dhcp静态地址绑定

组网及说明

pc-----switch（dhcp server）

static-bind ip-address 192.168.70.226 mask 255.255.255.0 hardware-address a483-e748-ffc1

用户绑定的地址是192.168.70.226，接口的地址是vlan-int10的地址192.168.68.1，掩码是255.255.252.0

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故障信息：

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\<H3C Swith\> display dhcp server ip-in-use

192.168.70.226   a483-e748-ffc1   Not used   Static(F)

*Jul 27 18:13:43:960 2021 H3C Swith DHCPS/7/EVENT: Receive a DHCPREQUEST message for 1
92.168.69.182 from Vlan-interface10; The server identifier is (none).

*Jul 27 18:13:43:960 2021 H3C Swith DHCPS/7/EVENT: Client was rebooted.

*Jul 27 18:13:43:961 2021 H3C Swith DHCPS/7/EVENT: Lease 192.168.70.226 does not match the network.

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*Jul 27 18:13:43:961 2021 H3C Swith DHCPS/7/EVENT: Failed to find the lease for 192.168.69.182.

*Jul 27 18:13:48:113 2021 H3C Swith DHCPS/7/PACKET:

From 0.0.0.0 port 68, interface Vlan-interface10

   Message type: REQUEST (1)

   Hardware type: 1, Hardware address length: 6

   Hops: 0, Transaction ID: 324161615

   Seconds: 8, Broadcast flag: 0

   Client IP address: 0.0.0.0   Your IP address: 0.0.0.0

   Server IP address: 0.0.0.0   Relay agent IP address: 0.0.0.0

   Client hardware address: a483-e748-ffc1

   Server host name: not configured

   Boot file name: not configured

   DHCP message type: DHCPDISCOVER (1)

*Jul 27 18:13:48:113 2021 H3C Swith DHCPS/7/EVENT: Receive a DHCPDISCOVER message from Vlan-interface10.

问题描述

故障信息：

这个提示是因为接口下地址和静态绑定的地址网段不不匹配导致的。

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用户绑定的地址是192.168.70.226，接口的地址是vlan-int10的地址192.168.68.1，掩码是255.255.252.0，

地址与掩码相与，再比较，匹配不上，没有使用这个静态绑定地址。

掩码的长度根据静态绑定的IP为准。

Eg：接口地址192.168.68.1/22 绑定IP 192.168.70.226/24 那么掩码的长度按照24来匹配，如果一样则认为网段匹配，否则不匹配。