

知 S7000/S7500E/10500系列交换机使用XModem协议升级软件版本方法 (V5)

软件问题 闫宁 2019-12-23 发表

组网及说明

1 配置需求或说明

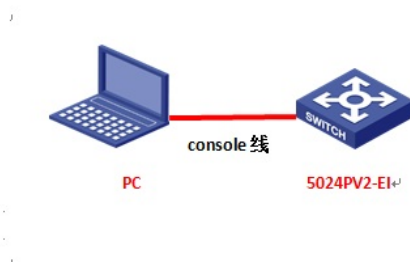
1.1 适用产品系列

本案例适用于如S7006、S7503E、S7506E、S7606、S10510、S10508等S7000、S7500E、S10500系列，且软件版本是V5的交换机 本文以S5024PV2-EI为例。

1.2 配置需求及实现的效果

由于现场没有网线，PC和S5024PV2-EI只能使用串口线连接交换机的console互联，交换机版本丢失，使用串口线导入S5024PV2-EI的软件版本。

2 组网图



配置步骤

3 配置步骤

3.1 升级前准备

在官网下载S5024PV2-EI对应型号的软件版本，点击“产品支持于服务”---“软件下载”---“交换机”，找到对应型号的软件版本进行下载，下载账号yx800，密码01230123



3.2 重启后按Ctrl+B进入bootrom界面

重启的时候按住Ctrl+B进入设备的bootrom菜单，以下标黑部分为设备自动打印部分，标红加粗的命令是需要手动操作

```
System is starting...
Press Ctrl+D to access BASIC-BOOTWARE MENU
Booting Normal Extend BootWare
The Extend BootWare is self-decompressing.....Done!
*****
*
*      H3C S5024PV2-EI BootWare, Version 1.22      *
*
*****
Copyright (c) 2004-2017 New H3C Technologies Co., Ltd.
```

```
Compiled Date   : Apr 14 2017 15:05:19
CPU Type       : MIPS4kec
CPU L1 Cache   : 16KB
CPU Clock Speed : 500MHz
Memory Type    : DDR3 SDRAM
Memory Size    : 128MB
Memory Speed   : 300MHz
BootWare Size  : 3MB
```

Flash Size : 32MB

BootWare Validating...

Press Ctrl+B to enter extended boot menu... //按Ctrl+B

BootWare password: Not required. Please press Enter to continue. //按ENTER

```
=====<EXTEND-BOOTWAREMENU>=====
|<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

Ctrl+C: Display Copyright

Enter your choice(0-9): 2 //选择2进入串口菜单

```
=====<Enter Serial SubMenu>=====
|Note:the operating device is flash |
|<1> Download Application Program To SDRAM And Run |
|<2> Update Main Application File |
|<3> Update Backup Application File |
|<4> Update Secure Application File |
|<5> Modify Serial Interface Parameter |
|<0> Exit To Main Menu |
=====
```

Enter your choice(0-5): 5 //选择5修改串口参数

```
=====<BAUDRATESET>=====
|Note:**indicates the current baudrate |
| Change The HyperTerminal's Baudrate Accordingly |
|-----<Baudrate Available>-----|
|<1> 9600(Default)* |
|<2>19200 |
|<3>38400 |
|<4>57600 |
|<5>115200 |
|<0> Exit |
=====
```

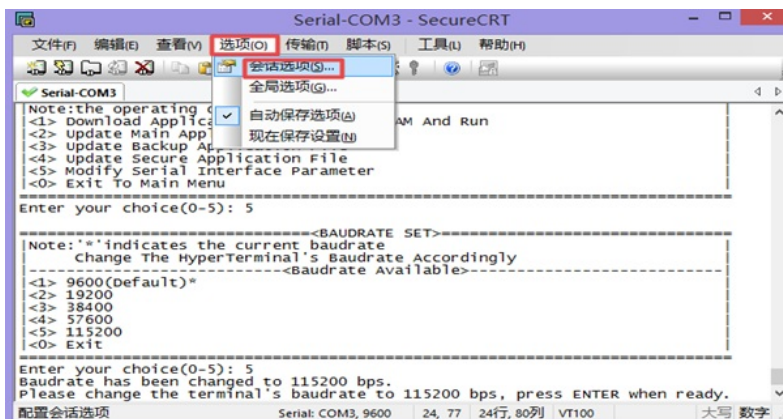
Enter your choice(0-5): 5 //选择5更换115200波特率

Baudrate has been changed to 115200 bps.

Please change the terminal's baudrate to 115200 bps, press ENTER when read

3.3 修改管理软件波特率

修改管理软件波特率波特率为115200,保持设备和管理软件波特率一致,点击“选项”——“会话选项”





重新进入到bootrom界面，按0返回上级页面

```

=====<BAUDRATESET>=====
|Note: "*" indicates the current baudrate
| Change The HyperTerminal's Baudrate Accordingly
|-----<Baudrate Available>-----|
|<1> 9600(Default)
|<2> 19200
|<3> 38400
|<4> 57600
|<5> 115200*
|<0> Exit
  
```

Enter your choice(0-5): 0 //选择0返回上一级

3.4 传输软件版本

```

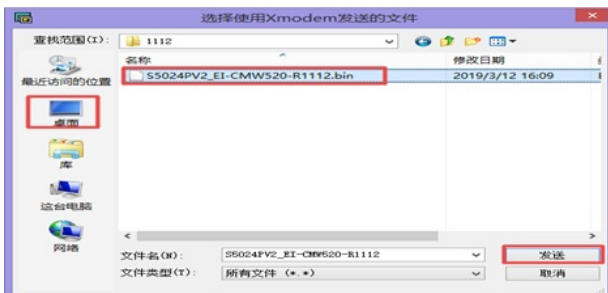
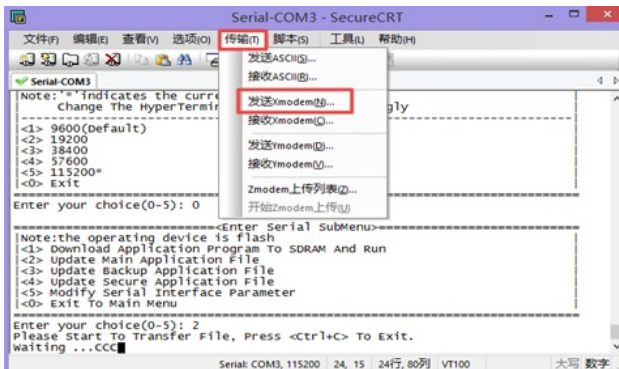
=====<Enter Serial SubMenu>=====
|Note:the operating device is flash
|<1> Download Application Program To SDRAM And Run
|<2> Update Main Application File
|<3> Update Backup Application File
|<4> Update Secure Application File
|<5> Modify Serial Interface Parameter
|<0> Exit To Main Menu
  
```

Enter your choice(0-5): 2 //选择2上传版本

Please Start To Transfer File, Press <Ctrl+C> To Exit.

Waiting ...CCCCCCCCCCCCCCCCCCCCCCCC

点击管理软件中的“传输-“发送Xmodem”，选中版本存放路径



等待版本传输完成，按“0” 退回上级目录

```
Enter your choice(0-5): 2
Please Start To Transfer File, Press <Ctrl+C> To Exit.
Waiting ...CCCCCCCCCCCCCCCCCCCCCCCC
开始 xmodem 传输。 按 Ctrl+C 取消。
100% 12356 KB 6 KB/s 00:32:03 0 Errors
```

```
=====<Enter Serial SubMenu>=====
|Note:the operating device is flash |
|<1> Download Application Program To SDRAM And Run |
|<2> Update Main Application File |
|<3> Update Backup Application File |
|<4> Update Secure Application File |
|<5> Modify Serial Interface Parameter |
|<0> Exit To Main Menu |
```

Enter your choice(0-5): 0 //选0返回上一级

```
=====<EXTEND-BOOTWAREMENU>=====
|<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

Ctrl+C: Display Copyright

Enter your choice(0-9): 0 //选0重启

4 实验结果验证

重启后进入命令行，输入dis version查看升级后版本

```
<H3C>dis version
```

```
H3C Comware Platform Software
```

```
Comware Software, Version 5.20.99, Release 1111
```

```
Copyright (c) 2004-2017 New H3C Technologies Co., Ltd. All rights reserved.
```

```
H3C S5024PV2-EI uptime is 0 week, 0 day, 0 hour, 0 minute
```

配置关键点

5注意事项

- 1、使用XMODE方式传输文件较慢，不推荐此种方式升级，建议使用网线传输文件，使用网线传输操作步骤请参考4.1章节“V5交换机软件升级办法（命令行版）”案例。