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V5交换机Console密码忘记处理方法

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1 配置需求或说明

1.1 适用产品系列

本案例适用于如 S3100V2-16TP-EI、S5008PV2-EI、S5120-28P-SI、MS4120-26TP 等的 V5 交换机，V5、V7 交换机具体分类及型号可以参考“1.1 Comware V5、V7平台交换机分类说明”。

1.2 配置需求及实现的效果

清除Console密码，恢复出厂

2 组网图

无

3 配置步骤

3.1 进入bootroom菜单清除Console密码

通过console线和crt软件连接并登陆设备，然后把设备断电重启。控制台上会打印如下信息，当出现“press Ctrl+B”的时候快速按住“Ctrl+B”进入botroom菜单

```
System is starting...
Press Ctrl+D to access BASIC-BOOTWARE MENU
Booting Normal Extend BootWare
The Extend BootWare is self-decompressing.....Done!
BootWare Validating...
Press Ctrl+B to enter extended boot menu...
BotWare password: Not required. Please press Enter to continue.
Password recovery capability is enabled.
Note: The current operating device is flash
Enter < Storage Device Operation > to select device.
```

按住“Ctrl+B”进入如下菜单。选择“<6> Skip Current System Configuration”跳过当前配置启动，不同设备可能不是数字6，

```
=====<EXTEND-
BOOTWARE MENU>=====
|<1> Boot System                               |
|<2> Enter Serial SubMenu                       |
```

```
|<3> Enter Ethernet SubMenu          |
|<4> File Control                     |
|<5> Restore to Factory Default Configuration |
|<6> Skip Current System Configuration |
|<7> BootWare Operation Menu         |
|<8> Clear Super Password            |
|<9> Storage Device Operation        |
|<0> Reboot                          |
=====
Ctrl+Z: Access EXTEND-ASSISTANT MENU
Ctrl+F: Format File System
Enter your choice(0-9): 6
Flag Set Success.
然后输入0重启设备
=====<EXTEND-
BOOTWARE MENU>=====
|<1> Boot System
|<2> Enter Serial SubMenu
|<3> Enter Ethernet SubMenu
|<4> File Control
|<5> Restore to Factory Default Configuration
|<6> Skip Current System Configuration
|<7> BootWare Operation Menu
|<8> Clear Super Password
|<9> Storage Device Operation
|<0> Reboot
=====
Ctrl+Z: Access EXTEND-ASSISTANT MENU
Ctrl+F: Format File System
Enter your choice(0-9): 0
System is starting...
Press ENTER to get started.
```

3.2 如果不需要之前的配置信息的话

操作步骤：跳过启动文件后直接保存当前配置，再重启。

<H3C>save

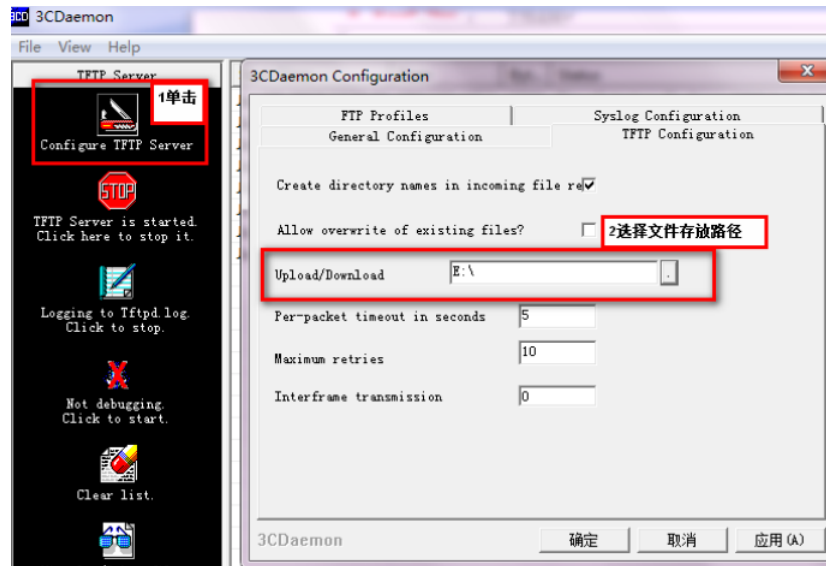
The current configuration will be written to the device. Are you sure? [Y/N]:y

```
Please input the file name(*.cfg)[flash:/startup.cfg]
(To leave the existing filename unchanged, press the enter key): (输入回车)
flash:/startup.cfg exists, overwrite? [Y/N]:y
Validating file. Please wait...
Configuration is saved to device successfully.
<H3C>reboot
Start to check configuration with next startup configuration file, please wait.....DC
Current configuration may be lost after the reboot, save current configuration? [Y/N]
This command will reboot the device. Continue? [Y/N]:y
```

3.3 如果需要之前的配置信息的话

```
<H3C>
#Apr 26 12:02:07:166 2000 H3C SHELL/4/LOGIN:
  Trap 1.3.6.1.4.1.25506.2.2.1.1.3.0.1<hh3cLogIn>: login from Console
%
Apr 26 12:02:07:306 2000 H3C SHELL/5/SHELL_LOGIN: Console logged in from
<H3C>dir %查看设备配置文件
Directory of flash:/

   1      drw-          -  Apr 26 2000 12:00:20  logfile
   2      -rw-         1666  Apr 26 2000 12:05:39  startup.cfg
   3      -rw-         1556  Apr 26 2000 12:05:33  _startup_bak.cfg
   4      -rw-          151  Apr 26 2000 12:05:30  system.xml
29106 KB total (16876 KB free)
给设备和电脑配置成同网段IP地址（举例：WAC配置成192.168.100.1，电脑配置成192.168.100.2），在电脑上通过3CD软件搭建tftp服务器。
```



```
<H3C>sys
```

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

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

```
[H3C-Vlan-interface1]ip address 192.168.100.1 24
```

```
[H3C-Vlan-interface1]quit
```

```
[H3C]ping 192.168.100.2
```

```
  PING 192.168.100.2: 56 data bytes, press CTRL_C to break
```

```
    Reply from 192.168.100.2: bytes=56 Sequence=1 ttl=128 time=7 ms
```

```
    Reply from 192.168.100.2: bytes=56 Sequence=2 ttl=128 time=2 ms
```

```
<H3C>tftp 192.168.100.2 put startup.cfg
```

```
File will be transferred in binary mode
```

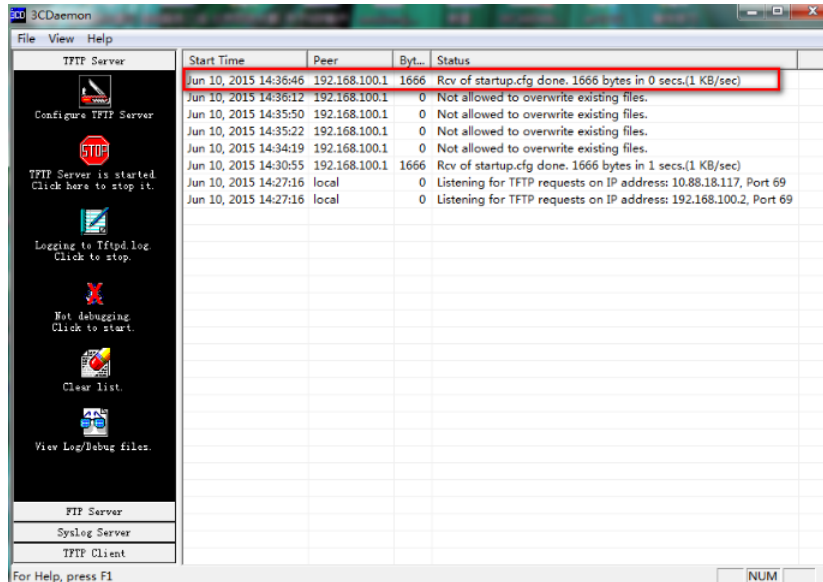
```
Sending file to remote TFTP server. Please wait... |
```

```
TFTP:      1666 bytes sent in 0 second(s).
```

```
File uploaded successfully.
```

```
<H3C>
```

下载成功:



可以到本地相关路径（此例子中是E盘）查看到相关文件。

需要恢复之前配置

解决方法：删除密码恢复之前配置文件

使用记事本打开startup.cfg文件

```
#
user-interface aux 0
 authentication-mode password
 set authentication password cipher $c$3
 $e0wip+p/tRA8N3EqNk4ZBycpF8thpEEb4A==
user-interface vty 0 15
#
```

删除aux0口下的认证方式和密码并保存文件

```
#
user-interface aux 0
user-interface vty 0 15
#
return
```

覆盖当前配置文件

```
<H3C>tftp 192.168.100.20 get startup.cfg
```

The file startup.cfg exists. Overwrite it? [Y/N]:y

Verifying server file...

Deleting the old file, please wait...

...

File will be transferred in binary mode

Downloading file from remote TFTP server, please wait....

TFTP: 1166 bytes received in 0 second(s)

File downloaded successfully.

```
<H3C>reboot
```

Start to check configuration with next startup configuration file, please

Current configuration may be lost after the reboot, save current configur

保存配置

This command will reboot the device. Continue? [Y/N]:y 确定继续重启