

The configuration of HWPing on H3C 5600 switch

I Requirement for the diagram

1. There is HWPing test between two switches, and the test is the same as ping test. We will get the time which the packets spend transmitting between the source and destination via ICMP protocol.

II Network topology.

None

III Steps of configuration

1. enable HWPing client

<H3C> system-view

System View: return to User View with Ctrl+Z.

[H3C] hwping-agent enable

2. Create a HWPing test group, and the name of administrator is "administrator", and the label of test operation is "ICMP".

[H3C] hwping administrator icmp

3. Configure the type of test

[H3C-hwping-administrator-icmp] test-type icmp

4. Configure the destination ip 1.1.1.99

[H3C-hwping-administrator-icmp] destination-ip 1.1.1.99

5. Configure the number of sending packet

[H3C-hwping-administrator-icmp] count 10

6. Configure the timeout of test operation

[H3C-hwping-administrator-icmp] timeout 5

7. Start the test operation

[H3C-hwping-administrator-icmp] test-enable

IV Key notes in the configuration

1. Run "display" command to check the result.

[H3C-hwping-administrator-icmp] display hwping results administrator icmp

HWPing entry(admin administrator, tag icmp) test result:

Destination ip address:1.1.1.99

Send operation times: 10 Receive response times: 10

Min/Max/Average Round Trip Time: 2/5/2

Square-Sum of Round Trip Time: 66

Last complete test time: 2000-4-2 7:59:54.7

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

[H3C-hwping-administrator-icmp] display hwping history administrator icmp

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

Index	Response	Status	LasrRC	Time
1	1	1	0	2004-11-25 16:28:55.0
2	1	1	0	2004-11-25 16:28:55.0
3	1	1	0	2004-11-25 16:28:55.0
4	1	1	0	2004-11-25 16:28:55.0
5	1	1	0	2004-11-25 16:28:55.0
6	2	1	0	2004-11-25 16:28:55.0
7	1	1	0	2004-11-25 16:28:55.0
8	1	1	0	2004-11-25 16:28:55.0
9	1	1	0	2004-11-25 16:28:55.9
10	1	1	0	2004-11-25 16:28:55.9