

## 知 MSR5620 识别不到U盘导致配置文件无法导出

U盘启动 王子腾 2022-10-27 发表

### 问题描述

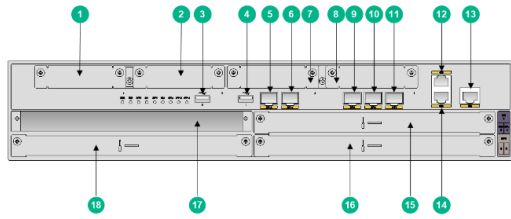
MSR5620无法启动，配置文件没有备份。考虑在bootware界面将配置文件copy到U盘中，但是目前识别不到U盘。

## 过程分析

1、查询产品手册，MSR5620是有USB插槽的，支持U盘接入。

### 1.1.1 MSR5620

图1-1 MSR5620前视图



1: SIC接口模块插槽4	2: SIC接口模块插槽3	3: USB插槽0
4: USB插槽1	5: SFP+接口3	6: SFP+接口4
7: SIC接口模块插槽2	8: SIC接口模块插槽1	9: 以太网光口SFP0
10: 以太网光口SFP1	11: 以太网光口SFP2	12: 以太网电口GE1
13: 以太网电口GE2	14: 以太网电口GE0	15: MPU-60主控板插槽1
16: HMIM卡插槽5	17: MPU-60主控板插槽0	18: HMIM卡插槽6

2、查看现场的操作步骤，也是正确的。

#### 1) 输入CTRL+B进入boot ware菜单

```
RAM test successful.
Press Ctrl+T to start five-step full RAM test...
Press Ctrl+Y to start nine-step full RAM test...
System is starting...
Press Ctrl+D to access BASIC-BOOTWARE MENU...
Booting Normal Extended BootWare
The Extended BootWare is self-decompressing.....
.....Done.
```

```
*****
*                               *
*           BootWare, Version 1.03           *
*                               *
*****
```

```
Compiled Date   : Nov 8 2017, 15:30:05
CPU Type        : bcm_arm
CPU Clock Speed : 1000MHz
Memory Type     : DDR3 SDRAM
Memory Size     : 2048MB
Memory Speed    : 750MHz
Flash Size      : 1024MB
BASIC CPLD Version : 001
EXTENDED CPLD Version : 001
PCB Version     : Ver.A
```

BootWare Validating...

Press Ctrl+B to access EXTENDED-BOOTWARE MENU...

```
Password recovery capability is enabled.
Note: The current operating device is flash
Enter < Storage Device Operation > to select device.
```

#### 2) 输入4进入File Control

```
===== <EXTENDED-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> Skip Authentication for Console Login  |
|<9> Storage Device Operation          |
```

解决方法

将U盘格式修改为FAT32。

```
=====
Ctrl+Z: Access EXTENDED ASSISTANT MENU
Ctrl+F: Format File System
Ctrl+C: Display Copyright
Enter your choice(0-9): 4
```

### 3) 输入5 复制文件

```
=====<File CONTROL>=====
|Note:the operating device is flash      |
|<1> Display All File(s)                 |
|<2> Set Image File type                 |
|<3> Set Bin File type                   |
|<4> Delete File                         |
|<5> Copy File                           |
|<0> Exit To Main Menu                   |
=====
Enter your choice(0-5): 5
```

### 4) 选择要复制的文件

'M' = MAIN 'B' = BACKUP 'N/A' = NOT ASSIGNED

```
=====
|NO. Size(B) Time          Type Name          |
|8 4738 Jan/01/2011 00:47:20 M flash:/startup.cfg |
```

Enter file No.:8

The selected file is :flash:/startup.cfg

### 5) 选择要复制的设备，可以看到确实识别不到U盘，只能看到设备的flash

Choose copy dest device :

```
=====
|NO. Device Name File System Total Size Available Space |
|1 flash YAFFS2 1048576KB 839862KB |
|0 Exit |
```

Enter your choice(0-1):0

3、跟现场沟通，反馈U盘是ntfs格式的，接口2.0。于是找到了问题所在，U盘格式需是FAT32格式，接口2.0及以上。

4、将U盘格式话，修改为FAT32，可以正常识别并成功导出配置文件。

