

IX3000产品如何升级IOP Bootrom软件

一、组网需求:

无

二、组网图:

无

三、配置步骤:

此案例适用于IX3000 V6.00 Build6083E01版本及之前的所有版本。

1、硬件连接

个人PC机串口与IOP的管理串口连接, PC机网口连接管理口。

2、升级过程

(1) 打开超级终端, 将PC串口的波特率修改为115200。(具体的串口参数配置:

每秒位数: 115200, 数据位: 8, 奇偶校验: 无, 停止位: 1, 数据流控制: 无

(2) 按SC控制器的开关机电源按钮进行系统断电, 然后重新上电启动系统。在系统重启过程中, 观察与IOP串口连接的超级终端。在出现下面的界面时敲入Ctrl+B。

Ethernet eth0: MAC address 00:0f:e2:54:c7:f6  
IP: 68.1.1.103/255.255.255.0, Gateway: 66.1.94.1  
Default server: 68.1.1.103, DNS server IP: 0.0.0.0  
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H3C IX3000 IOP BootWare , Ver S3PE01-R0003  
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CPU Clock Speed : 1200MHz

Memory Size : 1024MB

Memory Speed : 533MHz

BootWare Size : 512KB

Flash Size : 32MB

CPLD Version is S3PE03-R002

HardWare Version is VER.B

(3) 按提示依此输入5, 2, 1, 及文件名和IP地址。

=====  
=====<BOOTWARE MENU>=====

- | <1> Boot Application Program
- | <2> Enter Serial SubMenu
- | <3> Enter Ethernet SubMenu
- | <4> File Control
- | <5> BootWare Operation Menu

=====  
Enter your choice(0-5):5

=====  
=====<BOOTWARE OPERATION>=====

- | <1> Update BootWare Through Serial
- | <2> Update BootWare Through Ethernet
- | <3> Modify BootWare Password
- | <4> Enable or Disable BootWare Supper Password
- | <0> Exit To Main Menu

=====  
Enter your choice(0-4):2

=====  
=====<BOOTWARE OPERATION ETHERNET SUB-MENU>=====

- | <1> Update BootWare
- | <2> Modify Ethernet Parameter
- | <0> Exit To Main Menu

=====  
Enter your choice(0-2):1

Protocol (TFTP) : tftp  
Load File Name : b.app IX3000-S3PE01-R0000P01.BIN  
Server IP Address : 192.168.0.125 192.168.0.100 (TFTP Server IP地址)  
Local IP Address : 192.168.0.5 192.168.0.10 (eth0 IP地址)

Local IP Address Mask : 255.255.255.0

Gateway IP Address : 0.0.0.0

=====

Are you sure you want to download file to flash? Yes or No(Y/N) y

Raw file loaded 0x00800000-0x0084017f, assumed entry at 0x00800000

File already exists. Overwrite it? Yes or No(Y/N):y

... Erase from 0xf0200000-0xf0280000: ....

... Program from 0x00800180-0x00880180 at 0xf0200000: ....

=====<BOOTWARE OPERATION ETHERNET SUB-MENU>=====

=

| <1> Update BootWare

| <2> Modify Ethernet Parameter

| <0> Exit To Main Menu

=====

Enter your choice(0-2):

(4) 升级完成后请重启系统。

#### 四、配置关键点:

IOP Bootrom是SC控制器IOP单板上的启动程序, 如果升级不成功可以重复升级。