 0
  TCP Connect Time: 73            HTTP Operation Min Time: 27
  TCP Connect Min Time: 5         HTTP Operation Max Time: 80
  TCP Connect Max Time: 20
  TCP Connect Timeout Times: 0
```

[Sysname-hwping-administrator-http] display hwping history administrator http

HWPing entry(admin administrator, tag http) history record:

Index	Response	Status	LastRC	Time
1	13	1	0	2000-04-02 15:15:52.5
2	9	1	0	2000-04-02 15:15:52.5
3	3	1	0	2000-04-02 15:15:52.5
4	3	1	0	2000-04-02 15:15:52.5
5	3	1	0	2000-04-02 15:15:52.5
6	2	1	0	2000-04-02 15:15:52.4
7	3	1	0	2000-04-02 15:15:52.4
8	3	1	0	2000-04-02 15:15:52.4
9	2	1	0	2000-04-02 15:15:52.4
10	2	1	0	2000-04-02 15:15:52.4

四、配置关键点:

无