

# 疑難排解 C 系列伺服器的重新開機作業

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## 簡介

本文件說明如何判斷重新開機或關機是由硬體或作業系統 (OS) 所造成的。

當您確定伺服器重新啟動或關閉的原因時，需要注意幾個好的日誌位置。當您搜尋思科整合管理控制器(CIMC)技術支援時，請檢視/var/log/messages或Onboard Failure Logging(OBFL)日誌。

本文檔中提供的示例輸出來自/var/log/messages或OBFL以及ESXi、RHEL和Windows的作業系統日誌。

# 必要條件

本文件沒有特定需求。

## 採用元件

本文中的資訊係根據以下軟體和硬體版本：

- 思科整合運算系統(UCS)C200-M1韌體版本1.4(3w)
- Cisco UCS C210-M2韌體版本1.4(3w)
- Cisco UCS C220-M3韌體版本2.0(3d)
- Cisco UCS C220-M4韌體版本2.0(3f)
- ESXi 5.0 U2
- RHEL 6.6
- Windows 2008 R2

本文中的資訊是根據特定實驗室環境內的裝置所建立。文中使用到的所有裝置皆從已清除（預設）的組態來啟動。如果您的網路正在作用，請確保您已瞭解任何指令可能造成的影響。

## 背景資訊

重新啟動可能是預期的，也可能是意外的。當預期到重啟時，可能並非所有利益相關方都期望重啟。為任何重新引導或關閉維護任務設定變更控制過程非常重要，這樣才能確保每個人都知道該操作。

### 預期重新啟動

這是由人員、進程或指令碼故意啟動的任何重新啟動或關閉事件。可通過多種方式之一啟動此操作。這些日誌片段有助於確定發生了哪個重新啟動場景，以便您可以跟蹤執行操作的人員或對象：

- 通過CIMC GUI
- 從作業系統
- 按下伺服器前面的前面板按鈕時

### 意外重新啟動

這是未計畫或預期的任何重新啟動，但發起操作的人員或進程仍可以預料到它。此外，可能存在硬體故障，例如PSU故障或資料中心斷電。可以通過多種方式啟動這些功能。

如果確定前面板按鈕已按下，您可以找到在重新啟動時哪些人可以實際訪問資料中心。如果是電源問題，請與資料中心團隊聯絡，瞭解當時是否有電源故障。

- 通過CIMC GUI
- 從作業系統
- 按下伺服器前面的前面板按鈕時
- 硬體故障（例如PSU故障或電源線故障）
- 資料中心中的配電裝置(PDU)故障
- 資料中心的不間斷電源(UPS)故障、斷電或斷電

## 要點

- CIMC啟動的重新啟動、關閉和電源開啟始終在日誌中包含「do\_power」關鍵字。
- 運行較新的韌體版本時，前面板按鈕會按下「passthrough\_pin2\_isr」。此外，可能沒有與此相關的OS級別事件。
- OS啟動的重新啟動和關機具有相關的OS級別事件。另請注意，「do\_power」未記錄，因此可以改為記錄「High Voltage Mode」。

## 收集日誌捆綁包進行分析

在檢視相關日誌之前，首先需要生成日誌繫結。使用這些資源可建立必要的日誌，供您與本文檔中的輸出示例進行比較時參考：

### C系列CIMC技術支援

[收集技術支援檔案 \( B和C系列 \) 的可視指南](#)

### ESXi

[vmware知識庫](#)

### RHEL

[什麼是sosreport，以及如何在Red Hat Enterprise Linux 4.6及更高版本中建立一個？](#)

### Windows

[存檔Windows事件日誌](#)

## 不同重新啟動和關閉條件的預期輸出

### 從作業系統重新啟動 — ESXi、RHEL和Windows

#### OBFL日誌

```
5:2017 Mar 2 09:46:44:BMC:kernel:-:<5>[lpc_reset_isr_handler]:79:LPC Reset ISR -> ResetState: 1
5:2017 Mar 2 09:46:44:BMC:kernel:-:<5>[readPostData]:525:BIOS_POST_CMPLT Asserted --> BIOS has
completed
5:2017 Mar 2 09:46:44:BMC:kernel:-:<5>[lpc_reset_isr_handler]:79:LPC Reset ISR -> ResetState: 0
5:2017 Mar 2 09:46:44:BMC:kernel:-:<5>[lpc_reset_handler_Port80_Capture_setup]:566:
BIOS_POST_CMPLT De-asserted --> BIOS is running
5:2017 Mar 2 09:46:44:BMC:kernel:-:<5>[block_transfer_fetch_host_request_for_app]:1860:
block_transfer_fetch_host_request_for_app: BT_OPEN_FOR_READ: HostDescriptor = 4740 : Filename =
BiosTech_7.txt
5:2017 Mar 2 09:46:44:BMC:BIOSReader:1304: BIOSReader.c:242:File Open : BiosTech_7.txt
5:2017 Mar 2 09:46:44:BMC:kernel:-:<5>[block_transfer_fetch_host_request_for_app]:1944:
block_transfer_fetch_host_request_for_app : BT_FILE_CLOSE : HostBTDescr = 4740 : FName =
BiosTech_7.txt
5:2017 Mar 2 09:46:44:BMC:BIOSReader:1304: BIOSReader.c:748:File Close :
/var/nuova/BIOS/BiosTech_7.txt
5:2017 Mar 2 09:46:44:BMC:lv_dimm:1625: lv_dimm.c:129:[lpc_reset_seen]
```

```
LPC Reset Count is Different [0x77:0x78] Asserted LPC Reset Seen
5:2017 Mar 2 09:46:44:BMC:lv_dimm:1625: common.c:940:Disabling Sensor scan for sensor 0x83.
5:2017 Mar 2 09:46:44:BMC:lv_dimm:1625: common.c:940:Disabling Sensor scan for sensor 0x84.
5:2017 Mar 2 09:46:44:BMC:lv_dimm:1625: common.c:940:Disabling Sensor scan for sensor 0x85.
5:2017 Mar 2 09:46:44:BMC:lv_dimm:1625: common.c:940:Disabling Sensor scan for sensor 0x86.
5:2017 Mar 2 09:46:44:BMC:lv_dimm:1625: common.c:940:Disabling Sensor scan for sensor 0x89.
5:2017 Mar 2 09:46:44:BMC:lv_dimm:1625: common.c:940:Disabling Sensor scan for sensor 0x8a.
5:2017 Mar 2 09:46:44:BMC:lv_dimm:1625: common.c:940:Disabling Sensor scan for sensor 0x91.
5:2017 Mar 2 09:46:44:BMC:lv_dimm:1625: common.c:940:Disabling Sensor scan for sensor 0x92.
5:2017 Mar 2 09:46:44:BMC:lv_dimm:1625: lv_dimm.c:200:[transition_function]
Starting Transition to [High Voltage Mode] from [Unknown Mode]
5:2017 Mar 2 09:46:44:BMC:lv_dimm:1625: common.c:940:Disabling Sensor scan for sensor 0x83.
5:2017 Mar 2 09:46:44:BMC:lv_dimm:1625: common.c:940:Disabling Sensor scan for sensor 0x84.
5:2017 Mar 2 09:46:44:BMC:lv_dimm:1625: common.c:940:Disabling Sensor scan for sensor 0x85.
5:2017 Mar 2 09:46:44:BMC:lv_dimm:1625: common.c:940:Disabling Sensor scan for sensor 0x86.
5:2017 Mar 2 09:46:44:BMC:lv_dimm:1625: common.c:940:Disabling Sensor scan for sensor 0x89.
5:2017 Mar 2 09:46:44:BMC:lv_dimm:1625: common.c:940:Disabling Sensor scan for sensor 0x8a.
5:2017 Mar 2 09:46:44:BMC:lv_dimm:1625: common.c:940:Disabling Sensor scan for sensor 0x91.
5:2017 Mar 2 09:46:44:BMC:lv_dimm:1625: common.c:940:Disabling Sensor scan for sensor 0x92.
5:2017 Mar 2 09:46:44:BMC:lv_dimm:1625: lv_dimm.c:220:[transition_function]
Transition to [High Voltage Mode] Success
...
5:2017 Mar 2 09:47:01:BMC:BIOSReader:1304: BIOSReader.c:748:File Close :
/var/nuova/BIOS/DimmTempOffset
5:2017 Mar 2 09:47:06:BMC:kernel:--<5>[lpc_reset_isr_handler]:79:LPC Reset ISR -> ResetState: 1
5:2017 Mar 2 09:47:06:BMC:kernel:--<5>drivers/bmc/usb/usb1.1/se_pilot2_udc_usb1_1.c:2290:
USB FS: VDD Power WAKEUP- Power Good = OFF
5:2017 Mar 2 09:47:06:BMC:BIOSReader:1304: BIOSReader.c:748:File Close :
/var/nuova/BIOS/BiosTech.txt
5:2017 Mar 2 09:47:06:BMC:kernel:--<5>[se_pilot2_wakeup_interrupt]:2561:USB HS: VDD Power = OFF
5:2017 Mar 2 09:47:06:BMC:kernel:--<5>[block_transfer_fetch_host_request_for_app]:1944:
block_transfer_fetch_host_request_for_app : BT_FILE_CLOSE : HostBTDescr = 4756 : FName =
BiosTech.txt
5:2017 Mar 2 09:47:06:BMC:IPMI:1497: Rack_FanCtrl.c:1183:fscUpdateActualFanPolicyFile:
Applied Policy: N/A, Configuration Status: PENDING - Host powered off
5:2017 Mar 2 09:47:06:BMC:IPMI:1466: Pilot2SrvPower.c:466:Blade Power Changed To: [ OFF ]
5:2017 Mar 2 09:47:06:BMC:selparser:1547: selparser.c:710:
# 7E 03 00 00 01 02 00 00 6A 30 B8 58 20 00 04 25 05 00 00 00 08 00 FF FF # 37e | 03/02/2017
09:47:06
| CIMC | Entity presence MAIN_POWER_PRS #0x05 | Device Absent | Asserted
...
5:2017 Mar 2 09:47:12:BMC:kernel:--<5>[se_pilot2_wakeup_interrupt]:2561:USB HS: VDD Power = ON
5:2017 Mar 2 09:47:12:BMC:kernel:--<5>[se_pilot2_udc_usb_connect]:2685:Failed USB2.0 register
test
5:2017 Mar 2 09:47:12:BMC:kernel:--:last message repeated 2 times
5:2017 Mar 2 09:47:12:BMC:kernel:--<5>[lpc_reset_isr_handler]:79:LPC Reset ISR -> ResetState: 0
5:2017 Mar 2 09:47:12:BMC:kernel:--<5>[lpc_reset_handler_Port80_Capture_setup]:566:
BIOS_POST_CMPLT De-asserted --> BIOS is running
5:2017 Mar 2 09:47:12:BMC:kernel:--<5>[block_transfer_fetch_host_request_for_app]:1860:
block_transfer_fetch_host_request_for_app: BT_OPEN_FOR_READ: HostDescriptor = 4778 : Filename =
BiosTech_7.txt
5:2017 Mar 2 09:47:12:BMC:BIOSReader:1304: BIOSReader.c:242:File Open : BiosTech_7.txt
5:2017 Mar 2 09:47:12:BMC:kernel:--<5>[block_transfer_fetch_host_request_for_app]:1944:
block_transfer_fetch_host_request_for_app : BT_FILE_CLOSE : HostBTDescr = 4778 : FName =
BiosTech_7.txt
5:2017 Mar 2 09:47:12:BMC:BIOSReader:1304: BIOSReader.c:748:File Close :
/var/nuova/BIOS/BiosTech_7.txt
5:2017 Mar 2 09:47:12:BMC:selparser:1547: selparser.c:710:
# 7F 03 00 00 01 02 00 00 6F 30 B8 58 20 00 04 25 05 00 00 00 08 01 FF FF # 37f
| 03/02/2017 09:47:11 | CIMC | Entity presence MAIN_POWER_PRS #0x05 | Device Present | Asserted
5:2017 Mar 2 09:47:12:BMC:IPMI:1495: Pilot2SrvPower.c:466:Blade Power Changed To: [ ON ]
```

檢查ESXi日誌以瞭解有關作業系統為什麼啟動此事件的詳細資訊。

- /var/log/vmksummary.log
- /var/log/vmkernel.log
- /var/log/hostd.log
- /var/log/shell.log

[VMware KB](#)

## RHEL - /var/log/messages

```

May 12 12:55:00 localhost rtkit-daemon[10450]: Demoting known real-time threads.
May 12 12:55:00 localhost rtkit-daemon[10450]: Successfully demoted thread
10987 of process 10987 (/usr/bin/pulseaudio).
May 12 12:55:00 localhost console-kit-daemon[10311]: WARNING: no sender#012
May 12 12:55:00 localhost rtkit-daemon[10450]: Demoted 1 threads.
May 12 12:55:00 localhost rpcbind: rpcbind terminating on signal.
Restart with "rpcbind -w" May 12 12:55:00 localhost init:
Disconnected from system bus
May 12 12:55:00 localhost auditd[3587]: The audit daemon is exiting.
May 12 12:55:00 localhost kernel: type=1305 audit(1431453300.949:33):
audit_pid=0 old=3587 auid=4294967295 ses=4294967295 subj=system_u:
system_r:auditd_t:s0 res=1
May 12 12:55:01 localhost kernel: type=1305 audit(1431453301.053:34):
audit_enabled=0 old=1 auid=4294967295 ses=4294967295 subj=system_u:
system_r:auditctl_t:s0 res=1
May 12 12:55:01 localhost kernel: Kernel logging (proc) stopped.
May 12 12:55:01 localhost rsyslogd: [origin software="rsyslogd" swVersion="5.8.10"
x-pid="3617" x-info="http://www.rsyslog.com"] exiting on signal 15.
May 12 12:58:27 localhost kernel: imklog 5.8.10, log source = /proc/kmsg started.
May 12 12:58:27 localhost rsyslogd: [origin software="rsyslogd" swVersion="5.8.10"
x-pid="3631" x-info="http://www.rsyslog.com"] start
May 12 12:58:27 localhost kernel: Initializing cgroup subsys cpuset
May 12 12:58:27 localhost kernel: Initializing cgroup subsys cpu
May 12 12:58:27 localhost kernel: Linux version 2.6.32-504.el6.x86_64
(mockbuild@x86-023.build.eng.bos.redhat.com) (gcc version 4.4.7 20120313
(Red Hat 4.4.7-11) (GCC) ) #1 SMP Tue Sep 16 01:56:35 EDT 2014
May 12 12:58:27 localhost kernel: Command line:
ro root=/dev/mapper/VolGroup-lv_root rd_NO_LUKS LANG=en_US.UTF-8
rd_NO_MD rd_LVM_LV=VolGroup/lv_swap SYSFONT=latarcyrheb-sun16 crashkernel=auto
rd_LVM_LV=VolGroup/lv_root KEYBOARDTYPE=pc KEYTABLE=us rd_NO_DM rhgb quiet
有關如何排除RHEL重新啟動故障的更多提示，請參閱此Red Hat文章。

```

## Windows — 事件日誌

### Event 1074

The process **Explorer.EXE has initiated the restart** of computer WIN-5JPBKNMMRNF on behalf of user WIN-5JPBKNMMRNF\Administrator for the following reason: Other (Planned)  
Reason Code: 0x85000000  
Shutdown Type: restart  
Comment: C-Series Test

### Event 1074

The **process C:\Windows\system32\winlogon.exe (WIN-5JPBKNMMRNF) has initiated the restart** of computer WIN-5JPBKNMMRNF on behalf of user WIN-5JPBKNMMRNF\Administrator for the following reason: No title for this reason could be found  
Reason Code: 0x500ff  
Shutdown Type: restart Comment:

#### Event 109

The kernel power manager has initiated a shutdown transition.

#### Event 13

The operating system is shutting down at system time ?2015?-?05?-?18T08:26:32.778837300Z.

#### Event 12

The operating system started at system time ?2015?-?05?-?18T08:28:28.610798500Z.

有關Windows事件日誌的更多提示，請檢視此[TechNet文章](#)。

## 從作業系統關閉 — ESXi、RHEL和Windows

### OBFL日誌：

```
5:2015 May 12 18:03:37:BMC:IPMI:1563: Bridge.c:1478:audit from:kcs
Fn:0x6 Cmd:0x6 Data&colon; 0x85 0x83
5:2015 May 12 18:03:37:BMC:IPMI:1563: Bridge.c:1484:audit Resp:0x0
5:2015 May 12 18:03:38:BMC:kernel:-:<5>[lpc_reset_isr_handler]:79:LPC
Reset ISR -> ResetState: 1
5:2015 May 12 18:03:38:BMC:kernel:-:<5>[readPostData]:519:BIOS_POST_
CMPLT Asserted --> BIOS has completed
5:2015 May 12 18:03:38:BMC:kernel:-:<5>drivers/bmc/usb/usb1.1/se_pilot2_udc_
usb1_1.c:2288:USB FS:
VDD Power WAKEUP- Power Good = OFF
5:2015 May 12 18:03:38:BMC:kernel:-:<5>[se_pilot2_wakeup_interrupt]
:2561:USB HS: VDD Power = OFF
5:2015 May 12 18:03:38:BMC:IPMI:1563: Pilot3SrvPower.c:484:Blade Power Changed To: [ OFF ]
5:2015 May 12 18:03:38:BMC:video_trigger:-: video_trigger.c:262:
Sending event_ipmi_power_state_change (OFF) ..
5:2015May 12 18:03:39:BMC:selparser:1602: selparser.c:678:
# 11 04 00 00 01 02 00 00 7A 40 52 55 2C 60 04 DC 1A 00 00 00 F4 03 00 00
# 411 | 05/12/2015 18:03:38 | Unknown #0x602c | Unknown #0x1a |
5:2015 May 12 18:03:39:BMC:selparser:1602: selparser.c:678:
# 12 04 00 00 01 02 00 00 7A 40 52 55 20 00 04 25 A9 00 00 00 08 00 FF FF # 412 |
05/12/2015 18:03:38 | CIMC | Entity presence MAIN_POWER_PRS #0xa9 | Device Absent | Asserted
```

### ESXi - /var/log/hostd.log

```
2015-05-15T00:46:01.809Z [28B69B90 info 'TaskManager'] Task Created :
  haTask--vim.host.AutoStartManager.autoPowerOff-245137084
2015-05-15T00:46:01.810Z [28AE7B90 info 'TaskManager'] Task Completed :
haTask--vim.host.AutoStartManager.autoPowerOff-245137084 Status success
2015-05-15T00:46:01.814Z [28AE7B90 verbose 'Default']
CloseSession called for session id=526869fe-3f96-f54a-4bb6-41250fa3242b
2015-05-15T00:46:01.814Z [28AE7B90 info 'ha-eventmgr'] Event 107 : User dcui logged out
2015-05-15T00:46:01.822Z [28AA6B90 verbose 'Proxysvc Req00060'] New proxy client SSL
(TCP(local=127.0.0.1:0, peer=127.0.0.1:58274))
2015-05-15T00:46:01.822Z [28AA6B90 warning 'Proxysvc Req00060'] Error reading from
client while waiting for header: N7Vmacore15SystemExceptionE(Connection reset by peer)
2015-05-15T00:46:02.077Z [29441B90 verbose 'Proxysvc Req00061'] New proxy client
SSL(TCP(local=127.0.0.1:443, peer=127.0.0.1:58877))
2015-05-15T00:46:02.088Z [28AE7B90 verbose 'Ticket 52 27 9e 4d f0 16 ac aa-13 f8
86 f9 f1 a3 61 8b'] Ticket issued for dcui
2015-05-15T00:46:02.090Z [2930AB90 verbose 'Ticket 52 27 9e 4d f0 16 ac aa-13 f8
86 f9 f1 a3 61 8b'] Ticket used
```

Accepted password for user dcui from 127.0.0.1  
2015-05-15T00:46:02.090Z [2930AB90 info 'Vimsvc'] [Auth]: User dcui  
2015-05-15T00:46:02.091Z [2930AB90 info 'ha-eventmgr'] Event 108 :  
User dcui@127.0.0.1 logged in  
2015-05-15T00:46:02.093Z [29366B90 info 'InternalServiceInstance'] **Shutting down service**  
2015-05-15T00:46:22.104Z [FFAB2AD0 error 'Default'] SSLStreamImpl::  
BIORRead (291a1000) timed out  
Section for VMware ESX, pid=2882, version=5.0.0, build=build-914586, option=Release

## RHEL - /var/log/messages

```
May 12 13:03:24 localhost init: tty (/dev/tty2) main process
(10152) killed by TERM signal
May 12 13:03:24 localhost init: tty (/dev/tty3) main process
(10154) killed by TERM signal
May 12 13:03:24 localhost init: tty (/dev/tty4) main process
(10156) killed by TERM signal
May 12 13:03:24 localhost init: tty (/dev/tty5) main process
(10158) killed by TERM signal
May 12 13:03:24 localhost init: tty (/dev/tty6) main process
(10162) killed by TERM signal
May 12 13:03:25 localhost abrttd: Got signal 15, exiting
May 12 13:03:29 localhost acpid: exiting
May 12 13:03:30 localhost NetworkManager[9732]: <info>
caught signal 15, shutting down normally.
May 12 13:03:30 localhost NetworkManager[9732]: <info> (eth0): cleaning up...
May 12 13:03:30 localhost NetworkManager[9732]: <info> (eth0): taking down device.
May 12 13:03:30 localhost NetworkManager[9732]: <info> (eth1): cleaning up...
May 12 13:03:30 localhost NetworkManager[9732]: <info> (eth1): taking down device.
May 12 13:03:30 localhost NetworkManager[9732]: <info> (eth4): cleaning up...
May 12 13:03:30 localhost NetworkManager[9732]: <info> (eth4): taking down device.
May 12 13:03:30 localhost NetworkManager[9732]: <info> (eth5): cleaning up...
May 12 13:03:30 localhost NetworkManager[9732]: <info> (eth5): taking down device.
May 12 13:03:30 localhost NetworkManager[9732]: <info> (eth6): cleaning up...
May 12 13:03:30 localhost NetworkManager[9732]: <info> (eth6): taking down device.
May 12 13:03:30 localhost NetworkManager[9732]: <info> (eth7): cleaning up...
May 12 13:03:30 localhost NetworkManager[9732]: <info> (eth7): taking down device.
May 12 13:03:30 localhost NetworkManager[9732]: <info> (eth2): cleaning up...
May 12 13:03:30 localhost NetworkManager[9732]: <info> (eth2): taking down device.
May 12 13:03:30 localhost NetworkManager[9732]: <info> (eth3): cleaning up...
May 12 13:03:30 localhost NetworkManager[9732]: <info> (eth3): taking down device.
May 12 13:03:30 localhost NetworkManager[9732]: <info> exiting (success)
May 12 13:03:31 localhost rpcbind: rpcbind terminating on signal.
Restart with "rpcbind -w"
May 12 13:03:31 localhost rtkit-daemon[10367]: Demoting known real-time threads.
May 12 13:03:31 localhost rtkit-daemon[10367]: Successfully demoted thread 1
0365 of process 10365 (/usr/bin/pulseaudio).
May 12 13:03:31 localhost rtkit-daemon[10367]: Demoted 1 threads.
May 12 13:03:31 localhost console-kit-daemon[10228]: WARNING: no sender#012
May 12 13:03:31 localhost init: Disconnected from system bus
May 12 13:03:31 localhost auditd[3601]: The audit daemon is exiting.
May 12 13:03:31 localhost kernel: type=1305 audit(1431453811.355:22):
audit_pid=0 old=3601 auid=4294967295 ses=4294967295 subj=system_u
:system_r:auditd_t:s0 res=1
May 12 13:03:31 localhost kernel: type=1305 audit(1431453811.459:23):
audit_enabled=0 old=1 auid=4294967295 ses=4294967295 subj=system_u
:system_r:auditctl_t:s0 res=1
May 12 13:03:31 localhost kernel: Kernel logging (proc) stopped.
May 12 13:03:31 localhost rsyslogd: [origin software="rsyslogd"
swVersion="5.8.10" x-pid="3631" x-info="http://www.rsyslog.com"] exiting on signal 15.
```

## Windows — 事件日誌

#### Event 1074

The process C:\Windows\system32\winlogon.exe (WIN-5JPBKNMMRNF) has initiated the power off of computer WIN-5JPBKNMMRNF on behalf of user WIN-5JPBKNMMRNF\Administrator for the following reason: No title for this reason could be found  
Reason Code: 0x500ff  
Shutdown Type: power off  
Comment

#### Event 1074

The process Explorer.EXE has initiated the shutdown of computer WIN-5JPBKNMMRNF on behalf of user WIN-5JPBKNMMRNF\Administrator for the following reason: Other (Planned)  
Reason Code: 0x85000000  
Shutdown Type: shutdown  
Comment: Shut down Test

#### Event 109

The kernel power manager has initiated a shutdown transition.

#### Event 13

The operating system is shutting down at system time ?2015?-?05?-?18T08:38:13.237425300Z.

## 從CIMC開啟電源

### OBFL日誌：

```
5:2015 May 12 18:08:31:BMC:kernel:-:<5>[__do_power_on]:340:__do_power_on
5:2015 May 12 18:08:31:BMC:IPMI:1563: Bridge.c:1478:audit from:kcs Fn:0x0 Cmd:0x2
Data&colon; 0x1
5:2015 May 12 18:08:31:BMC:kernel:-:<5>[__do_power_on]:345:Power Driver:
Power On Logic Pulse for 250ms @ 25164275955:2015 May 12 18:08:31:BMC:IPMI:
1563: Bridge.c:1484:audit Resp:0x0
5:2015 May 12 18:08:31:BMC:AUDIT:20723: Server power state modify (op:power-on)
5:2015 May 12 18:08:31:BMC:kernel:-:<5>drivers/bmc/usb/usb1.1/
se_pilot2_udc_usb1_1.c:2288:USB FS: VDD Power WAKEUP- Power Good = ON
5:2015 May 12 18:08:31:BMC:kernel:-:<5>[se_pilot2_wakeup_interrupt]
:2561:USB HS: VDD Power = ON
5:2015 May 12 18:08:31:BMC:kernel:-:<5>[se_pilot2_udc_usb_connect]:
2685:Failed USB2.0 register test
5:2015 May 12 18:08:31:BMC:IPMI:1565: Pilot3SrvPower.c:481: ->
Power State On: LPC RESET is NOT IN RESET; powerOnLPCOff[2]
5:2015 May 12 18:08:31:BMC:kernel:-:<5>[se_pilot2_udc_usb_connect]
:2685:Failed USB2.0 register test
5:2015 May 12 18:08:31:BMC:IPMI:1565: Pilot3SrvPower.c:484:Blade
Power Changed To: [ ON ]
5:2015 May 12 18:08:31:BMC:kernel:-:<5>[lpc_reset_isr_handler]
:79:LPC Reset ISR -> ResetState: 0
5:2015 May 12 18:08:31:BMC:kernel:-:<5>[lpc_reset_handler_Port80_Capture_setup]
:560:BIOS_POST_CMPLT De-asserted --> BIOS is running
5:2015 May 12 18:08:31:BMC:IPMI:1566: Pilot3SrvPower.c:191:Pilot2SrvPowerOn
5:2015 May 12 18:08:31:BMC:kernel:-:<5>[__do_power_on]:375:
Power Driver: Power On Logic Done @ 2516427846
5:2015 May 12 18:08:31:BMC:BIOSReader:1247: BIOSReader.c:242:File Open : BiosTech_7.txt
5:2015 May 12 18:08:31:BMC:BIOSReader:1247: BIOSReader.c:748:File Close
: /var/nuova/BIOS/BiosTech_7.txt
5:2015 May 12 18:08:31:BMC:kernel:-:<5>[block_transfer_fetch_host_request_for_app]
```



```
:1860:block_transfer_fetch_host_request_for_app: BT_OPEN_FOR_READ:
HostDescriptor = 1406 : Filename = BiosTech_7.txt
5:2015 May 12 18:08:31:BMC:kernel:--<5>[block_transfer_fetch_host_request_for_app]
:1944:block_transfer_fetch_host_request_for_app : BT_FILE_CLOSE :
HostBTDescr = 1406 : FName = BiosTech_7.txt
5:2015 May 12 18:08:32:BMC:kernel:--<5>[block_transfer_fetch_host_request_for_app]
:1860:block_transfer_fetch_host_request_for_app: BT_OPEN_FOR_READ:
HostDescriptor = 1408 : Filename = BiosTech_6.txt
5:2015 May 12 18:08:32:BMC:BIOSReader:1247: BIOSReader.c:242:File Open : BiosTech_6.txt
5:2015 May 12 18:08:32:BMC:BIOSReader:1247: BIOSReader.c:748:File Close
: /var/nuova/BIOS/BiosTech_6.txt
5:2015 May 12 18:08:32:BMC:kernel:--<5>[block_transfer_fetch_host_request_for_app]
:1944:block_transfer_fetch_host_request_for_app : BT_FILE_CLOSE :
HostBTDescr = 1408 : FName = BiosTech_6.txt
5:2015 May 12 18:08:32:BMC:video_trigger--: video_trigger.c:262:Sending
event_ipmi_power_state_change (ON) ..
5:2015 May 12 18:08:32:BMC:video_trigger--: video_trigger.c:137:Sending
event_server_boot_start..
5:2015 May 12 18:08:32:BMC:video_trigger--: video_trigger.c:148:
Will be able to send event_server_crash..
5:2015 May 12 18:08:32:BMC:selparser:1602: selparser.c:678:
# 13 04 00 00 01 02 00 00 A0 41 52 55 2C 60 04 DC 1A 00 00 00 74 07 00 00
# 413 | 05/12/2015 18:08:32 | Unknown
#0x602c | Unknown #0x1a |
5:2015 May 12 18:08:32:BMC:selparser:1602: selparser.c:678:
# 14 04 00 00 01 02 00 00 A0 41 52 55 20 00 04 25 00 00 00 00 08 00 FF FF
# 414 | 05/12/2015 18:08:32 | CIMC | Entity presence BIOS_POST_CMPLT
#0x00 | Device Absent | Asserted
5:2015 May 12 18:08:32:BMC:kernel:--<5>[block_transfer_fetch_host_request_for_app]
:1860:block_transfer_fetch_host_request_for_app: BT_OPEN_FOR_READ:
HostDescriptor = 1410 : Filename = BiosTech_5.txt
5:2015 May 12 18:08:32:BMC:kernel:--<5>[block_transfer_fetch_host_request_for_app]
:1944:block_transfer_fetch_host_request_for_app : BT_FILE_CLOSE :
HostBTDescr = 1410 : FName = BiosTech_5.txt
5:2015 May 12 18:08:32:BMC:BIOSReader:1247: BIOSReader.c:242:File Open : BiosTech_5.txt
```

## 從CIMC重新通電

### OBFL日誌

```
5:2015 May 12 19:18:45:BMC:kernel:--<5>[do_cycle]:560:do_cycle
5:2015 May 12 19:18:45:BMC:IPMI:1563: Bridge.c:1478:audit from:kcs Fn:0x0
Cmd:0x2 Data&colon; 0x2
5:2015 May 12 19:18:45:BMC:kernel:--<5>[__do_power_off]:298:__do_power_off
5:2015 May 12 19:18:45:BMC:IPMI:1563: Bridge.c:1484:audit Resp:0x0
5:2015 May 12 19:18:45:BMC:kernel:--<5>[__do_power_off]:300:Power Driver:
Power Off Logic @ 2520641182
5:2015 May 12 19:18:45:BMC:IPMI:1566: Pilot3SrvPower.c:539:
Pilot2SrvPowerCycle
5:2015 May 12 19:18:45:BMC:AUDIT:20723: Server power state modify
(op:power-cycle)
5:2015 May 12 19:18:49:BMC:kernel:--<5>[lpc_reset_isr_handler]:
79:LPC Reset ISR -> ResetState: 1
5:2015 May 12 19:18:49:BMC:kernel:--<5>[readPostData]:519:
BIOS_POST_CMPLT Asserted --> BIOS has completed
5:2015 May 12 19:18:49:BMC:kernel:--<5>drivers/bmc/usb/
usb1.1/se_pilot2_udc_usb1.1.c:2288:USB FS: VDD Power WAKEUP- Power Good = OFF
5:2015 May 12 19:18:49:BMC:kernel:--<5>[se_pilot2_wakeup_interrupt]
:2561:USB HS: VDD Power = OFF
5:2015 May 12 19:18:49:BMC:video_trigger--: video_trigger.c:262:
Sending event_ipmi_power_state_change (OFF) ..
5:2015 May 12 19:18:49:BMC:IPMI:1532: Pilot3SrvPower.c:484:
```

**Blade Power Changed To: [ OFF ]**

5:2015 May 12 19:18:49:BMC:selparser:1602: selparser.c:678:  
# 1A 04 00 00 01 02 00 00 19 52 52 55 20 00 04 25 A9 00 00 00 08 00 FF FF  
# 41a | 05/12/2015 19:18:49 | CIMC | Entity presence MAIN\_POWER\_PRS #0xa9  
| Device Absent | Asserted  
5:2015 May 12 19:18:55:BMC:selparser:1602: selparser.c:678:  
# 1B 04 00 00 01 02 00 00 1E 52 52 55 2C 60 04 DC 1A 00 00 00 74 03 00 00  
# 41b | 05/12/2015 19:18:54 | Unknown #0x602c | Unknown #0x1a |  
5:2015 May 12 19:18:55:BMC:selparser:1602: selparser.c:678:  
# 1C 04 00 00 01 02 00 00 1E 52 52 55 2C 60 04 16 16 00 00 00 0A 00 00 00  
# 41c | 05/12/2015 19:18:54 | Unknown  
#0x602c | Microcontroller/Coprocessor  
#0x16 | Transition to Running | Asserted  
5:2015 May 12 19:19:05:BMC:kernel:--<5>[**\_\_do\_power\_on**]:340:**\_\_do\_power\_on**  
5:2015 May 12 19:19:05:BMC:kernel:--<5>[**\_\_do\_power\_on**]:345:  
**Power Driver: Power On Logic Pulse**for 250ms @ 2520661694  
5:2015 May 12 19:19:05:BMC:kernel:--<5>drivers/bmc/usb/usb1.1/  
se\_pilot2\_udc\_usb1\_1.c:2288:USB FS: VDD Power WAKEUP- Power Good = ON  
5:2015 May 12 19:19:05:BMC:kernel:--<5>[se\_pilot2\_wakeup\_interrupt]  
:2561:USB HS: VDD Power = ON  
5:2015 May 12 19:19:05:BMC:kernel:--<5>[se\_pilot2\_udc\_usb\_connect]:  
2685:Failed USB2.0 register test  
5:2015 May 12 19:19:05:BMC:kernel:--<5>[se\_pilot2\_udc\_usb\_connect]:  
2685:Failed USB2.0 register test  
5:2015 May 12 19:19:05:BMC:kernel:--<5>[**lpc\_reset\_isr\_handler**]  
**:79:LPC Reset ISR -> ResetState: 0**  
5:2015 May 12 19:19:05:BMC:kernel:--<5>[lpc\_reset\_handler\_Port80\_Capture\_setup]  
:560:BIOS\_POST\_CMPLT De-asserted --> BIOS is running  
5:2015 May 12 19:19:05:BMC:IPMI:1566: **Pilot3SrvPower.c:542:Pilot2SrvPowerCycle**  
5:2015 May 12 19:19:05:BMC:kernel:--<5>[**\_\_do\_power\_on**]  
**:375:Power Driver: Power On Logic Done** @ 2520661945  
5:2015 May 12 19:19:05:BMC:IPMI:1566: **Pilot3SrvPower.c:481:**  
**-> Power State On: LPC RESET is NOT IN RESET; powerOnLPCOff[2]**  
5:2015 May 12 19:19:05:BMC:IPMI:1566: **Pilot3SrvPower.c:484:**

**Blade Power Changed To: [ ON ]**

5:2015 May 12 19:19:06:BMC:BIOSReader:1247: BIOSReader.c:242:  
File Open : BiosTech\_7.txt  
5:2015 May 12 19:19:06:BMC:BIOSReader:1247: BIOSReader.c:748:  
File Close : /var/nuova/BIOS/BiosTech\_7.txt  
5:2015 May 12 19:19:06:BMC:kernel:--<5>[block\_transfer\_fetch\_host\_  
request\_for\_app]:1860:block\_transfer\_fetch\_host\_request\_for\_app:  
BT\_OPEN\_FOR\_READ: HostDescriptor = 1466 : Filename = BiosTech\_7.txt  
5:2015 May 12 19:19:06:BMC:kernel:--<5>[block\_transfer\_fetch\_host\_  
request\_for\_app]:1944:block\_transfer\_fetch\_host\_request\_for\_app :  
BT\_FILE\_CLOSE : HostBTDescr = 1466 : FName = BiosTech\_7.txt  
5:2015 May 12 19:19:06:BMC:selparser:1602: selparser.c:678:  
# 1D 04 00 00 01 02 00 00 29 52 52 55 2C 60 04 DC 1A 00 00 00 74 07 00 00  
# 41d | 05/12/2015 19:19:05 | Unknown #0x602c | Unknown #0x1a |  
5:2015 May 12 19:19:06:BMC:video\_trigger--: video\_trigger.c:262:  
Sending event\_ipmi\_power\_state\_change (ON) ..  
5:2015 May 12 19:19:06:BMC:video\_trigger--: video\_trigger.c:137:  
Sending event\_server\_boot\_start ..  
5:2015 May 12 19:19:06:BMC:video\_trigger--: video\_trigger.c:148:  
Will be able to send event\_server\_crash ..  
5:2015 May 12 19:19:06:BMC:kernel:--<5>[block\_transfer\_fetch\_host\_  
request\_for\_app]:1860:block\_transfer\_fetch\_host\_request\_for\_app:  
BT\_OPEN\_FOR\_READ: HostDescriptor = 1468 : Filename = BiosTech\_6.txt

**從CIMC斷電**

```

5:2015 May 12 20:18:25:BMC:kernel:--<5>[__do_power_off]:298:__do_power_off
5:2015 May 12 20:18:25:BMC:IPMI:1563: Bridge.c:1478:audit from:kcs Fn:0x0
Cmd:0x2 Data&colon; 0x0
5:2015 May 12 20:18:25:BMC:kernel:--<5>[__do_power_off]:300:Power Driver:
Power Off Logic@ 2524221543
5:2015 May 12 20:18:25:BMC:IPMI:1563: Bridge.c:1484:audit Resp:0x0
5:2015 May 12 20:18:25:BMC:AUDIT:20723: Server power state modify (op:power-off)
5:2015 May 12 20:18:30:BMC:kernel:--<5>[lpc_reset_isr_handler]:
79:LPC Reset ISR -> ResetState: 1
5:2015 May 12 20:18:30:BMC:kernel:--<5>[readPostData]:519:BIOS_POST_CMPLT
Asserted --> BIOS has completed
5:2015 May 12 20:18:30:BMC:kernel:--<5>drivers/bmc/usb/usb1.1/se_pilot2_udc_
usb1_1.c:2288:USB FS: VDD Power WAKEUP- Power Good = OFF
5:2015 May 12 20:18:30:BMC:IPMI:1567: Pilot3SrvPower.c:484:Blade Power Changed To: [ OFF ]
5:2015 May 12 20:18:30:BMC:kernel:--<5>[se_pilot2_wakeup_interrupt]:
2561:USB HS: VDD Power = OFF
5:2015 May 12 20:18:30:BMC:selparser:1602: selparser.c:678:
# 24 04 00 00 01 02 00 00 16 60 52 55 20 00 04 25 A9 00 00 00 08 00 FF FF
# 424 | 05/12/2015 20:18:30 | CIMC | Entity presence MAIN_POWER_PRS
#0xa9 | Device Absent | Asserted
5:2015 May 12 20:18:30:BMC:video_trigger--: video_trigger.c:262:
Sending event_ipmi_power_state_change (OFF) ..
5:2015 May 12 20:18:31:BMC:vkcs_mux:1582: vkcs_mux.c:76:[REQ] 00 01
5:2015 May 12 20:18:36:BMC:IPMI:1566: Pilot3SrvPower.c:348:Pilot2SrvPowerOff
5:2015 May 12 20:18:37:BMC:kernel:--<5>[__do_power_off]:298:__do_power_off
5:2015 May 12 20:18:37:BMC:blade-power:11311: host-power.c:53:POWER Off
5:2015 May 12 20:18:38:BMC:run-update:11313: ../..
/src/runupdate.c:511:Run-update Process Starting.
5:2015 May 12 20:18:38:BMC:run-update:11313: ../..
/src/runupdate.c:44:Setting FP Button Lock: current state 0
5:2015 May 12 20:18:38:BMC:kernel:--<5>[lock_front_panel_buttons]
:1373:Front Panel Power Button is now permanently locked.
5:2015 May 12 20:18:38:BMC:kernel:--<5>[lock_front_panel_buttons]
:1378:Front Panel Reset Button is now permanently locked.

```

## PSU故障導致斷電

### OBFL日誌

```

5:2015 May 15 14:29:12:BMC:kernel:--<5>[lpc_reset_isr_handler]:
79:LPC Reset ISR -> ResetState: 1
5:2015 May 15 14:29:12:BMC:kernel:--<5>[readPostData]:519:
BIOS_POST_CMPLT Asserted --> BIOS has completed
5:2015 May 15 14:29:12:BMC:kernel:--<5>drivers/bmc/usb/usb1.1/
se_pilot2_udc_usb1_1.c:2288:USB FS: VDD Power WAKEUP- Power Good = OFF
5:2015 May 15 14:29:12:BMC:kernel:--<5>[se_pilot2_wakeup_interrupt]
:2561:USB HS: VDD Power = OFF
5:2015 May 15 14:29:12:BMC:IPMI:1532: Pilot3SrvPower.c:484:
Blade Power Changed To: [ OFF ]
5:2015 May 15 14:29:12:BMC:video_trigger--: video_trigger.c:262:
Sending event_ipmi_power_state_change (OFF) ..
5:2015 May 15 14:29:13:BMC:selparser:1602: selparser.c:678:
# 33 04 00 00 01 02 00 00 B8 02 56 55 20 00 04 08 27 00 00 00 03 00 FF FF
# 433 | 05/15/2015 14:29:12 | CIMC | Power supply PSU1_AC_OK
#0x27 | State Deasserted | Asserted
5:2015 May 15 14:29:13:BMC:selparser:1602: selparser.c:678:
# 34 04 00 00 01 02 00 00 B8 02 56 55 20 00 04 08 42 00 00 00 04 01 FF FF
# 434 | 05/15/2015 14:29:12 | CIMC | Power supply PMBUS_ALERT #0x42
| Predictive Failure asserted | Asserted
5:2015 May 15 14:29:13:BMC:selparser:1602: selparser.c:678:
# 35 04 00 00 01 02 00 00 B8 02 56 55 20 00 04 25 A9 00 00 00 08 00 FF FF
# 435 | 05/15/2015 14:29:12 | CIMC | Entity presence MAIN_POWER_PRS

```

```
#0xa9 | Device Absent | Asserted
5:1970 Jan 1 00:02:48:BMC:kernel:-:<5>Linux version 2.6.35.10
(buildsa@savbu-sw\bmc-vb1) (gcc version 3.4.5)
#2 Tue Nov 18 07:09:13 PST 2014 Unversioned directory
4:1970 Jan 1 00:02:48:BMC:kernel:-:<4>CPU: ARM926EJ-S [41069265]
revision 5 (ARMv5TEJ), cr=00053177
4:1970 Jan 1 00:02:48:BMC:kernel:-:<4>CPU: VIVT data cache, VIVT instruction cache
4:1970 Jan 1 00:02:48:BMC:kernel:-:<4>Machine: ServerEngines PILOT3 Hornet Board
4:1970 Jan 1 00:02:48:BMC:kernel:-:<4>Memory policy: ECC disabled, Data cache writeback
```

## 前按鈕電源關閉

### OBFL日誌

```
5:2015 May 15 14:50:19:BMC:kernel:-:<5>[passthrough_pin2_isr]:158:x86
Host Power Button Press
5:2015 May 15 14:50:19:BMC:kernel:-:<5>drivers/bmc/usb/usb1.1/se_pilot2_udc_
usb1_1.c:2288:USB FS: VDD Power WAKEUP- Power Good = ON
5:2015 May 15 14:50:19:BMC:kernel:-:<5>[se_pilot2_wakeup_interrupt]:2561:
USB HS: VDD Power = ON
5:2015 May 15 14:50:31:BMC:IPMI:1561: Bridge.c:1478:audit from:kcs Fn:0x6
Cmd:0x6 Data&colon; 0x85 0x83
5:2015 May 15 14:50:31:BMC:IPMI:1561: Bridge.c:1484:audit Resp:0x0
5:2015 May 15 14:50:35:BMC:kernel:-:<5>[lpc_reset_isr_handler]
:79:LPC Reset ISR -> ResetState: 1
5:2015 May 15 14:50:35:BMC:kernel:-:<5>[readPostData]:519:BIOS_POST_CMPLT
Asserted --> BIOS has completed
5:2015 May 15 14:50:35:BMC:video_trigger:-: video_trigger.c:262:
Sending event_ipmi_power_state_change (OFF) ..
5:2015 May 15 14:50:35:BMC:kernel:-:<5>drivers/bmc/usb/usb1.1/se_pilot2_udc_
usb1_1.c:2288:USB FS: VDD Power WAKEUP- Power Good = OFF
5:2015 May 15 14:50:35:BMC:kernel:-:<5>[se_pilot2_wakeup_interrupt]:
2561:USB HS: VDD Power = OFF
5:2015 May 15 14:50:35:BMC:IPMI:1531: Pilot3SrvPower.c:484:
Blade Power Changed To: [ OFF ]
5:2015 May 15 14:50:35:BMC:selparser:1602: selparser.c:678:
# A2 04 00 00 01 02 00 00 BB 07 56 55 2C 60 04 DC 1A 00 00 00 F4 03 00 00
# 4a2 | 05/15/2015 14:50:35 | Unknown #0x602c | Unknown #0x1a |
5:2015 May 15 14:50:35:BMC:selparser:1602: selparser.c:678:
# A3 04 00 00 01 02 00 00 BB 07 56 55 20 00 04 25 A9 00 00 00 08 00 FF FF
# 4a3 | 05/15/2015 14:50:35 | CIMC | Entity presence MAIN_POWER_PRS
#0xa9 | Device Absent | Asserted
```

## 開啟前按鈕電源

### OBFL日誌

```
5:2015 May 15 14:51:18:BMC:kernel:-:<5>[passthrough_pin2_isr]
:158:x86 Host Power Button Press
5:2015 May 15 14:51:18:BMC:kernel:-:<5>drivers/bmc/usb/usb1.1/se_pilot2
_udc_usb1_1.c:2288:USB FS: VDD Power WAKEUP- Power Good = OFF
5:2015 May 15 14:51:18:BMC:kernel:-:<5>[se_pilot2_wakeup_interrupt]:
2561:USB HS: VDD Power = OFF
5:2015 May 15 14:51:19:BMC:kernel:-:<5>drivers/bmc/usb/usb1.1/se_pilot2_
_udc_usb1_1.c:2288:USB FS: VDD Power WAKEUP- Power Good = ON
5:2015 May 15 14:51:19:BMC:kernel:-:<5>[se_pilot2_wakeup_interrupt]
:2561:USB HS: VDD Power = ON
5:2015 May 15 14:51:19:BMC:kernel:-:<5>[se_pilot2_udc_usb_connect]:
2685:Failed USB2.0 register test
5:2015 May 15 14:51:19:BMC:kernel:-:<5>[se_pilot2_udc_usb_connect]:
```

```
2685:Failed USB2.0 register test
5:2015 May 15 14:51:19:BMC:kernel:--<5>[lpc_reset_isr_handler]:
79:LPC Reset ISR -> ResetState: 0
5:2015 May 15 14:51:19:BMC:kernel:--<5>[lpc_reset_handler_Port80_Capture_setup]
:560:BIOS_POST_CMPLT De-asserted --> BIOS is running
5:2015 May 15 14:51:19:BMC:IPMI:1561: Pilot3SrvPower.c:481: ->
Power State On: LPC RESET is NOT IN RESET; powerOnLPCOff[0]
5:2015 May 15 14:51:19:BMC:IPMI:1561: Pilot3SrvPower.c:484:
Blade Power Changed To: [ ON ]
5:2015 May 15 14:51:19:BMC:BIOSReader:1247: BIOSReader.c:242:File Open : BiosTech_7.txt
5:2015 May 15 14:51:19:BMC:BIOSReader:1247: BIOSReader.c:242:File Open : BiosTech_6.txt
5:2015 May 15 14:51:19:BMC:kernel:--<5>[block_transfer_fetch_host_request_for_app]
:1860:block_transfer_fetch_host_request_for_app: BT_OPEN_FOR_READ:
HostDescriptor = 118 : Filename = BiosTech_7.txt
5:2015 May 15 14:51:19:BMC:BIOSReader:1247: BIOSReader.c:242:File Open : BiosTech_5.txt
5:2015 May 15 14:51:19:BMC:kernel:--<5>[block_transfer_fetch_host_request_for_app]
:1860:block_transfer_fetch_host_request_for_app: BT_OPEN_FOR_READ:
HostDescriptor = 119 : Filename = BiosTech_6.txt
5:2015 May 15 14:51:19:BMC:BIOSReader:1247: BIOSReader.c:242:File Open : BiosTech_4.txt
5:2015 May 15 14:51:19:BMC:BIOSReader:1247: BIOSReader.c:748:
File Close : /var/nuova/BIOS/BiosTech_4.txt
5:2015 May 15 14:51:19:BMC:kernel:--<5>[block_transfer_fetch_host_request_for_app]
:1860:block_transfer_fetch_host_request_for_app: BT_OPEN_FOR_READ:
HostDescriptor = 120 : Filename = BiosTech_5.txt
5:2015 May 15 14:51:19:BMC:kernel:--<5>[block_transfer_fetch_host_request_for_app]
:1860:block_transfer_fetch_host_request_for_app: BT_OPEN_FOR_READ:
HostDescriptor = 121 : Filename = BiosTech_4.txt
5:2015 May 15 14:51:19:BMC:kernel:--<5>[block_transfer_fetch_host_request_for_app]
:1944:block_transfer_fetch_host_request_for_app : BT_FILE_CLOSE :
HostBTDescr = 121 : FName = BiosTech_4.txt
5:2015 May 15 14:51:19:BMC:video_trigger--: video_trigger.c:262:
Sending event_ipmi_power_state_change (ON) ..
5:2015 May 15 14:51:19:BMC:video_trigger--: video_trigger.c:137:
Sending event_server_boot_start ..
5:2015 May 15 14:51:19:BMC:video_trigger--: video_trigger.c:148
:Will be able to send event_server_crash ..
5:2015 May 15 14:51:19:BMC:kernel:--<5>[block_transfer_fetch_host_request_for_app]
:1860:block_transfer_fetch_host_request_for_app: BT_OPEN_FOR_READ:
HostDescriptor = 123 : Filename = BiosTech_3.txt
5:2015 May 15 14:51:19:BMC:BIOSReader:1247: BIOSReader.c:242:File Open : BiosTech_3.txt
5:2015 May 15 14:51:19:BMC:kernel:--<5>[block_transfer_fetch_host_request_for_app]
:1944:block_transfer_fetch_host_request_for_app : BT_FILE_CLOSE :
HostBTDescr = 123 : FName = BiosTech_3.txt
5:2015 May 15 14:51:19:BMC:BIOSReader:1247: BIOSReader.c:748:
File Close : /var/nuova/BIOS/BiosTech_3.txt
```

## 相關資訊

- [C系列重新開機疑難排解](#)
- [技術支援與文件 - Cisco Systems](#)