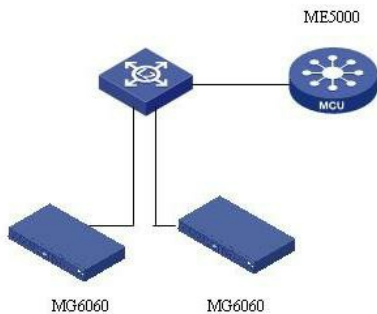


MG6060无法重启问题处理

一、组网:



二、问题描述:

最近从供应链拿来的一批MG6060设备, 有些存在使用Apache升级至E5217版本后重启设备, 图象静止在黑屏状态, 无法出现图象菜单, 设备不能正常工作, 或者某些设备重启时间较长, 概率出现不能重启情况。

三、过程分析:

无

四、解决方法:

使用CON线查看MG6060重启信息:

设置SecureCRT的Baud rate为57600, 连接CON线至MG6060的RS-232接口, 重启MG6060, 会跳出启动信息。

Boot Loader-1.1.0- H3C- 2007R1 (Apr 5 2007 - 18:59:15)

CPU : ADSP BF561

Device: Multimedia Gateway 6060 - H3C

Support: <http://www.h3c.com.cn/>

Clock: VCO: 594 MHz, Core: 594 MHz, System: 118 MHz

Memory Test...

Memory Test OK.

SDRAM: 64 MB

FLASH: 16 MB

Using default environment

注意:

蓝色字体表示U-BOOT信息, Apr 5 2007是与E5217版本配合有问题的U-BOOT版本。会出现重启不能成功的故障。

处理方法:

步骤一

使用RS-232接口, 重启MG6060, 即刻按ENTER键, 进入H3C>视图, 使用sysinfo命令查看设备信息:

H3C> sysinfo

Boot Loader-1.1.0- H3C- 2007R1 (Jun 20 2007 - 08:42:05)

CPU : ADSP BF561

Device: Multimedia Gateway - H3C

Support: <http://www.h3c.com.cn/>

Clock: VCO: 594 MHz, Core: 594 MHz, System: 118 MHz

SDRAM: 64 MB

FLASH: 16 MB

Ethernet Network:

MAC Address: 00:0F:E2:2E:86:2E

IP Address : 1.1.1.3

Server IP : 1.1.1.10

Gateway IP : 192.168.41.1

NetMask : 255.255.255.0

步骤二

修改IP地址和升级服务器地址:

```
H3C> config ipaddr 1.1.1.4
```

```
Protect off 20040000 ... 2005FFFF
```

.

```
Erasing Flash...
```

.

```
done
```

```
Writing to Flash...
```

```
done
```

.

```
H3C> config serverip 1.1.1.10
```

```
Protect off 20040000 ... 2005FFFF
```

.

```
Erasing Flash...
```

.

```
done
```

```
Writing to Flash...
```

```
done
```

.

步骤三

启用TFTP服务, 将MG6060的E5217版本放在升级目录里, 注意起用TFTP的计算机IP地址要与前面设置的serverip地址对应。

步骤四

升级U-BOOT:

```
H3C> update MG_Boot
```

```
TFTP from server 1.1.1.10; our IP address is 1.1.1.4
```

```
Filename 'MG_Boot'.
```

```
Load address: 0x1000000
```

```
Loading: . Receive ARP Reply Packet!
```

```
Send UDP Request(ICMP or TFTP) Packet!
```

```
Receive ARP Reply Packet!
```

```
.....
```

```
Receive bytes: 107620,0x1a464
```

```
done
```

```
Bytes transferred = 107620 (1a464 hex)
```

```
Unlock flash ...
```

```
Erase flash ...
```

```
done
```

```
Write flash ..
```

步骤五

升级版本至E5217:

```
H3C> update all
```

```
TFTP from server 1.1.1.10; our IP address is 1.1.1.4
```

```
Filename 'MG_Version'.
```

```
Load address: 0x1000000
```

```
Loading: . Receive ARP Reply Packet!
```

```
Send UDP Request(ICMP or TFTP) Packet!
```

```
Receive ARP Reply Packet!
```

.

步骤六

重启设备解决问题。