

A.C. del Troubleshooting - Reinicialización del servidor de la serie

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Introducción

Este documento describe cómo determinar si una reinicialización o apaga fue iniciado en hardware o del operating system (OS).

Hay varias buenas ubicaciones del registro a centrarse en cuando usted determina porqué un servidor reinició o apaga. Cuando usted busca a través del soporte técnico del regulador de la administración integrada de Cisco (CIMC), mire `/var/log/messages` o a bordo de los registros del registro del error (OBFL).

La salida de ejemplo proporcionada en este documento es de `/var/log/messages` o de los registros OBFL así como OS para ESXi, RHEL, y Windows.

Prerrequisitos

No hay requisitos específicos para este documento.

Componentes Utilizados

La información que contiene este documento se basa en las siguientes versiones de software y hardware.

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

La información que contiene este documento se creó a partir de los dispositivos en un ambiente de laboratorio específico. Todos los dispositivos que se utilizan en este documento se pusieron en funcionamiento con una configuración verificada (predeterminada). Si la red está funcionando, asegúrese de haber comprendido el impacto que puede tener cualquier comando.

Antecedentes

Una reinicialización puede ser esperada o inesperada. Cuando se espera una reinicialización, puede ser que sea que no todas las partes interesadas lo cuentan con. Es importante tener un proceso del control de cambios para cualquier reinicialización o apagar las tareas de mantenimiento para asegurar todo el mundo es consciente de la acción.

Reinicializaciones previstas

Ésta es cualquier reinicialización o apaga el evento que fue iniciado por una persona, un proceso, o un script intencionalmente. Esto se puede iniciar en una de varias maneras. Éstos registran el snippets pueden ayudar a identificar que reinician el escenario ocurrieron, de modo que usted pueda rastrear quién o qué tomó medidas:

- Con el CIMC GUI
- Del OS

- Cuando usted presiona el botón del panel frontal en el frente del servidor

Reinicializaciones inesperadas

Ésta es cualquier reinicialización que no se planee ni se espera, pero puede todavía ser esperada por la persona o el proceso que iniciaron la acción. También, pudo haber habido una falla de hardware como un error o la pérdida de energía PSU en el centro de datos. Éstos se pueden iniciar de varias maneras.

Si se determina que el botón del panel frontal fue presionado, usted puede rastrear quién tenía acceso físico al centro de datos a la hora de la reinicialización. Si es un problema de alimentación, dedique el equipo del centro de datos ver si había un corte del suministro de electricidad en ese entonces.

- Con el CIMC GUI
- Del OS
- Cuando usted presiona el botón del panel frontal en el frente del servidor
- De la falla de hardware tal como un error PSU o un mún cable de alimentación eléctrica
- Error de la unidad de la distribución de energía (PDU) en el centro de datos
- Error del (UPS) de la fuente de alimentación ininterrumpible o pérdida de energía o apagón en el centro de datos

Puntos claves

- Las reinicializaciones iniciadas CIMC, apagan, y los on del poder incluyen siempre la palabra clave del “do_power” en los registros.
- Las prensas del botón del panel frontal incluyen el "passthrough_pin2_isr" cuando usted funciona con más nuevas versiones de firmware. También, hay probable ningún evento del OS-nivel que correlaciona de esto.
- El OS iniciado reinicia y apaga tiene un evento asociado del OS-nivel. También note que el “do_power” no está registrado, y el “modo de alto voltaje” se puede registrar en lugar de otro.

Conjuntos del registro del frunce para el análisis

Antes de que usted revise los registros relevantes, usted primero necesita generar a los conjuntos del registro. Utilice estos recursos para crear los registros necesarios para la referencia para cuando usted compara a los ejemplos de resultado en este documento:

Soporte técnico de la serie C CIMC

[Guía visual para recoger los archivos del soporte técnico \(B y serie C\)](#)

ESXi

[Knowledge Base del vmware](#)

RHEL

[¿Cuál es un sosreport y cómo crear uno en el Red Hat Enterprise Linux 4.6 y posterior?](#)

Windows:

[Archive un registro de eventos de Windows](#)

El resultado esperado para diversa reinicialización y apaga las condiciones

Reinicialización del OS - ESXi, RHEL, y Windows

Registro OBFL

```
5:2015 May 15 14:46:03:BMC:IPMI:567: Bridge.c:1388:audit from:kcs Fn:0x6 Cmd:0x6 Resp:0x0
5:2015 May 15 14:46:03:BMC:IPMI:567: Bridge.c:1415:audit data&colon; 0x85 0x83
5:2015 May 15 14:46:03:BMC:IPMI:567: VirtualSEL.c:224:SEL Evt[48 03]
< 48 03 02 AB 06 56 55 03 00 04 12 83 6F 05 00 FF>
5:2015 May 15 14:46:04:BMC:kernel:--<5>LPC Reset ISR -> ResetState: 1
5:2015 May 15 14:46:04:BMC:BIOSReader:376: BIOSReader.c:555:File Close :
/var/nuova/BIOS/BiosTech_4.txt
5:2015 May 15 14:46:04:BMC:kernel:--[block_transfer_fetch_host_request_for_app]
:2125:block_transfer_fetch_host_request_for_app : BT_FILE_CLOSE :
HostBTDescr = 6 : FName = BiosTech_4.txt
5:2015 May 15 14:46:04:BMC:IPMI:574: Pilot2SrvPower.c:394:Blade Power Changed To: [ OFF ]
5:2015 May 15 14:46:04:BMC:IPMI:572: VirtualSEL.c:224:SEL Evt[49 03]
< 49 03 02 AC 06 56 55 20 00 04 25 52 08 00 FF FF >
5:2015 May 15 14:46:04:BMC:bioscom:-- lv_mode_dimm_support.c:126:
[lpc_reset_seen]LPC Reset Count is Different [0x5:0x6] Asserted LPC Reset Seen
5:2015 May 15 14:46:04:BMC:IPMI:567: Bridge.c:1388:audit from:kcs Fn:0x4 Cmd:0x28 Resp:0x0
5:2015 May 15 14:46:04:BMC:IPMI:567: Bridge.c:1415:audit data&colon; 0x9 0x80
5:2015 May 15 14:46:04:BMC:IPMI:567: Bridge.c:1388:audit from:kcs Fn:0x4 Cmd:0x28 Resp:0x0
5:2015 May 15 14:46:04:BMC:IPMI:567: Bridge.c:1415:audit data&colon; 0xa 0x80
5:2015 May 15 14:46:04:BMC:bioscom:-- lv_mode_dimm_support.c:197:
[transition_function]Starting Transition to [High Voltage Mode] from [Unknown Mode]
5:2015 May 15 14:46:04:BMC:IPMI:567: Bridge.c:1388:audit from:kcs Fn:0x4 Cmd:0x28 Resp:0x0
5:2015 May 15 14:46:04:BMC:IPMI:567: Bridge.c:1415:audit data&colon; 0x9 0x80
5:2015 May 15 14:46:04:BMC:IPMI:567: Bridge.c:1388:audit from:kcs Fn:0x4 Cmd:0x28 Resp:0x0
5:2015 May 15 14:46:04:BMC:IPMI:567: Bridge.c:1415:audit data&colon; 0xa 0x80
5:2015 May 15 14:46:04:BMC:IPMI:567: Bridge.c:1388:audit from:kcs Fn:0x4 Cmd:0x26 Resp:0x0
5:2015 May 15 14:46:04:BMC:IPMI:567: Bridge.c:1415:audit data&colon; 0x9 0x36
0x92 0x92 0x89 0x9f 0x9f 0xa8
5:2015 May 15 14:46:04:BMC:IPMI:567: Bridge.c:1388:audit from:kcs Fn:0x4
Cmd:0x26 Resp:0x0
5:2015 May 15 14:46:04:BMC:IPMI:567: Bridge.c:1415:audit data&colon; 0xa
0x36 0x92 0x92 0x89 0x9f 0x9f 0xa8
5:2015 May 15 14:46:04:BMC:bioscom:-- lv_mode_dimm_support.c:217:
[transition_function]Transition to [High Voltage Mode] Success
5:2015 May 15 14:46:04:BMC:IPMI:572: VirtualSEL.c:224:SEL Evt[4A 03]
< 4A 03 02 AC 06 56 55 20 00 04 24 59 7F 04 88 36 >
5:2015 May 15 14:46:04:BMC:IPMI:572: VirtualSEL.c:224:SEL Evt[4B 03]
< 4B 03 02 AC 06 56 55 20 00 04 08 61 EF 03 FF FF >
5:2015 May 15 14:46:05:BMC:IPMI:572: VirtualSEL.c:224:SEL Evt[4C 03]
< 4C 03 02 AD 06 56 55 20 00 04 24 B0 7F 00 88 36 >
5:2015 May 15 14:46:06:BMC:bioscom:-- lv_mode_dimm_support.c:311:
[handle_event_enable_tick]enable sensor event
5:2015 May 15 14:46:06:BMC:IPMI:567: Bridge.c:1388:audit from:kcs Fn:0x4 Cmd:0x28 Resp:0x0
5:2015 May 15 14:46:06:BMC:IPMI:567: Bridge.c:1415:audit data&colon; 0x9 0xc0
```

```
5:2015 May 15 14:46:06:BMC:IPMI:567: Bridge.c:1388:audit from:kcs Fn:0x4 Cmd:0x28 Resp:0x0
5:2015 May 15 14:46:06:BMC:IPMI:567: Bridge.c:1415:audit data&colon; 0xa 0xc0
```

Marque los registros de ESXi para más información sobre porqué el OS inició este evento.

- /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
```

Para más extremidades en cómo resolver problemas las reinicializaciones RHEL, vea este [Red Hat KB article](#).

Registro de eventos de Windows

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-5JPBKNNMRRNF) has initiated the restart of computer WIN-5JPBKNNMRRNF on behalf of user WIN-5JPBKNNMRRNF\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.

Para más extremidades en los registros de eventos de Windows, marque hacia fuera este [artículo de TechNet](#).

Apague del OS - ESXi, RHEL, y Windows

Registro OBFL:

```
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 abrted: 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.
```

Registro de eventos de Windows

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.

Poder encendido a partir de la CIMC

Registro OBFL:

```
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

```

Ciclo del poder a partir de la CIMC

Registro OBFL

```

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
```

Poder apagado a partir de la CIMC

Registro OBFL

```
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/usbl.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.
```

Pérdida de energía del error PSU

Registro OBFL

```
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

```

Poder delantero del botón apagado

Registro OBFL

```

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/usbl1.1/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/usbl1.1/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

```

Poder delantero del botón encendido

Registro OBFL

```
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/usbl1.1/se_pilot2
_udc_usbl1.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/usbl1.1/se_pilot2_
udc_usbl1.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
```

Información Relacionada

- [Troubleshooting de la reinicialización de la serie C - Publicado de diciembre el 06 de 2012](#)
- [Soporte Técnico y Documentación - Cisco Systems](#)