

# Fehlerbehebung beim Neustart von Servern der C-Serie

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## Einführung

In diesem Dokument wird beschrieben, wie Sie feststellen können, ob ein Neustart oder Herunterfahren in der Hardware oder vom Betriebssystem aus initiiert wurde.

Es gibt mehrere gute Protokollspeicherorte, auf die Sie sich konzentrieren sollten, wenn Sie feststellen, warum ein Server neu gestartet oder heruntergefahren wurde. Wenn Sie den

technischen Support des Cisco Integrated Management Controller (CIMC) durchsuchen, sehen Sie sich entweder die Protokolle `/var/log/messages` oder Onboard Failure Logging (OBFL) an.

Die in diesem Dokument bereitgestellte Beispielausgabe stammt entweder aus `/var/log/messages` oder OBFL sowie aus Betriebssystemprotokollen für ESXi, RHEL und Windows.

## Voraussetzungen

Für dieses Dokument bestehen keine speziellen Anforderungen.

## Verwendete Komponenten

Die Informationen in diesem Dokument basieren auf den folgenden Software- und Hardwareversionen:

- Cisco Unified Computing System (UCS) C200-M1-Firmware Version 1.4(3w)
- Cisco UCS C210-M2 Firmware-Version 1.4(3 w)
- Cisco UCS C220-M3 Firmware Version 2.0(3d)
- Cisco UCS C220-M4 Firmware-Version 2.0(3f)
- ESXi 5.0 U2
- RHEL 6.6
- Windows 2008 R2

Die Informationen in diesem Dokument wurden von den Geräten in einer bestimmten Laborumgebung erstellt. Alle in diesem Dokument verwendeten Geräte haben mit einer leeren (Standard-)Konfiguration begonnen. Wenn Ihr Netzwerk in Betrieb ist, stellen Sie sicher, dass Sie die potenziellen Auswirkungen eines Befehls verstehen.

## Hintergrundinformationen

Ein Neustart kann entweder erwartet oder unerwartet erfolgen. Wenn ein Neustart erwartet wird, könnte es sein, dass nicht alle interessierten Parteien davon ausgehen. Es ist wichtig, dass für alle Wartungsaufgaben, die neu gestartet oder heruntergefahren werden, ein Änderungskontrollprozess eingerichtet wird, um sicherzustellen, dass alle von der Aktion erfahren.

## Erwartete Neustarts

Dabei handelt es sich um ein Reboot- oder Shutdown-Ereignis, das von einer Person, einem Prozess oder einem Skript absichtlich ausgelöst wurde. Dies kann auf verschiedene Weise initiiert werden. Mithilfe dieser Protokollausschnitte können Sie feststellen, welches Neustartszenario aufgetreten ist, sodass Sie nachverfolgen können, wer oder was die Aktion ausgeführt hat:

- Über die CIMC-GUI
- Über das Betriebssystem
- Wenn Sie die Taste auf der Vorderseite des Servers drücken

## Unerwartete Neustarts

Dabei handelt es sich um einen Neustart, der nicht geplant oder erwartet ist, aber von der Person

oder dem Prozess, die bzw. der die Aktion initiiert hat, erwartet werden kann. Möglicherweise ist auch ein Hardwarefehler aufgetreten, z. B. ein Netzteilausfall oder ein Stromausfall im Rechenzentrum. Diese können auf verschiedene Weise initiiert werden.

Wenn festgestellt wird, dass die Taste auf der Vorderseite gedrückt wurde, können Sie feststellen, wer zum Zeitpunkt des Neustarts physischen Zugriff auf das Rechenzentrum hatte. Wenn es sich um ein Problem mit der Stromversorgung handelt, fragen Sie das Rechenzentrumsteam, ob zu diesem Zeitpunkt ein Stromausfall auftrat.

- Über die CIMC-GUI
- Über das Betriebssystem
- Wenn Sie die Taste auf der Vorderseite des Servers drücken
- Bei Hardwareausfällen, z. B. einem Netzteilausfall oder einem defekten Netzkabel
- Stromverteilereinheit (PDU)-Ausfall im Rechenzentrum
- Unterbrechungsfreie Stromversorgung (USV), Stromausfall oder Spannungsabfall im Rechenzentrum

## Wichtigste Punkte

- Von CIMC initiierte Neustarts, Herunterfahren und Power Ons enthalten immer das Schlüsselwort "do\_power" in den Protokollen.
- Tastendruck an der Vorderseite beinhalten "passthrough\_pin2\_isr", wenn Sie neuere Firmware-Versionen ausführen. Außerdem besteht wahrscheinlich keine Korrelation zwischen Ereignissen auf Betriebssystemebene.
- Neustarts und Herunterfahren durch das Betriebssystem sind mit einem Ereignis auf Betriebssystemebene verbunden. Beachten Sie auch, dass "do\_power" nicht protokolliert wird und "High Voltage Mode" stattdessen protokolliert werden kann.

## Sammeln von Protokollpaketen für Analysen

Bevor Sie die relevanten Protokolle überprüfen, müssen Sie zunächst die Protokollpakete erstellen. Verwenden Sie diese Ressourcen, um die erforderlichen Protokolle für die Referenzierung zu erstellen, wenn Sie mit den Ausgabebeschreibungen in diesem Dokument vergleichen:

### Technischer Support für CIMC der C-Serie

[Visual Guide zum Sammeln von Dateien des technischen Supports \(Serien B und C\)](#)

#### ESXi

[VMware Knowledge Base](#)

#### RHEL

[Was ist ein SOSreport und wie wird ein solcher in Red Hat Enterprise Linux 4.6 und höher erstellt?](#)

#### Windows

[Archivieren eines Windows-Ereignisprotokolls](#)

# Erwartete Ausgabe für unterschiedliche Bedingungen für Neustart und Herunterfahren

## Neustart vom Betriebssystem - ESXi, RHEL und Windows

### OBFL-Protokoll

```
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 ]

```

Überprüfen Sie die ESXi-Protokolle, um weitere Informationen darüber zu erhalten, warum das Betriebssystem dieses Ereignis initiiert hat.

- /var/log/vmksmmary.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
```

Weitere Tipps zur Fehlerbehebung bei RHEL-Neustarts finden Sie in diesem [Red Hat KB](#)Article.

## Windows - Ereignisprotokoll

### 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.

Weitere Tipps zu Windows Event Logs finden Sie in diesem [TechNet-Artikel](#).

## Herunterfahren des Betriebssystems - ESXi, RHEL und Windows

### OBFL-Protokoll:

```
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: N7Vmcorel5SystemExceptionE(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::
BIORead (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 - Ereignisprotokoll

### 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.

## Einschalten des CIMC

### OBFL-Protokoll:

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/usbl1.1/
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
```

# Aus- und Wiedereinschalten des CIMC

## OBFL-Protokoll

```
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 Pulsefor 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
```

## Ausschalten des CIMC

### OBFL-Protokoll

```
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.
```

# Stromausfall durch Stromausfall

## OBFL-Protokoll

```
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/usbl.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-swbmc-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
```

## Ausschalten der Vordertaste

## OBFL-Protokoll

```
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/usbl.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/usbl.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
```

## Einschalten der Vordertaste

### OBFL-Protokoll

```
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
```

## Zugehörige Informationen

- [Fehlerbehebung beim Neustart der C-Serie](#)
- [Technischer Support und Dokumentation - Cisco Systems](#)