

# UCS C系列服务器重新启动故障排除TechNote

## 目录

[简介](#)

[先决条件](#)

[要求](#)

[使用的组件](#)

[不同的重新启动情况的预期的输出](#)

[从OS \(vSphere 5.0\)的重新启动](#)

[从CIMC用户界面的重新通电](#)

[停电从CIMC用户界面](#)

[从CIMC用户界面启动](#)

[供给在前面的按钮动力服务器\(OFF\)](#)

[供给在服务器前面的按钮动力\(\)](#)

## 简介

本文为表示预期的输出在另外重新启动期间调节的C210-M2提供从/var/log/messages的输出(也找到在内置失败记录日志(OBFL)日志)。当您排除故障思科统一计算系统(UCS)时C系列服务器引导，开始的一个地方是/var/log/messages和OBFL日志。这些日志在技术支持文件查找。想法是您能匹配一个特定的技术支持消息的输出与输出的在本文为了确认什么触发了重新启动。

## 先决条件

### 要求

Cisco 建议您了解以下主题：

- VMware vSphere 5.0
- 思科集成管理控制器(CIMC)

### 使用的组件

本文档不限于特定的软件和硬件版本。

本文档中的信息都是基于特定实验室环境中的设备编写的。本文档中使用的所有设备最初均采用原始（默认）配置。如果您使用的是真实网络，请确保您已经了解所有命令的潜在影响。

## 不同的重新启动情况的预期的输出

### 从OS (vSphere 5.0)的重新启动

7:2012 May 11 13:49:38:BMC:kernel:--:<7>[peci\_init\_hardware]:490:peci:  
unregistered IRQ: [13]

7:2012 May 11 13:49:38:BMC:kernel:--:<7>[block\_transfer\_deallocate\_entire\_list]:  
1141:block\_transfer\_deallocate\_entire\_list

7:2012 May 11 13:49:38:BMC:kernel:--:<7>[block\_transfer\_deallocate\_entire\_list]:  
1185:block\_transfer\_deallocate\_entire\_list : Dumped: 0x0002 files.

5:2012 May 11 13:49:38:BMC:BIOSReader:391: BIOSReader.c:555:File Close :  
/var/nuova/BIOS/BiosTech\_1.txt

5:2012 May 11 13:49:38:BMC:BIOSReader:391: BIOSReader.c:555:File Close :  
/var/nuova/BIOS/BiosTech\_4.txt

5:2012 May 11 13:49:38:BMC:kernel:--:<5>[block\_transfer\_fetch\_host\_request\_for\_app]:  
2125:block\_transfer\_fetch\_host\_request\_for\_app : BT\_FILE\_CLOSE :  
HostBTDescr = 126 : FName = BiosTech\_1.txt

5:2012 May 11 13:49:38:BMC:kernel:--:<5>[block\_transfer\_fetch\_host\_request\_for\_app]:  
2125:block\_transfer\_fetch\_host\_request\_for\_app : BT\_FILE\_CLOSE :  
HostBTDescr = 125 : FName = BiosTech\_4.txt

5:2012 May 11 13:49:38:BMC:kernel:--:<5>LPC Reset ISR -> ResetState: 0

7:2012 May 11 13:49:38:BMC:kernel:--:<7>[peci\_init\_hardware]:472:peci:  
registered IRQ: [13]

5:2012 May 11 13:49:38:BMC:kernel:--:<5>[lpc\_reset\_handler\_Port80\_Capture\_setup]:  
630:BIOS\_POST\_CMPLT De-asserted --> BIOS is running

7:2012 May 11 13:49:38:BMC:kernel:--:<7>[block\_transfer\_deallocate\_entire\_list]:  
1141:block\_transfer\_deallocate\_entire\_list

7:2012 May 11 13:49:38:BMC:kernel:--:<7>[block\_transfer\_deallocate\_entire\_list]:  
1185:block\_transfer\_deallocate\_entire\_list : Dumped: 0x0000 files.

6:2012 May 11 13:49:38:BMC:avct\_server:--: rvas\_wait\_for\_changes failed

4:2012 May 11 13:49:38:BMC:avct\_server:--: No Video Source Detected!

5:2012 May 11 13:49:39:BMC:bioscom:--: lv\_mode\_dimm\_support.c:126:  
[lpc\_reset\_seen]LPC Reset Count is Different [0x28:0x29]  
Asserted LPC Reset Seen

5:2012 May 11 13:49:39:BMC:IPMI:585: Bridge.c:1388:audit from:kcs  
Fn:0x4 Cmd:0x28 Resp:0x0

5:2012 May 11 13:49:39:BMC:IPMI:585: Bridge.c:1415:audit data&colon; 0x9 0x80

5:2012 May 11 13:49:39:BMC:IPMI:585: Bridge.c:1388:audit from:kcs  
Fn:0x4 Cmd:0x28 Resp:0x0

5:2012 May 11 13:49:39:BMC:IPMI:585: Bridge.c:1415:audit data&colon; 0xa 0x80

5:2012 May 11 13:49:39:BMC:bioscom:--: lv\_mode\_dimm\_support.c:197:  
[transition\_function]Starting Transition to  
[High Voltage Mode] from [Unknown Mode]

5:2012 May 11 13:49:39:BMC:IPMI:585: Bridge.c:1388:audit from:kcs  
Fn:0x4 Cmd:0x28 Resp:0x0

5:2012 May 11 13:49:39:BMC:IPMI:585: Bridge.c:1415:audit data&colon; 0x9 0x80

5:2012 May 11 13:49:39:BMC:IPMI:585: Bridge.c:1388:audit from:kcs  
Fn:0x4 Cmd:0x28 Resp:0x0

5:2012 May 11 13:49:39:BMC:IPMI:585: Bridge.c:1415:audit data&colon; 0xa 0x80

5:2012 May 11 13:49:39:BMC:IPMI:585: Bridge.c:1388:audit from:kcs  
Fn:0x4 Cmd:0x26 Resp:0x0

5:2012 May 11 13:49:39:BMC:IPMI:585: Bridge.c:1415:audit data&colon;  
0x9 0x36 0x92 0x92 0x89 0x9f 0x9f 0xa8

5:2012 May 11 13:49:39:BMC:IPMI:585: Bridge.c:1388:audit from:kcs  
Fn:0x4 Cmd:0x26 Resp:0x0

5:2012 May 11 13:49:39:BMC:IPMI:585: Bridge.c:1415:audit data&colon;  
0xa 0x36 0x92 0x92 0x89 0x9f 0x9f 0xa8

5:2012 May 11 13:49:39:BMC:bioscom:--: lv\_mode\_dimm\_support.c:217:  
[transition\_function]Transition to [High Voltage Mode] Success

5:2012 May 11 13:49:39:BMC:IPMI:591: VirtualSEL.c:224:SEL Evt[04 00]<  
04 00 02 F3 18 AD 4F 20 00 04 25 53 08 00 FF FF >

5:2012 May 11 13:49:39:BMC:BIOSReader:391: BIOSReader.c:227:File Open :  
BiosTech\_3.txt

5:2012 May 11 13:49:39:BMC:kernel:--:<5>[block\_transfer\_fetch\_host\_request\_for\_app]:  
2063:block\_transfer\_fetch\_host\_request\_for\_app: BT\_OPEN:  
HostDescriptor = 131 : Filename = BiosTech\_3.txt

7:2012 May 11 13:49:39:BMC:kernel:--:<7>[mailbox\_isr]:276:  
Mailbox[0] Bit Change w/NULL Handler (01 - 10)!

```

7:2012 May 11 13:49:39:BMC:kernel:-:<7>[mailbox_isr]:276:
Mailbox[0] Bit Change w/NULL Handler (01 - 20)!
7:2012 May 11 13:49:39:BMC:kernel:-:<7>[mailbox_isr]:276:
Mailbox[0] Bit Change w/NULL Handler (01 - 40)!
5:2012 May 11 13:49:39:BMC:kernel:-:<5>LPC Reset ISR -> ResetState: 1
7:2012 May 11 13:49:39:BMC:kernel:-:<7>[peci_init_hardware]:490:peci:
unregistered IRQ: [13]
7:2012 May 11 13:49:39:BMC:kernel:-:<7>[block_transfer_deallocate_entire_list]:
1141:block_transfer_deallocate_entire_list
7:2012 May 11 13:49:39:BMC:kernel:-:<7>[block_transfer_deallocate_entire_list]:
1185:block_transfer_deallocate_entire_list : Dumped: 0x0001 files.
5:2012 May 11 13:49:39:BMC:kernel:-:<5>LPC Reset ISR -> ResetState: 0
7:2012 May 11 13:49:39:BMC:kernel:-:<7>[peci_init_hardware]:472:peci:
registered IRQ: [13]

```

注意：

-仅OS启动不打印“do\_power”输出。您能使用此事实为了迅速确定服务器是否引导程序对OS。

唯一OS启动打印[High Voltage Mode]转变。

## 从CIMC用户界面的重新通电

```

5:2012 May 11 13:50:22:BMC:IPMI:585: Bridge.c:1388:audit from:kcs
Fn:0x0 Cmd:0x2 Resp:0x0
5:2012 May 11 13:50:22:BMC:IPMI:585: Bridge.c:1415:audit data&colon; 0x2
7:2012 May 11 13:50:22:BMC:kernel:-:<7>[do_power_off]:188:do_power_off
5:2012 May 11 13:50:22:BMC:kernel:-:<5>[do_power_off]:190:Power Driver:
Power Off Logic @ 181790792
6:2012 May 11 13:50:22:BMC:kernel:-:<6>[press_button]:105:Power Driver:
Press Power Button @ 181790793
5:2012 May 11 13:50:22:BMC:AUDIT:-: Server power state modify (op:power-cycle)
5:2012 May 11 13:50:26:BMC:kernel:-:<5>LPC Reset ISR -> ResetState: 1
7:2012 May 11 13:50:26:BMC:kernel:-:<7>[peci_init_hardware]:490:peci:
unregistered IRQ: [13]
7:2012 May 11 13:50:26:BMC:kernel:-:<7>[block_transfer_deallocate_entire_list]:
1141:block_transfer_deallocate_entire_list
7:2012 May 11 13:50:26:BMC:kernel:-:<7>[block_transfer_deallocate_entire_list]:
1185:block_transfer_deallocate_entire_list : Dumped: 0x0001 files.
7:2012 May 11 13:50:26:BMC:kernel:-:<7>USB FS: VDD Power WAKEUP- Power Good = OFF
7:2012 May 11 13:50:26:BMC:kernel:-:<7>kbd_complete: -108, 0/8
7:2012 May 11 13:50:26:BMC:kernel:-:<7>mouse_complete: -108, 0/6
7:2012 May 11 13:50:26:BMC:kernel:-:<7>USB HS: VDD Power WAKEUP- Power Good = OFF
7:2012 May 11 13:50:26:BMC:kernel:-:<7>bulk_out_complete: -108, 0/31, LUN[0][2]
7:2012 May 11 13:50:26:BMC:kernel:-:<7>handle_exception: Handling
MSD_STATE_DISCONNECT for interface[0]
7:2012 May 11 13:50:26:BMC:kernel:-:<7>do_set_interface(): reset_interface
7:2012 May 11 13:50:26:BMC:kernel:-:<7>handle_exception:
Handling MSD_STATE_DISCONNECT for interface[1]
5:2012 May 11 13:50:26:BMC:kernel:-:<5>[block_transfer_fetch_host_request_for_app]:
2125:block_transfer_fetch_host_request_for_app : BT_FILE_CLOSE :
HostBTDescr = 132 : FName = BiosTech_4.txt
6:2012 May 11 13:50:26:BMC:kernel:-:<6>kbdmouse_write:
kbd write aborted for device reset.
6:2012 May 11 13:50:26:BMC:kernel:-:<6>kbdmouse_write:
mouse write aborted for device reset.
6:2012 May 11 13:50:26:BMC:avct_server:-: rvas_wait_for_changes failed
5:2012 May 11 13:50:26:BMC:BIOSReader:391:
BIOSReader.c:555:File Close : /var/nuova/BIOS/BiosTech_4.txt

```

## 停电从CIMC用户界面

```

5:2012 May 11 13:58:57:BMC:IPMI:585: Bridge.c:1388:audit from:kcs
  Fn:0x0 Cmd:0x2 Resp:0x0
7:2012 May 11 13:58:57:BMC:kernel:--<7>[do_power_off]:188:do_power_off
5:2012 May 11 13:58:57:BMC:kernel:--<5>[do_power_off]:190:Power Driver:
  Power Off Logic @ 182297296
6:2012 May 11 13:58:57:BMC:kernel:--<6>[press_button]:105:Power Driver:
  Press Power Button @ 182297296
5:2012 May 11 13:58:57:BMC:IPMI:585: Bridge.c:1415:audit data&colon; 0x0
5:2012 May 11 13:58:57:BMC:AUDIT:-- Server power state modify (op:power-off)
5:2012 May 11 13:59:01:BMC:kernel:--<5>LPC Reset ISR -> ResetState: 1
7:2012 May 11 13:59:01:BMC:kernel:--<7>[peci_init_hardware]:490:peci:
  unregistered IRQ: [13]
7:2012 May 11 13:59:01:BMC:kernel:--<7>[block_transfer_deallocate_entire_list]:
  1141:block_transfer_deallocate_entire_list
7:2012 May 11 13:59:01:BMC:kernel:--<7>[block_transfer_deallocate_entire_list]:
  1185:block_transfer_deallocate_entire_list : Dumped: 0x0002 files.
7:2012 May 11 13:59:01:BMC:kernel:--<7>USB FS: VDD Power WAKEUP- Power Good = OFF
7:2012 May 11 13:59:01:BMC:kernel:--<7>USB HS: VDD Power WAKEUP- Power Good = OFF
7:2012 May 11 13:59:01:BMC:kernel:--<7>bulk_out_complete: -108, 0/31, LUN[0][2]
7:2012 May 11 13:59:01:BMC:kernel:--<7>handle_exception: Handling
  MSD_STATE_DISCONNECT for interface[0]
7:2012 May 11 13:59:01:BMC:kernel:--<7>do_set_interface(): reset_interface
7:2012 May 11 13:59:01:BMC:kernel:--<7>handle_exception: Handling
  MSD_STATE_DISCONNECT for interface[1]
5:2012 May 11 13:59:01:BMC:kernel:--<5>[block_transfer_fetch_host_request_for_app]:
  2125:block_transfer_fetch_host_request_for_app : BT_FILE_CLOSE :
  HostBTDescr = 143 : FName = BiosTech_3.txt
5:2012 May 11 13:59:01:BMC:kernel:--<5>[block_transfer_fetch_host_request_for_app]:
  2125:block_transfer_fetch_host_request_for_app : BT_FILE_CLOSE :
  HostBTDescr = 142 : FName = BiosTech_2.txt
6:2012 May 11 13:59:01:BMC:avct_server:-- rvas_wait_for_changes failed
5:2012 May 11 13:59:01:BMC:BIOSReader:391: BIOSReader.c:555:File Close :
  /var/nuova/BIOS/BiosTech_3.txt
5:2012 May 11 13:59:01:BMC:BIOSReader:391: BIOSReader.c:555:File Close :
  /var/nuova/BIOS/BiosTech_2.txt

```

## 从CIMC用户界面启动

```

5:2012 May 11 13:59:13:BMC:IPMI:585: Bridge.c:1388:audit from:
  kcs Fn:0x0 Cmd:0x2 Resp:0x0
5:2012 May 11 13:59:13:BMC:IPMI:585: Bridge.c:1415:audit data&colon; 0x1
7:2012 May 11 13:59:13:BMC:kernel:--<7>[do_power_on]:226:do_power_on
5:2012 May 11 13:59:13:BMC:kernel:--<5>[do_power_on]:231:Power Driver:
  Power On Logic Pulse for 250ms @ 182313079
6:2012 May 11 13:59:13:BMC:kernel:--<6>[press_button]:105:Power Driver:
  Press Power Button @ 182313079
5:2012 May 11 13:59:13:BMC:AUDIT:-- Server power state modify (op:power-on)
6:2012 May 11 13:59:13:BMC:kernel:--<6>[release_button]:115:Power Driver:
  Release Power Button @ 182313330
7:2012 May 11 13:59:13:BMC:kernel:--<7>USB FS: VDD Power WAKEUP-
  Power Good = ON
6:2012 May 11 13:59:13:BMC:kernel:--<6>se_pilot2_udc_usb_turnon:
  Passed USB1.1 register test (0)
7:2012 May 11 13:59:13:BMC:kernel:--<7>USB HS: VDD Power WAKEUP-
  Power Good = ON
6:2012 May 11 13:59:13:BMC:kernel:--<6>se_pilot2_udc_usb_turnon:
  Passed USB2.0 register test (11)
5:2012 May 11 13:59:13:BMC:kernel:--<5>LPC Reset ISR -> ResetState: 0
7:2012 May 11 13:59:13:BMC:kernel:--<7>[peci_init_hardware]:472:peci:
  registered IRQ: [13]
5:2012 May 11 13:59:13:BMC:kernel:--<5>[lpc_reset_handler_Port80_Capture_setup]:

```

```
630:BIOS_POST_CMPLT De-asserted --> BIOS is running
7:2012 May 11 13:59:13:BMC:kernel:--:<7>[block_transfer_deallocate_entire_list]:
1141:block_transfer_deallocate_entire_list
7:2012 May 11 13:59:13:BMC:kernel:--:<7>[block_transfer_deallocate_entire_list]:
1185:block_transfer_deallocate_entire_list : Dumped: 0x0000 files.
5:2012 May 11 13:59:13:BMC:IPMI:587: Pilot2SrvPower.c:394:
Blade Power Changed To: [ ON ]
5:2012 May 11 13:59:13:BMC:kernel:--:<5>[do_power_on]:
251:Power Driver: Power On Logic Done @ 182313832
5:2012 May 11 13:59:13:BMC:IPMI:590: Pilot2SrvPower.c:
188:Pilot2SrvPowerOn
5:2012 May 11 13:59:14:BMC:IPMI:591: VirtualSEL.c:224:
SEL Evt[25 00]< 25 00 02 32 1B AD 4F 20 00 04 25 52 08 01 FF FF >
5:2012 May 11 13:59:14:BMC:IPMI:591: VirtualSEL.c:224:
SEL Evt[26 00]< 26 00 02 32 1B AD 4F 20 00 04 25 53 08 00 FF FF >
5:2012 May 11 13:59:14:BMC:IPMI:591: VirtualSEL.c:224:
SEL Evt[27 00]< 27 00 02 32 1B AD 4F 20 00 04 08 62 0B 00 FF FF >
5:2012 May 11 13:59:14:BMC:kernel:--:<5>[block_transfer_fetch_host_request_for_app]:
2063:block_transfer_fetch_host_request_for_app: BT_OPEN:
HostDescriptor = 148 : Filename = BiosTech_1.txt
5:2012 May 11 13:59:14:BMC:BIOSReader:391: BIOSReader.c:227:
File Open : BiosTech_1.txt
7:2012 May 11 13:59:14:BMC:kernel:--:<7>[mailbox_isr]:276:
Mailbox[0] Bit Change w/NULL Handler (01 - 10)!
7:2012 May 11 13:59:14:BMC:kernel:--:<7>[mailbox_isr]:276:
Mailbox[0] Bit Change w/NULL Handler (01 - 20)!
7:2012 May 11 13:59:14:BMC:kernel:--:<7>[mailbox_isr]:276:
Mailbox[0] Bit Change w/NULL Handler (01 - 40)!
5:2012 May 11 13:59:14:BMC:kernel:--:<5>LPC Reset ISR -> ResetState: 1
7:2012 May 11 13:59:14:BMC:kernel:--:<7>[peci_init_hardware]:490:peci:
unregistered IRQ: [13]
7:2012 May 11 13:59:14:BMC:kernel:--:<7>[block_transfer_deallocate_entire_list]:
1141:block_transfer_deallocate_entire_list
7:2012 May 11 13:59:14:BMC:kernel:--:<7>[block_transfer_deallocate_entire_list]:
1185:block_transfer_deallocate_entire_list : Dumped: 0x0001 files.
6:2012 May 11 13:59:14:BMC:avct_server:--: Clear RVAS regs
5:2012 May 11 13:59:14:BMC:kernel:--:<5>LPC Reset ISR -> ResetState: 0
```

## 供给在前面的按钮动力服务器(OFF)

```
6:2012 May 11 14:01:51:BMC:storage:--: SLOT-5:
Time established as 05/11/12 14:01:27; (75 seconds since power on)
6:2012 May 11 14:01:51:BMC:avct_server:--:
rvas_wait_for_changes failed
5:2012 May 11 14:01:51:BMC:kernel:--:<5>LPC Reset ISR -> ResetState: 1
7:2012 May 11 14:01:51:BMC:kernel:--:<7>[peci_init_hardware]:490:peci:
unregistered IRQ: [13]
7:2012 May 11 14:01:51:BMC:kernel:--:<7>[block_transfer_deallocate_entire_list]:
1141:block_transfer_deallocate_entire_list
7:2012 May 11 14:01:51:BMC:kernel:--:<7>[block_transfer_deallocate_entire_list]:
1185:block_transfer_deallocate_entire_list : Dumped: 0x0002 files.
7:2012 May 11 14:01:51:BMC:kernel:--:<7>USB FS: VDD Power WAKEUP- Power Good = OFF
7:2012 May 11 14:01:51:BMC:kernel:--:<7>USB HS: VDD Power WAKEUP- Power Good = OFF
7:2012 May 11 14:01:51:BMC:kernel:--:<7>bulk_out_complete: -108, 0/31, LUN[0][0]
7:2012 May 11 14:01:51:BMC:kernel:--:<7>handle_exception: Handling
MSD_STATE_DISCONNECT for interface[0]
7:2012 May 11 14:01:51:BMC:kernel:--:<7>do_set_interface(): reset_interface
7:2012 May 11 14:01:51:BMC:kernel:--:<7>handle_exception: Handling
MSD_STATE_DISCONNECT for interface[1]
5:2012 May 11 14:01:51:BMC:BIOSReader:391: BIOSReader.c:555:File Close :
/var/nuova/BIOS/BiosTech_3.txt
5:2012 May 11 14:01:51:BMC:BIOSReader:391: BIOSReader.c:555:File Close :
```

```

/var/nuova/BIOS/BiosTech_2.txt
5:2012 May 11 14:01:51:BMC:kernel:--<5>[block_transfer_fetch_host_request_for_app]:
2125:block_transfer_fetch_host_request_for_app : BT_FILE_CLOSE :
HostBTDescr = 150 : FName = BiosTech_3.txt
5:2012 May 11 14:01:51:BMC:kernel:--<5>[block_transfer_fetch_host_request_for_app]:
2125:block_transfer_fetch_host_request_for_app : BT_FILE_CLOSE :
HostBTDescr = 149 : FName = BiosTech_2.txt
5:2012 May 11 14:01:51:BMC:IPMI:593: Pilot2SrvPower.c:394:
Blade Power Changed To: [ OFF ]
5:2012 May 11 14:01:51:BMC:IPMI:591: VirtualSEL.c:224:SEL Evt[33 00]<
33 00 02 CF 1B AD 4F 20 00 04 25 52 08 00 FF FF >
6:2012 May 11 14:01:51:BMC:IPMI:583: mcddI2CDrv.c:860:PI2CPerformOP:
ioctl to driver failed to read Bus[f4].Dev[5e]!  ErrorStatus[32]
6:2012 May 11 14:01:52:BMC:IPMI:583: mcddI2CDrv.c:860:PI2CPerformOP:
ioctl to driver failed to read Bus[f4].Dev[5e]!  ErrorStatus[32]
4:2012 May 11 14:01:52:BMC:avct_server:--: No Video Source Detected!
6:2012 May 11 14:01:52:BMC:avct_server:--: Video Source Detected!
5:2012 May 11 14:01:52:BMC:IPMI:591: VirtualSEL.c:224:
SEL Evt[34 00]< 34 00 02 D0 1B AD 4F 20 00 04 25 53 08 01 FF FF >
5:2012 May 11 14:01:52:BMC:bioscom:--: lv_mode_dimm_support.c:126:
[lpc_reset_seen]LPC Reset Count is Different [0x30:0x31]
Asserted LPC Reset Seen

```

## 供给在服务器前面的按钮动力()

```

5:2012 May 11 14:01:58:BMC:IPMI:591: VirtualSEL.c:224:
SEL Evt[35 00]< 35 00 02 D6 1B AD 4F 20 00 04 08 62 0B 00 FF FF >
7:2012 May 11 14:01:58:BMC:kernel:--<7>USB FS: VDD Power WAKEUP-
Power Good = ON
6:2012 May 11 14:01:58:BMC:kernel:--<6>se_pilot2_udc_usb_turnon:
Passed USB1.1 register test (0)
7:2012 May 11 14:01:58:BMC:kernel:--<7>USB HS: VDD Power WAKEUP-
Power Good = ON
6:2012 May 11 14:01:58:BMC:kernel:--<6>se_pilot2_udc_usb_turnon:
Passed USB2.0 register test (11)
5:2012 May 11 14:01:58:BMC:kernel:--<5>LPC Reset ISR -> ResetState: 0
7:2012 May 11 14:01:58:BMC:kernel:--<7>[peci_init_hardware]:472:peci:
registered IRQ: [13]
5:2012 May 11 14:01:58:BMC:kernel:--<5>[lpc_reset_handler_Port80_Capture_setup]:
630:BIOS_POST_CMPLT De-asserted --> BIOS is running
7:2012 May 11 14:01:58:BMC:kernel:--<7>[block_transfer_deallocate_entire_list]:
1141:block_transfer_deallocate_entire_list
7:2012 May 11 14:01:58:BMC:kernel:--<7>[block_transfer_deallocate_entire_list]:
1185:block_transfer_deallocate_entire_list : Dumped: 0x0000 files.
5:2012 May 11 14:01:59:BMC:IPMI:587: Pilot2SrvPower.c:394:
Blade Power Changed To: [ ON ]
5:2012 May 11 14:01:59:BMC:kernel:--<5>[block_transfer_fetch_host_request_for_app]:
2063:block_transfer_fetch_host_request_for_app: BT_OPEN:
HostDescriptor = 155 : Filename = BiosTech_1.txt
5:2012 May 11 14:01:59:BMC:BIOSReader:391: BIOSReader.c:227:File Open :
BiosTech_1.txt
5:2012 May 11 14:01:59:BMC:kernel:--<5>LPC Reset ISR -> ResetState: 1
7:2012 May 11 14:01:59:BMC:kernel:--<7>[peci_init_hardware]:490:peci:
unregistered IRQ: [13]
7:2012 May 11 14:01:59:BMC:kernel:--<7>[block_transfer_deallocate_entire_list]:
1141:block_transfer_deallocate_entire_list
7:2012 May 11 14:01:59:BMC:kernel:--<7>[block_transfer_deallocate_entire_list]:
1185:block_transfer_deallocate_entire_list : Dumped: 0x0001 files.
5:2012 May 11 14:01:59:BMC:kernel:--<5>[block_transfer_fetch_host_request_for_app]:
2125:block_transfer_fetch_host_request_for_app : BT_FILE_CLOSE :
HostBTDescr = 155 : FName = BiosTech_1.txt
5:2012 May 11 14:01:59:BMC:BIOSReader:391: BIOSReader.c:555:File Close :

```

```
/var/nuova/BIOS/BiosTech_1.txt
5:2012 May 11 14:01:59:BMC:kernel:-:<5>LPC Reset ISR -> ResetState: 0
7:2012 May 11 14:01:59:BMC:kernel:-:<7>[peci_init_hardware]:472:peci:
  registered IRQ: [13]
5:2012 May 11 14:01:59:BMC:kernel:-:<5>[lpc_reset_handler_Port80_Capture_setup]:
  630:BIOS_POST_CMPLT De-asserted --> BIOS is running
7:2012 May 11 14:01:59:BMC:kernel:-:<7>[block_transfer_deallocate_entire_list]:
  1141:block_transfer_deallocate_entire_list
7:2012 May 11 14:01:59:BMC:kernel:-:<7>[block_transfer_deallocate_entire_list]:
  1185:block_transfer_deallocate_entire_list : Dumped: 0x0000 files.
6:2012 May 11 14:01:59:BMC:avct_server:-: Clear RVAS regs
5:2012 May 11 14:01:59:BMC:IPMI:591: VirtualSEL.c:224:SEL Evt[36 00]<
  36 00 02 D7 1B AD 4F 20 00 04 25 52 08 01 FF FF >
6:2012 May 11 14:02:00:BMC:avct_server:-: Set TSTMUL reg to 0x00100000
5:2012 May 11 14:02:00:BMC:IPMI:591: VirtualSEL.c:224:SEL Evt[37 00]<
  37 00 02 D8 1B AD 4F 20 00 04 25 53 08 00 FF FF >
6:2012 May 11 14:02:00:BMC:avct_server:-: Detected VGA Text Mode: 80 x 25 chars
6:2012 May 11 14:02:00:BMC:avct_server:-: Current Graphics Core Settings are:
6:2012 May 11 14:02:00:BMC:avct_server:-: 720 x 400, 4 bits per pixel, 640 pitch,
  in VGA mode
6:2012 May 11 14:02:00:BMC:avct_server:-: Video Signal detected: 720 x 400,
  color depth is: 4 bits
6:2012 May 11 14:02:00:BMC:avct_server:-: VGA Text mode
6:2012 May 11 14:02:00:BMC:avct_server:-: Change Detected before TFE start
5:2012 May 11 14:02:00:BMC:bioscom:-: lv_mode_dimm_support.c:126:
  [lpc_reset_seen]LPC Reset Count is Different [0x31:0x32]
  Asserted LPC Reset Seen
```