ACG如何进入menuBoot界面格式化硬盘

ACG1000　　李瑞　3天前 发表

组网及说明

不涉及

告警信息

不涉及

问题描述

RT

过程分析

1. PC接console设置波特率9600，登录acg后台

2. en进入#视图，敲reboot 重启设备

```
H3C-ACG111>
H3C-ACG111>
H3C-ACG111> en
H3C-ACG111# reboot
Save current configuration? Please enter "y/n"  to confirm:  y
Building configuration...

Save configuration ok !
```

3. 设备启动过程中CTRL+C进入menuboot界面

```
Net:   octmgmt0, octmgmt1, octeth0, octeth1, octeth2, octeth3, octeth4, octeth5, octeth6, octeth7
Bus 0: OK
  Device 0: Model: SMI MODEL Firm: 20111006 Ser#: 20090410    00000492
            Type: Removable Hard Disk
            Capacity: 967.6 MB = 0.9 GB (1981728 x 512)
SATA#0
      (No RDY)
SATA#1
      (3.0 Gbps)
USB:   USB EHCI 1.00
scanning bus for devices... 1 USB Device(s) found
Type the command 'usb start' to scan for USB storage devices.

Press Ctrl+C to enter menuboot:  3
reading menuboot
Reading data: |...................| 100%

39908560 bytes read
argv[2]: console=ttyS0,9600
argv[3]: numcores=2
argv[4]: quiet
Allocating memory for ELF segment: addr: 0xffffffff80100000 (adjusted to: 0x100000), size 0x275c0c0
## Loading big-endian Linux kernel with entry point: 0xffffffff80671090 ...
Bootloader: Done loading app on coremask: 0x3
Starting cores 0x3
/sbin/rc starting
Mounting file systems
Setting up loopback
CVMX_SHARED: 0x10b30000-0x11070000
Active coremask = 0x3
Interface 0 has 4 ports (SGMII)
Interface 1 has 4 ports (SGMII)
Interface 2 has 4 ports (NPI)
Interface 3 has 4 ports (LOOP)
ge0 MAC address is : 3c:8c:40:4d:fa:b8
ge1 MAC address is : 3c:8c:40:4d:fa:b9
ge2 MAC address is : 3c:8c:40:4d:fa:ba
ge3 MAC address is : 3c:8c:40:4d:fa:bb


=== START OF ENABLE/DISABLE COMMANDS SECTION ===
SMART Enabled.

hard disk check success
No need to format the hard disk.
mount hard disk success.
2024-11-01 11:04:43:ge0 link change to UP !
mount cf card success.
******** Please use the interface to communicate ge0********

          ==============================================================
          |               BOOT MENU(V4.0-20151124)                     |
          | 1. Upgrade image by FTP.                                   |
          | 2. Upgrade menuboot by FTP.                                |
          | 3. Check and repare file system.                          |
          | 4. Reset administrator passowrd.                          |
          | 5. Producing test.                                        |
          | 6. Aging test.                                            |
          | 7. Display production and aging recored.                  |
          | 8. Advance functions.                                     |
          | 0. Reboot.                                                 |
          |                                                            |
          ==============================================================
```

4. 选8，输入密码见下方的红框（密码不带括号）

```
=============================================================
|                  BOOT MENU(V4.0-20151124)                  |
|   1. Upgrade image by FTP.                                  |
|   2. Upgrade menuboot by FTP.                               |
|   3. Check and repare file system.                          |
|   4. Reset administrator passowrd.                          |
|   5. Producing test.                                        |
|   6. Aging test.                                            |
|   7. Display production and aging recored.                  |
|   8. Advance functions.                                     |
|   0. Reboot.                                                |
|                                                             |
=============================================================

Please input your choice[0-8]:8
Advance Password:
        ***********************************************************
        *                                                         *
        *               ADVANCE FUNCTION MENU:                    *
        *   1. Clear current configure file.                      *
        *   2. Clear all files in flash card.                     *
        *   3. Configure control plane memory.                    *
        *   4. Format the Hard Disk.                              *
        *   5. Input software serial number.                      *
        *   6. Input hardware serial number.                      *
        *   7. Input device macbase.                              *
        *   8. Restore factory settings.                          *
        *   e. Exit.                                              *
        *                                                         *
        ***********************************************************

Please input your choice[1-e]:4
smartctl 6.1 2013-03-16 r3800 [mips64-linux-3.10.56-rt50-Cavium-Octeon+] (local build)
Copyright (C) 2002-13, Bruce Allen, Christian Franke, www.smartmontools.org

=== START OF ENABLE/DISABLE COMMANDS SECTION ===
```

5. 选4，格式化disk

```
Please input your choice[0-8]:8
Advance Password:
        ***********************************************************
        *                                                         *
        *               ADVANCE FUNCTION MENU:                    *
        *   1. Clear current configure file.                      *
        *   2. Clear all files in flash card.                     *
        *   3. Configure control plane memory.                    *
        *   4. Format the Hard Disk.                              *
        *   5. Input software serial number.                      *
        *   6. Input hardware serial number.                      *
        *   7. Input device macbase.                              *
        *   8. Restore factory settings.                          *
        *   e. Exit.                                              *
        *                                                         *
        ***********************************************************

Please input your choice[1-e]:4
smartctl 6.1 2013-03-16 r3800 [mips64-linux-3.10.56-rt50-Cavium-Octeon+] (local build)
Copyright (C) 2002-13, Bruce Allen, Christian Franke, www.smartmontools.org

=== START OF ENABLE/DISABLE COMMANDS SECTION ===
SMART Enabled.

hard disk check success
====Do you want to reformat hard disk[Y/N]?==y
The number of cylinders for this disk is set to 60801.
There is nothing wrong with that, but this is larger than 1024,
and could in certain setups cause problems with:
1) software that runs at boot time (e.g., old versions of LILO)
2) booting and partitioning software from other OSs
   (e.g., DOS FDISK, OS/2 FDISK)

Command (m for help):
Disk /dev/sda: 500.1 GB, 500107862016 bytes
255 heads, 63 sectors/track, 60801 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
```

6. 退出到主菜单重启

```
Please input your choice[1-e]:0

        **********************************************************
        *                                                        *
        *                ADVANCE FUNCTION MENU:                   *
        *  1. Clear current configure file.                       *
        *  2. Clear all files in flash card.                      *
        *  3. Configure control plane memory.                     *
        *  4. Format the Hard Disk.                               *
        *  5. Input software serial number.                       *
        *  6. Input hardware serial number.                       *
        *  7. Input device macbase.                               *
        *  8. Restore factory settings.                           *
        *  e. Exit.                                               *
        *                                                        *
        **********************************************************

Please input your choice[1-e]:e

        ============================================================
        |                BOOT MENU(V4.0-20151124)                  |
        |  1. Upgrade image by FTP.                                |
        |  2. Upgrade menuboot by FTP.                             |
        |  3. Check and repare file system.                        |
        |  4. Reset administrator passowrd.                        |
        |  5. Producing test.                                      |
        |  6. Aging test.                                          |
        |  7. Display production and aging recored.                |
        |  8. Advance functions.                                   |
        |  0. Reboot.                                              |
        |                                                          |
        ============================================================

Please input your choice[0-8]:0
Sent SIGKILL to all processes
Requesting system reboot
[  510.117120] reboot: Restarting system
```

解决方法

注意格式化ACG硬盘后，日志数据都会丢失，注意！！！！