

使用HCL中的H3C S5820V2-54QS-GE配置本地dot1x认证举例

H3C模拟器

802.1X

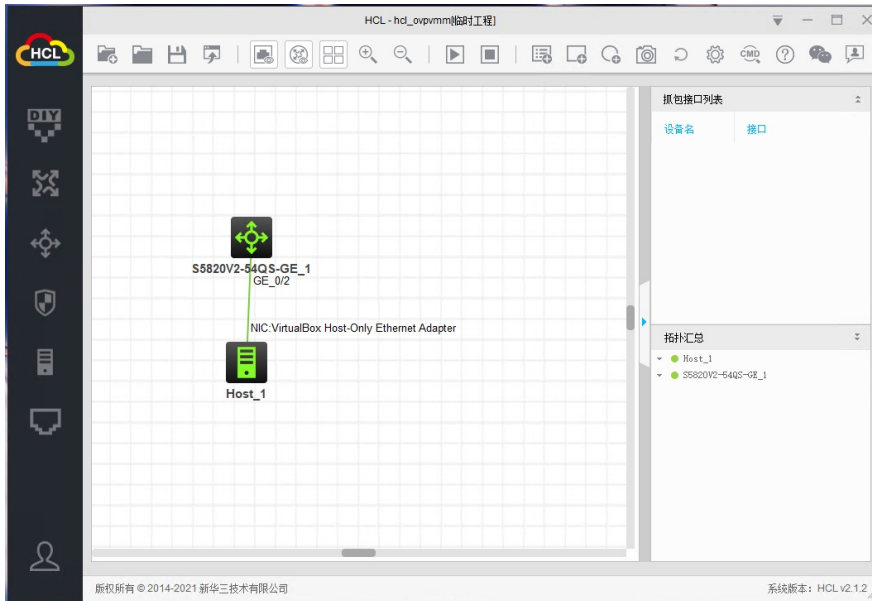
Xcheng

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组网及说明

使用终端桥接host模拟pc与交换机直连场景。

拓扑如下，交换机2号千兆接口与pc的vbox虚拟网卡直连。



配置步骤

#配置本地用户用于dot1x认证

```
<H3C>system-view
```

```
[H3C]local-user xcheng class network
```

New local user added.

```
[H3C-luser-network-xcheng]password h3c@123
```

```
[H3C-luser-network-xcheng]service-type lan-access
```

```
[H3C-luser-network-xcheng]quit
```

#开启dot1x认证

```
[H3C]dot1x
```

```
[H3C]interface g1/0/2
```

```
[H3C-GigabitEthernet1/0/2]dot1x
```

#配置交换机地址用于验证测试并保存配置

```
[H3C-GigabitEthernet1/0/2]quit
```

```
[H3C]interface Vlan-interface 1
```

```
[H3C-Vlan-interface1]ip address 192.168.56.2 24
```

```
[H3C-Vlan-interface1]save force
```

通过inode客户端验证



交换机侧确认

通过display dot1x sessions和display dot1x connection可看到用户在线情况

```

[H3C-Vlan-interface]display dot1x sessions
GigabitEthernet1/0/2 is link-up
  Online 802.1X users: 1
    MAC address      Auth state
配置关键点 0a00-2790-000a  Authenticated
[H3C-Vlan-interface]display dot1x con
[H3C-Vlan-interface]display dot1x connection
Slot ID: 1
User: MAC address: 0a00-2790-000a Configuration... Press CTRL_C or CTRL_D to break. 导致无法操作。
Access interface: GigabitEthernet1/0/2
Username: xcheng
Authentication domain: system
Known-answer test for GMAC passed.
Known-answer test for random number generator passed.
Known-Answer tests in the kernel passed.
Cryptographic Algorithms Known-Answer Tests passed.

Startup configuration file doesn't exist or is invalid.
Performing automatic configuration... Press CTRL_C or CTRL_D to break.

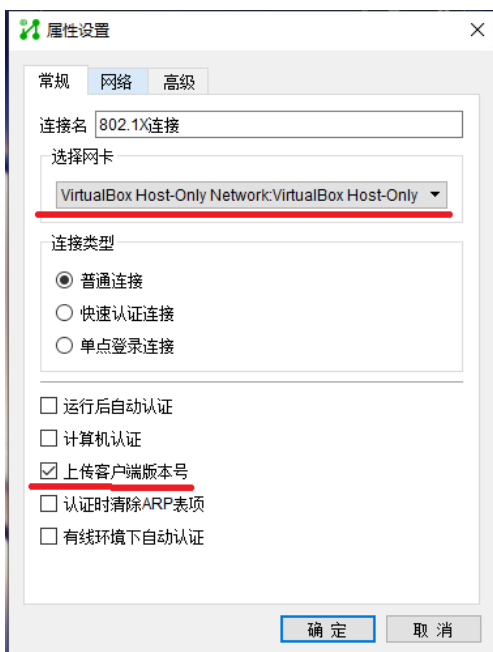
Automatic configuration attempt: 1.
Interface used: Vlan-interface1.
Enable DHCP client on Vlan-interface1.
Automatic configuration is aborted.
Line con0 is available.
[H3C-Vlan-interface]

```

二。inode提示等待重连。。。。/连接失败，请与管理员联系。



检查下inode中的802.1X属性设置，确认下选择的网卡是否需拓扑中匹配切没有勾选上传客户端版本号选项



三. 使用的客户端无802.1x认证模块

1. 可能是定制场景为添加

可在右下角 平台管理中编辑新的场景添加



2. 可能inode客户端在智能管理中心定制的时候未添加此模块，或者限制了用户自行编辑权限。这种情况只能更换inode客户端或者从新根据需要自行在inode智能管理中心定制，特别注意受限节点或者特殊定制版本客户请联系管理员处理。以免带来不必要的麻烦。
3. 单纯学习交流可使用附件中的windows版本全功能组件inode版本测试验证。

附件下载: iNodeSetup7.3 (E0548).zip