T1000系列从古老版本升级到最新版本

在IPS从古老的版本升级到较新版本时候，例如从A1206这种古老版本升级到B1213P02版本时，由于数据结构、甚至硬件结构都不相同，导致无法顺畅升级成功。

　　IPS的正常升级操作是在WEB上进行，但在从旧版本(B1211P01之前版本，包含一些Axxxx版本)升级到最新的版本时，由于数据库结构不同，导致在WEB上上传版本后提示文件不存在。针对此类问题，需要在bootrom下进行升级操作。

【注意】

1，升级前请备份License，系统管理-->License文件管理-->文件操作

2，跨度较大的版本升级**后**，请进行恢复出厂设置的操作，然后重新配置

Bootrom升级操作方法

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==========================<EXTEND-BOOTWARE MENU>=======================
===
|<1> Boot System                               |
|<2> Enter Serial SubMenu                        |
|<3> Enter Ethernet SubMenu                       |
|<4> File Control                          |
|<5> Modify BootWare Password                        |
|<6> Skip Current System Configuration                 |
|<7> BootWare Operation Menu                      |
|<8> Clear Super Password                      |
|<9> Storage Device Operation                   |
|<0> Reboot                           |
======================================================================
Enter your choice(0-9): 3        //进入以太网配置子菜单


=======================<Enter Ethernet SubMenu>========================
|Note:the operating device is cfa0                 |
|<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 Ethernet Parameter                  |
|<0> Exit To Main Menu                     |
|<Ensure The Parameter Be Modified Before Downloading!>      |
======================================================================
Enter your choice(0-5): 5        //更改以太网参数


========================<ETHERNET PARAMETER SET>=====================
==
|Note:     '.' = Clear field.                 |
|         '-' = Go to previous field.               |
|      Ctrl+D = Quit.                    |
======================================================================
Protocol (FTP or TFTP) :tftp
Load File Name        :SecPathT1000S-IMW110-B1209.bin
              :SecPathT1000S-IMW110-B1213P02.bin            //源文件名字
Target File Name      :SecPathT1000S-IMW110-B1209.bin
              :SecPathT1000S-IMW110-B1213P02.bin            //目标文件名字
Server IP Address    :1.1.1.2                          //服务器IP地址
Local IP Address     :1.1.1.1                          //为IPS配置的地址
Gateway IP Address    :0.0.0.0
FTP User Name        :user
FTP User Password     :password


=======================<Enter Ethernet SubMenu>========================
|Note:the operating device is cfa0                 |
|<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 Ethernet Parameter                               |
|<0> Exit To Main Menu                                       |
|<Ensure The Parameter Be Modified Before Downloading!>           |
==============================================================================
Enter your choice(0-5): 2                    //选择2，更新主文件
Loading...............................................................

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.............................................................Done!
30364752 bytes downloaded!              //下载完成
Updating File cfa0:/SecPathT1000S-IMW110-B1213P02.bin.......................

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........Done!                               //文件更新完成


=========================<Enter Ethernet SubMenu>=========================
|Note:the operating device is cfa0                          |
|<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 Ethernet Parameter                               |
|<0> Exit To Main Menu                                       |
|<Ensure The Parameter Be Modified Before Downloading!>           |
==============================================================================
Enter your choice(0-5): 0


=========================<EXTEND-BOOTWARE MENU>========================
===
|<1> Boot System                                            |
|<2> Enter Serial SubMenu                                    |
|<3> Enter Ethernet SubMenu                                  |
|<4> File Control                                           |
|<5> Modify BootWare Password                                |
|<6> Skip Current System Configuration                       |
|<7> BootWare Operation Menu                                 |
|<8> Clear Super Password                                    |
|<9> Storage Device Operation                                |
|<0> Reboot                                                 |
==============================================================================
Enter your choice(0-9): 4


=============================<File CONTROL>===========================
```

```
|Note:the operating device is cfa0                          |
|<1> Display All File(s)                          |
|<2> Set Application File type                       |
|<3> Set Configuration File type                     |
|<4> Delete File                            |
|<0> Exit To Main Menu                          |
==============================================================================
Enter your choice(0-4): 1


Display all file(s) in cfa0:
 'M' = MAIN     'B' = BACKUP     'S' = SECURE     'N/A' = NOT ASSIGNED
==============================================================================
|NO. Size(B)  Time           Type  Name               |
|1  30364752  Oct/27/2008 18:50:56 M     cfa0:/secpatht1000s-imw110~001  |
|2  787456   Oct/26/2008 05:03:58 N/A   cfa0:/upgrade_package/pack~002  |
|3  2106128  Oct/26/2008 04:02:14 N/A   cfa0:/upgrade_package/av/p~003  |
|4  1998384  Jul/26/2008 01:05:06 N/A   cfa0:/upgrade_package/av/p~004  |
|5  907456   Jul/30/2008 04:03:52 N/A   cfa0:/upgrade_package/pack~005  |
==============================================================================


============================<File CONTROL>============================
|Note:the operating device is cfa0                     |
|<1> Display All File(s)                      |
|<2> Set Application File type                    |
|<3> Set Configuration File type                  |
|<4> Delete File                         |
|<0> Exit To Main Menu                       |
==============================================================================
Enter your choice(0-4): 0


=========================<EXTEND-BOOTWARE MENU>=======================
===
|<1> Boot System                        |
|<2> Enter Serial SubMenu                    |
|<3> Enter Ethernet SubMenu                   |
|<4> File Control                      |
|<5> Modify BootWare Password                  |
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|<0> Reboot                        |
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Enter your choice(0-9): 3


=========================<Enter Ethernet SubMenu>=========================
|Note:the operating device is cfa0                     |
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|<4> Update Secure Application File               |
|<5> Modify Ethernet Parameter                  |
|<0> Exit To Main Menu                      |
|<Ensure The Parameter Be Modified Before Downloading!>        |
==============================================================================
Enter your choice(0-5): 1
Loading...............................................................
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..................................................................Done!
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30364752 bytes downloaded!

The App file is self-decompressing...

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INIT: version 2.85 booting

Configuring kernel parameters: [OK]

Setting clock: [OK]

Setting hostname localhost.localdomain: [OK]

Checking filesystems:[OK]

Mounting local filesystems: [OK]

Enabling swap space: [OK]

Starting Distributor: [OK]

Starting fs: [OK]

Starting os wd: [OK]

Starting drv_after_kern: [OK]

Starting ifkmod: [OK]

Starting os modules: [OK]

Starting drv_mknod: [OK]

Starting zebra: [OK]

Starting dbinit: [OK]

Starting MySQL [OK]

Starting db_upgrade: [OK]

Starting if: [OK]

Starting equip: [OK]

Starting syslog: RTNETLINK answers: File exists

RTNETLINK answers: No such process

[OK]

Starting kernel modules: [OK]

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Starting cdevnod: [  OK  ]
Starting cfginit: [  OK  ]
Starting port: [  OK  ]
Starting portinit: [  OK  ]
Starting seg: [  OK  ]
Starting session: [  OK  ]
Starting synfld: [  OK  ]
Starting nass: [  OK  ]
Starting uaae: [  OK  ]
Starting userm: [  OK  ]
Starting blist: [  OK  ]
Starting sied: [  OK  ]
Starting netstream: [  OK  ]
Starting msp: [  OK  ]
Starting ddos: [  OK  ]
Starting sarc: [  OK  ]
Starting ucif: [  OK  ]
Starting ucif upgrade: [  OK  ]
Starting plug: [  OK  ]
Starting sarc_export: [  OK  ]
Starting drv_after_data:
[  OK  ]
Starting useridt: [  OK  ]
Starting ifmd: [  OK  ]
Starting route: [  OK  ]
Starting ifsynd: [  OK  ]
Starting datalogd: [  OK  ]
Starting timer: [  OK  ]
Starting devmd: [  OK  ]
Starting snmpd: [  OK  ]
Starting maild: [  OK  ]
Starting l2fbd: [  OK  ]
Starting httpd: [  OK  ]
Starting acseic-daemon: [  OK  ]
Starting rifmond: [  OK  ]
Starting acfpclientd: [  OK  ]
Starting ptrace_daemon: [  OK  ]
Starting paf_init_aaa: [  OK  ]
Starting session_go: [  OK  ]
Starting led: [  OK  ]
Starting monit: [  OK  ]
Starting layer1close: [  OK  ]
Starting aaa_daemon: aaa was disabled, exit...
[  OK  ]
Starting ramdb2disk: [  OK  ]
Starting drv_system_up: [  OK  ]
Starting vtysh:

Hello, this is H3C SecPath T1000-S's console.


Password:
Password:
Password:
<H3C>dis ver
 H3C i-Ware Platform Software
 i-Ware software, Version 1.00, Beta 1213P02
 Signature base, Version  IPS 1.2.13, AV_SS 1.1.12
 Copyright (c) 2004-2008 Hangzhou H3C Technology Co., Ltd. All rights reserved.
 Without the owner's prior written consent, no decompiling nor reverse-engineering shall be allowed.
 SecPath T1000-S Uptime is 0 week(s), 0 day(s), 00 hour(s), 03 minute(s)

 CPU type:  RMI XLR716
 Flash Memory: 4M bytes
```

CF card Memory: 999M bytes

Pcb   Version:Ver.A
CPLD   Version:2.0
BASIC BOOTWARE Version:1.03
EXTEND BOOTWARE Version:1.03
[SLOT 0] 2MGE+4GE   (hardware)Ver.A, (Driver)NONE,   (Cpld)2.0
[SLOT 1] GX4C   (hardware)Ver.A, (Driver)NONE,   (Cpld)NONE
<H3C>sy
<H3C>system-view
[H3C]
[H3C]