



Informe de actividades

**Diagnóstico m5000 / serial BEF0843067
(sg02-00 /sg02-01)**

Cliente: Telefónica/Movistar

Lunes 16/08/2022



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Informe del Servicio

Realizado por:	TCS, TECHNOLOGY CONSULTING SOLUTIONS, C.A.
Field Engineers:	Daniel Barreto, Franz Gonzalez
Help Desk Engineer:	Dennys Alvarez
Inicio de actividad:	Martes 16 de agosto de 2022 / 08:00 hrs
Fin de la actividad:	Martes 16 de agosto de 2022 / 11:30 hrs
Número de SR:	Ticket GLPI #2701. Actividad de rescate con urgencia
Rol del equipo TCS:	Diagnóstico técnico e implementación de soluciones
Documentos adicionales:	<ul style="list-style-type: none">● Documentación técnica de Oracle a través del portal MyOracleSupport.com

Revisiones del documento

Fecha	Revisión	Incidencia
16/08/2022	v1.0	Diagnóstico / PwrCycling / Resolución del caso

Actividades

<i>Fecha/Hora</i>	<i>Actividades Realizadas</i>
<p>Mar 16/08/22 08:00 hrs – 11:30 hrs</p>	<ul style="list-style-type: none"> • Se realizó visita al Data Center, a la sala donde se encuentra ubicado el equipo. • Se procedió a realizar los descartes pertinentes: Inspección Visual, revisión de conexiones, revisión de condiciones de temperatura adecuadas para su correcto funcionamiento y revisión de la XSCF a través del puerto serial. • Se realizaron las validaciones de Corriente y Temperatura, así como de fallas en general que arrojará la XSCF • Se realizó un Power Cycling del equipo y se analizaron los valores de Corriente, Temperatura y fallas en general del equipo. • Se analizó el status de fallas mediante el comando showhardconf para determinar la causa de la caída del equipo. • Se realizó un nuevo Power Cycling para poder ejecutar un Swapping de las DDC_B 0 y 1. • Se realizó un nuevo análisis mediante el comando showhardconf. • Se procedió a levantar el domain 0 del equipo (SG02-00) y el boot del mismo a través del root mirror. En este particular es importante destacar que en la actividad de rescate anterior a este equipo, fue restaurado desde legato por el Sr. Carlos Quintero, utilizando un DVD de Solaris 10 e instaló un sistema base en c0t0d0 para legato y restaurar en c0t1d0. Por consiguiente, el sistema operativo que se encuentra en producción está en el <i>disco mirror</i> y el <i>SVM no tiene redundancia de los slices</i>. Se notificó vía chat a Willman Delgado / Omar Armas en el momento en que subió el SO para que el stakeholder procediera a levantar servicios. • Se procedió a levantar el domain 1 desde el root disk. Se notificó vía chat a Willman Delgado / Omar Armas en el momento en que subió el SO para que el stakeholder procediera a levantar servicios. • Ambos SO levantaron con warnings. • Se ejecutó un nuevo análisis del equipo mediante

	<p>el comando showhardconf. La DDC_B quedó funcionando degradada pero en status totalmente operativo.</p> <ul style="list-style-type: none"> • Se extrajeron los logs para su posterior verificación por parte el equipo de HelpDesk. • Se extrajo un snapshot del equipo y se envió al Help Desk de TCS para ser examinado. • El equipo HelpDesk determinará el status actual del equipo para emitir una solución técnica recomendada.
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Diagnóstico Inicial del equipo Help Desk TCS

```

XSCF> showhardconf
SPARC Enterprise M5000;
+ Serial:BEF0843067; Operator_Panel_Switch:Locked;
+ Power_Supply_System:Single; SCF-ID:XSCF#0;
+ System_Power:Off; System_Phase:Cabinet Power Off;
Domain#0 Domain_Status:Powered Off;
Domain#1 Domain_Status:Powered Off;

* MBU_B Status:Degraded; Ver:0201h; Serial:BE08411AE7 ;
+ FRU-Part-Number:CF00541-0478 07 /541-0478-07 ;
+ Memory_Size:128 GB;
+ Type:1;

* CPUM#0-CHIP#0 Status:Deconfigured; Ver:0401h; Serial:PP083402LM ;
+ FRU-Part-Number:CA06761-D202 C0 /375-3568-03 ;
+ Freq:2.400 GHz; Type:32;
+ Core:4; Strand:2;

* CPUM#0-CHIP#1 Status:Deconfigured; Ver:0401h; Serial:PP083402LM ;
+ FRU-Part-Number:CA06761-D202 C0 /375-3568-03 ;
+ Freq:2.400 GHz; Type:32;
+ Core:4; Strand:2;

* CPUM#1-CHIP#0 Status:Deconfigured; Ver:0401h; Serial:PP083504XF ;
+ FRU-Part-Number:CA06761-D202 C0 /375-3568-03 ;
+ Freq:2.400 GHz; Type:32;
+ Core:4; Strand:2;

* CPUM#1-CHIP#1 Status:Deconfigured; Ver:0401h; Serial:PP083504XF ;
+ FRU-Part-Number:CA06761-D202 C0 /375-3568-03 ;
+ Freq:2.400 GHz; Type:32;
+ Core:4; Strand:2;

* CPUM#2-CHIP#0 Status:Deconfigured; Ver:0401h; Serial:PP083504X1 ;
+ FRU-Part-Number:CA06761-D202 C0 /375-3568-03 ;
+ Freq:2.400 GHz; Type:32;
+ Core:4; Strand:2;

* CPUM#2-CHIP#1 Status:Deconfigured; Ver:0401h; Serial:PP083504X1 ;
+ FRU-Part-Number:CA06761-D202 C0 /375-3568-03 ;
+ Freq:2.400 GHz; Type:32;
+ Core:4; Strand:2;

* CPUM#3-CHIP#0 Status:Deconfigured; Ver:0401h; Serial:PP083504WZ ;
+ FRU-Part-Number:CA06761-D202 C0 /375-3568-03 ;
+ Freq:2.400 GHz; Type:32;
+ Core:4; Strand:2;

* CPUM#3-CHIP#1 Status:Deconfigured; Ver:0401h; Serial:PP083504WZ ;
+ FRU-Part-Number:CA06761-D202 C0 /375-3568-03 ;
+ Freq:2.400 GHz; Type:32;
+ Core:4; Strand:2;

* MEMB#0 Status:Deconfigured; Ver:0101h; Serial:NN1306GW79 ;
+ FRU-Part-Number:CF00541-4593 01 /541-4593-01 ;

```

```

*      MEM#0A Status:Deconfigured;
        + Code:ce0000000000000001M3 93T5160FBA-CE6 4146-2346c46b;
        + Type:4B; Size:4 GB;
*
*      MEM#0B Status:Deconfigured;
        + Code:ce0000000000000001M3 93T5160FBA-CE6 4146-2346c4d6;
        + Type:4B; Size:4 GB;
*
*      MEM#1A Status:Deconfigured;
        + Code:ce0000000000000001M3 93T5160FBA-CE6 4146-2346c4d1;
        + Type:4B; Size:4 GB;
*
*      MEM#1B Status:Deconfigured;
        + Code:ce0000000000000001M3 93T5160FBA-CE6 4146-2346c4ce;
        + Type:4B; Size:4 GB;
*
*      MEM#2A Status:Deconfigured;
        + Code:ce0000000000000001M3 93T5160FBA-CE6 4146-2346c4b0;
        + Type:4B; Size:4 GB;
*
*      MEM#2B Status:Deconfigured;
        + Code:ce0000000000000001M3 93T5160FBA-CE6 4146-2346c4e1;
        + Type:4B; Size:4 GB;
*
*      MEM#3A Status:Deconfigured;
        + Code:ce0000000000000001M3 93T5160FBA-CE6 4146-2346c500;
        + Type:4B; Size:4 GB;
*
*      MEM#3B Status:Deconfigured;
        + Code:ce0000000000000001M3 93T5160FBA-CE6 4146-2346c55f;
        + Type:4B; Size:4 GB;
*
MEMB#1 Status:Deconfigured; Ver:0101h; Serial:NN1302GE68 ;
        + FRU-Part-Number:CF00541-4593 01 /541-4593-01 ;
*
*      MEM#0A Status:Deconfigured;
        + Code:ce0000000000000001M3 93T5160FBA-CE6 4146-234759c5;
        + Type:4B; Size:4 GB;
*
*      MEM#0B Status:Deconfigured;
        + Code:ce0000000000000001M3 93T5160FBA-CE6 4146-234759ca;
        + Type:4B; Size:4 GB;
*
*      MEM#1A Status:Deconfigured;
        + Code:ce0000000000000001M3 93T5160FBA-CE6 4146-234759c3;
        + Type:4B; Size:4 GB;
*
*      MEM#1B Status:Deconfigured;
        + Code:ce0000000000000001M3 93T5160FBA-CE6 4146-234759b4;
        + Type:4B; Size:4 GB;
*
*      MEM#2A Status:Deconfigured;
        + Code:ce0000000000000001M3 93T5160FBA-CE6 4146-234759c4;
        + Type:4B; Size:4 GB;
*
*      MEM#2B Status:Deconfigured;
        + Code:ce0000000000000001M3 93T5160FBA-CE6 4146-234759c8;
        + Type:4B; Size:4 GB;
*
*      MEM#3A Status:Deconfigured;
        + Code:ce0000000000000001M3 93T5160FBA-CE6 4146-23475a1b;
        + Type:4B; Size:4 GB;
*
*      MEM#3B Status:Deconfigured;
        + Code:ce0000000000000001M3 93T5160FBA-CE6 4146-234759fe;
        + Type:4B; Size:4 GB;
*
MEMB#4 Status:Deconfigured; Ver:0101h; Serial:BF0840L0W9 ;
        + FRU-Part-Number:CF00541-0545 06 /541-0545-06 ;
*
*      MEM#0A Status:Deconfigured;
        + Code:ce0000000000000001M3 93T5750EZA-CE6 4145-475cea21;
        + Type:2B; Size:2 GB;
*
*      MEM#0B Status:Deconfigured;
        + Code:ce0000000000000001M3 93T5750EZA-CE6 4145-475cea64;
        + Type:2B; Size:2 GB;
*
*      MEM#1A Status:Deconfigured;
        + Code:ce0000000000000001M3 93T5750EZA-CE6 4145-475cea1b;
        + Type:2B; Size:2 GB;

```



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*      MEM#1B Status:Deconfigured;
        + Code:ce0000000000000001M3 93T5750EZA-CE6 4145-475cea1d;
        + Type:2B; Size:2 GB;
*
*      MEM#2A Status:Deconfigured;
        + Code:ce0000000000000001M3 93T5750EZA-CE6 4145-475ceb8f;
        + Type:2B; Size:2 GB;
*
*      MEM#2B Status:Deconfigured;
        + Code:ce0000000000000001M3 93T5750EZA-CE6 4145-475cebc8;
        + Type:2B; Size:2 GB;
*
*      MEM#3A Status:Deconfigured;
        + Code:ce0000000000000001M3 93T5750EZA-CE6 4145-475cea59;
        + Type:2B; Size:2 GB;
*
*      MEM#3B Status:Deconfigured;
        + Code:ce0000000000000001M3 93T5750EZA-CE6 4145-475ce9c0;
        + Type:2B; Size:2 GB;
*
MEMB#5 Status:Deconfigured; Ver:0101h; Serial:BF0840KXWD ;
+ FRU-Part-Number:CF00541-0545 06 /541-0545-06 ;
*
*      MEM#0A Status:Deconfigured;
        + Code:ce0000000000000001M3 93T5750EZA-CE6 4145-475ce57e;
        + Type:2B; Size:2 GB;
*
*      MEM#0B Status:Deconfigured;
        + Code:ce0000000000000001M3 93T5750EZA-CE6 4145-475ce51a;
        + Type:2B; Size:2 GB;
*
*      MEM#1A Status:Deconfigured;
        + Code:ce0000000000000001M3 93T5750EZA-CE6 4145-475ce519;
        + Type:2B; Size:2 GB;
*
*      MEM#1B Status:Deconfigured;
        + Code:ce0000000000000001M3 93T5750EZA-CE6 4145-475ce51b;
        + Type:2B; Size:2 GB;
*
*      MEM#2A Status:Deconfigured;
        + Code:ce0000000000000001M3 93T5750EZA-CE6 4145-475ce9d7;
        + Type:2B; Size:2 GB;
*
*      MEM#2B Status:Deconfigured;
        + Code:ce0000000000000001M3 93T5750EZA-CE6 4145-475ce9d9;
        + Type:2B; Size:2 GB;
*
*      MEM#3A Status:Deconfigured;
        + Code:ce0000000000000001M3 93T5750EZA-CE6 4145-475ce9d2;
        + Type:2B; Size:2 GB;
*
*      MEM#3B Status:Deconfigured;
        + Code:ce0000000000000001M3 93T5750EZA-CE6 4145-475ce97a;
        + Type:2B; Size:2 GB;
*
MEMB#6 Status:Deconfigured; Ver:0101h; Serial:BF0840KVTC ;
+ FRU-Part-Number:CF00541-0545 06 /541-0545-06 ;
*
*      MEM#0A Status:Deconfigured;
        + Code:ce0000000000000001M3 93T5750EZA-CE6 4145-475cea1c;
        + Type:2B; Size:2 GB;
*
*      MEM#0B Status:Deconfigured;
        + Code:ce0000000000000001M3 93T5750EZA-CE6 4145-475cea20;
        + Type:2B; Size:2 GB;
*
*      MEM#1A Status:Deconfigured;
        + Code:ce0000000000000001M3 93T5750EZA-CE6 4145-475cea25;
        + Type:2B; Size:2 GB;
*
*      MEM#1B Status:Deconfigured;
        + Code:ce0000000000000001M3 93T5750EZA-CE6 4145-475cea26;
        + Type:2B; Size:2 GB;
*
*      MEM#2A Status:Deconfigured;
        + Code:ce0000000000000001M3 93T5750EZA-CE6 4145-475cea1f;
        + Type:2B; Size:2 GB;
*
*      MEM#2B Status:Deconfigured;
        + Code:ce0000000000000001M3 93T5750EZA-CE6 4145-475cea6f;
        + Type:2B; Size:2 GB;

```

```

*      MEM#3A Status:Deconfigured;
        + Code:ce0000000000000001M3 93T5750EZA-CE6 4145-475cea22;
        + Type:2B; Size:2 GB;
*      MEM#3B Status:Deconfigured;
        + Code:ce0000000000000001M3 93T5750EZA-CE6 4145-475cea23;
        + Type:2B; Size:2 GB;
*      MEMB#7 Status:Deconfigured; Ver:0101h; Serial:BF0840L0VP ;
        + FRU-Part-Number:CF00541-0545 06 /541-0545-06 ;
*      MEM#0A Status:Deconfigured;
        + Code:ce0000000000000001M3 93T5750EZA-CE6 4145-475cea31;
        + Type:2B; Size:2 GB;
*      MEM#0B Status:Deconfigured;
        + Code:ce0000000000000001M3 93T5750EZA-CE6 4145-475cea2e;
        + Type:2B; Size:2 GB;
*      MEM#1A Status:Deconfigured;
        + Code:ce0000000000000001M3 93T5750EZA-CE6 4145-475ce9f3;
        + Type:2B; Size:2 GB;
*      MEM#1B Status:Deconfigured;
        + Code:ce0000000000000001M3 93T5750EZA-CE6 4145-475cea2f;
        + Type:2B; Size:2 GB;
*      MEM#2A Status:Deconfigured;
        + Code:ce0000000000000001M3 93T5750EZA-CE6 4145-475ce9fb;
        + Type:2B; Size:2 GB;
*      MEM#2B Status:Deconfigured;
        + Code:ce0000000000000001M3 93T5750EZA-CE6 4145-475cea24;
        + Type:2B; Size:2 GB;
*      MEM#3A Status:Deconfigured;
        + Code:ce0000000000000001M3 93T5750EZA-CE6 4145-475cea27;
        + Type:2B; Size:2 GB;
*      MEM#3B Status:Deconfigured;
        + Code:ce0000000000000001M3 93T5750EZA-CE6 4145-475cea2a;
        + Type:2B; Size:2 GB;
*      DDC_A#0 Status:Deconfigured;
*      DDC_A#1 Status:Deconfigured;
*      DDC_A#2 Status:Deconfigured;
*      DDC_A#3 Status:Deconfigured;
*      DDC_B#0 Status:Faulted;
*      DDC_B#1 Status:Deconfigured;
*      IOU#0 Status:Deconfigured; Ver:0101h; Serial:BF0829FQXU ;
        + FRU-Part-Number:CF00541-2240 03 /541-2240-03 ;
        + Type:1;
*      DDC_A#0 Status:Deconfigured;
*      DDCR Status:Deconfigured;
*      DDC_B#0 Status:Deconfigured;
*      IOU#1 Status:Deconfigured; Ver:0101h; Serial:BF0837JTH4 ;
        + FRU-Part-Number:CF00541-2240 03 /541-2240-03 ;
        + Type:1;
*      DDC_A#0 Status:Deconfigured;
*      DDCR Status:Deconfigured;
*      DDC_B#0 Status:Deconfigured;
*      XSCFU Status:Normal;Active; Ver:0101h; Serial:NN11528MF6 ;
        + FRU-Part-Number:CF00541-0481 05 /541-0481-05 ;
*      OPNL Status:Normal; Ver:0101h; Serial:BF0826EVAN ;
        + FRU-Part-Number:CF00541-0850 06 /541-0850-06 ;
*      PSU#0 Status:Normal; Serial:0017527-0830012472;
        + FRU-Part-Number:CF00300-2011 0150 /300-2011-01-50;
        + Power_Status:Off; AC:200 V;
*      PSU#1 Status:Normal; Serial:0017527-0830012464;
        + FRU-Part-Number:CF00300-2011 0150 /300-2011-01-50;
        + Power_Status:Off; AC:200 V;

```



```
PSU#2 Status:Normal; Serial:0017527-0830012471;
+ FRU-Part-Number:CF00300-2011 0150 /300-2011-01-50;
+ Power_Status:Off; AC:200 V;
PSU#3 Status:Normal; Serial:0017527-0830012460;
+ FRU-Part-Number:CF00300-2011 0150 /300-2011-01-50;
+ Power_Status:Off; AC:200 V;
FANBP_C Status:Normal; Ver:0301h; Serial:BF0837JMN3 ;
+ FRU-Part-Number:CF00541-0848 05 /541-0848-05 ;
FAN_A#0 Status:Normal;
FAN_A#1 Status:Normal;
FAN_A#2 Status:Normal;
FAN_A#3 Status:Normal;
```

Previo al Power Cycling, se realizó una limpieza de la falla y Posteriormente, se realizó el swapping de las ddc-B 0 y 1. Al completarse el boot de la XSCF, se ejecutó un nuevo showhardconf

```
XSCF> clearfault MBU_B/DDC_B#0
This command must only be used at the request of a product support engineer.
Continue? [y|n]: y
clearfault: Fault cannot be cleared for this FRU.
FRU will be marked to clear fault on next circuit breaker off and on.
Continue? [y|n]: y
Fault will be cleared after circuit breaker off and on
XSCF>
XSCF> showstatus
*   MBU_B Status:Degraded;
*
*   CPUM#0-CHIP#0 Status:Deconfigured;
*   CPUM#0-CHIP#1 Status:Deconfigured;
*   CPUM#1-CHIP#0 Status:Deconfigured;
*   CPUM#1-CHIP#1 Status:Deconfigured;
*   CPUM#2-CHIP#0 Status:Deconfigured;
*   CPUM#2-CHIP#1 Status:Deconfigured;
*   CPUM#3-CHIP#0 Status:Deconfigured;
*   CPUM#3-CHIP#1 Status:Deconfigured;
*   MEMB#0 Status:Deconfigured;
*       MEM#0A Status:Deconfigured;
*       MEM#0B Status:Deconfigured;
*       MEM#1A Status:Deconfigured;
*       MEM#1B Status:Deconfigured;
*       MEM#2A Status:Deconfigured;
*       MEM#2B Status:Deconfigured;
*       MEM#3A Status:Deconfigured;
*       MEM#3B Status:Deconfigured;
*   MEMB#1 Status:Deconfigured;
*       MEM#0A Status:Deconfigured;
*       MEM#0B Status:Deconfigured;
*       MEM#1A Status:Deconfigured;
*       MEM#1B Status:Deconfigured;
*       MEM#2A Status:Deconfigured;
*       MEM#2B Status:Deconfigured;
*       MEM#3A Status:Deconfigured;
*       MEM#3B Status:Deconfigured;
*   MEMB#4 Status:Deconfigured;
*       MEM#0A Status:Deconfigured;
*       MEM#0B Status:Deconfigured;
*       MEM#1A Status:Deconfigured;
```

```

*      MEM#1B Status:Deconfigured;
*      MEM#2A Status:Deconfigured;
*      MEM#2B Status:Deconfigured;
*      MEM#3A Status:Deconfigured;
*      MEM#3B Status:Deconfigured;
*      MEMB#5 Status:Deconfigured;
*      MEM#0A Status:Deconfigured;
*      MEM#0B Status:Deconfigured;
*      MEM#1A Status:Deconfigured;
*      MEM#1B Status:Deconfigured;
*      MEM#2A Status:Deconfigured;
*      MEM#2B Status:Deconfigured;
*      MEM#3A Status:Deconfigured;
*      MEM#3B Status:Deconfigured;
*      MEMB#6 Status:Deconfigured;
*      MEM#0A Status:Deconfigured;
*      MEM#0B Status:Deconfigured;
*      MEM#1A Status:Deconfigured;
*      MEM#1B Status:Deconfigured;
*      MEM#2A Status:Deconfigured;
*      MEM#2B Status:Deconfigured;
*      MEM#3A Status:Deconfigured;
*      MEM#3B Status:Deconfigured;
*      MEMB#7 Status:Deconfigured;
*      MEM#0A Status:Deconfigured;
*      MEM#0B Status:Deconfigured;
*      MEM#1A Status:Deconfigured;
*      MEM#1B Status:Deconfigured;
*      MEM#2A Status:Deconfigured;
*      MEM#2B Status:Deconfigured;
*      MEM#3A Status:Deconfigured;
*      MEM#3B Status:Deconfigured;
*      DDC_A#0 Status:Deconfigured;
*      DDC_A#1 Status:Deconfigured;
*      DDC_A#2 Status:Deconfigured;
*      DDC_A#3 Status:Deconfigured;
*      DDC_B#0 Status:Faulted;
*      DDC_B#1 Status:Deconfigured;
*      IOU#0 Status:Deconfigured;
*      DDC_A#0 Status:Deconfigured;
*      DDCR Status:Deconfigured;
*      DDC_B#0 Status:Deconfigured;
*      IOU#1 Status:Deconfigured;
*      DDC_A#0 Status:Deconfigured;
*      DDCR Status:Deconfigured;
*      DDC_B#0 Status:Deconfigured;
XSCF>

```

reboot 10:04 am

```

XSCF uboot 01100001 (Feb 3 2011 - 14:43:12)

SCF board boot factor = a080
memory test ..
Memory compare test
.....finish
    DDR Real size: 256 MB
    DDR: 224 MB

## Booting image at ff800000 ...
Image Name: XSCF kernel 01120001 2.6.11.12-s
Image Type: PowerPC Linux Kernel Image (gzip compressed)
Data Size: 1459017 Bytes = 1.4 MB
Load Address: 00000000
Entry Point: 00000000
Verifying Checksum ... OK
Uncompressing Kernel Image ... OK
## Loading RAMDisk Image at ff980000 ...
Image Name: XSCF rootfs 01120001 ,2016/01/28
Image Type: PowerPC Linux RAMDisk Image (gzip compressed)
Data Size: 5657763 Bytes = 5.4 MB
Load Address: 00000000
Entry Point: 00000000
Verifying Checksum ... OK
Loading Ramdisk to 0ba9a000, end 0bfff4a3 ... OK
Linux version 2.6.11.12-sec (gcc version 3.4.4) #1 Thu Jan 28 15:37:25 JST 2016
new message buffer at 0f700000 size 1048576
log_buf_len: 1048576
mpc85xx_cds_setup_arch
Built 1 zonelists
Kernel command line: root=/dev/ram rw console=ttyS0,9600 init=/sbin/init_change_root panic=1
mem=224M
OpenPIC Version 1.2 (1 CPUs and 44 IRQ sources) at fbe79000
PID hash table entries: 1024 (order: 10, 16384 bytes)
Dentry cache hash table entries: 32768 (order: 5, 131072 bytes)
Inode-cache hash table entries: 16384 (order: 4, 65536 bytes)
Memory: 218496k available (2192k kernel code, 672k data, 320k init, 0k highmem)
Mount-cache hash table entries: 512 (order: 0, 4096 bytes)
Freeing initrd memory: 5525k freed
RAMDISK driver initialized: 16 RAM disks of 32768K size 1024 blocksize
i2c-algo-cpm: CPM2 I2C algorithm module version 0.1 (Mar 22, 2005)
FCC ENET Version 0.3
TCP established hash table entries: 8192 (order: 4, 65536 bytes)
TCP bind hash table entries: 8192 (order: 3, 32768 bytes)
ip_tables: (C) 2000-2002 Netfilter core team
arp_tables: (C) 2002 David S. Miller
EXT2-fs warning: checktime reached, running e2fsck is recommended
VFS: Mounted root (ext2 filesystem).
Freeing unused kernel memory: 320k init
switching initrd filesystem, ramdisk to tmpfs
SCF Linux Boot Script 2006/03/04 for ROM boot environment
fsl-sec2 hardware crypt accelerator model3a ver 0.02 enabled

XSCF initial process start (pid=106)

load /scf/modules/lites_ldrv.ko -- complete
load /scf/modules/drvscftrace.ko -- complete
load /scf/modules/sec2_rsa.ko -- complete
load /scf/modules/sec2_md5.ko -- complete
load /scf/modules/sec2_des.ko -- complete
load /scf/modules/sec2_arc4.ko -- complete
load /scf/modules/sec2_aes.ko -- complete
load /scf/modules/sec2_sha256.ko -- complete
load /scf/modules/sec2_sha1.ko -- complete
load /scf/modules/hw_random.ko -- complete
load /scf/modules/scsi_mod.ko -- complete

```

```

load /scf/modules/sd_mod.ko -- complete
load /scf/modules/usbcore.ko -- complete
load /scf/modules/ohci-hcd.ko -- complete
load /scf/modules/usb-storage.ko -- complete
load /scf/modules/drvbootfmem.ko -- complete
load /scf/modules/drvmbc.ko -- complete
load /scf/modules/drvnand.ko -- complete
load /scf/modules/drvffc.ko -- complete
load /scf/modules/drvfffcint.ko -- complete
load /scf/modules/drvrtc.ko -- complete
load /scf/modules/drvxscfuart.ko -- complete
load /scf/modules/drvrci.ko -- complete
load /scf/modules/drvtimer.ko -- complete
load /scf/modules/drvsdic.ko -- complete
load /scf/modules/sm2s.ko -- complete
load /scf/modules/spkmdrv.ko -- complete
mount /dev/mtdblock7 -> /hcp1/linux -- complete
mount /dev/mtdblock8 -> /hcp1/scfprog -- complete
mount /dev/mtdblock9 -> /hcp1/gendata -- complete
mount /dev/mtdblock10 -> /hcp1/remcscm -- complete
mount /dev/mtdblock4 -> /hcpcommon/setup -- complete
mount /dev/mtdblock5 -> /hcpcommon/obp -- complete
mount /dev/mtdblock6 -> /hcpcommon/tmp -- complete
mount /dev/mtdblock11 -> /hcpcommon/var -- complete
mount /dev/mtdblock12 -> /hcpcommon/scflog1 -- complete
mount /dev/mtdblock13 -> /hcpcommon/scflog2 -- complete
execute S00mtab -- complete
execute S00portmap -- complete
execute S00tmpmake -- complete
execute S00varclean -- complete
execute S10ldconfig -- complete
execute S15db_move -- complete
execute S15last_dmesg -- complete
execute S20cfgcreate -- complete
execute S50iptables -- complete
execute S60check -- complete
execute S61restore -- complete
execute S99syslogd -- complete
initialize XSCF common database (STANDALONE) -- complete
start /scf/sbin/dbs (pid=352)
start /scf/sbin/ksyseventd (pid=353)
start /scf/sbin/syseventd (pid=358)
start /scf/init/scf_cmgrd (pid=373)
start /scf/init/scf_coremgr (pid=374)
start /scf/init/dualprocess (pid=375)
check SCF operation mode (for OPNL access) -- complete
initialize OPNL -- complete
check SCF operation mode -- complete (ACTIVE)
start /scf/sbin/dbs (pid=387)
initialize XSCF common database (OWN) -- complete
synchronize setup data (XSCF -> OPNL) -- complete
initialize XSCF common database (ACTIVE) -- complete
wait for database synchronization -- complete
execute S00clis_all -- complete
execute S10restore_ad -- complete
execute S10restore_um -- complete
execute S11network.sheth0: PHY is Intel LXT972A (1378e2)
eth1: PHY is Intel LXT972A (1378e2)
-- complete
execute S15ntpcheck.sh -- complete
execute S21daemons -- complete
execute S51scflog_SCFboot.sh -- complete
execute S82cod -- complete
execute S98bui -- complete
execute S00clis_active -- complete
execute S00cmem_check -- complete
execute S00tmp_login -- complete

```

```

execute S18restorefmdlog -- complete
execute S19setfmurl -- complete
execute S29setfmconf -- complete
execute S50setupSCFboot.sh -- complete
execute S83setservicetagdata -- complete
start /scf/sbin/scf_panelmgr (pid=803)
start /scf/sbin/fmdsyncd (pid=804)
start /scf/sbin/auditd (pid=806)
start /scf/sbin/cmd (pid=807)
start /scf/sbin/cmd_sub (pid=808)
start /scf/sbin/errhandd (pid=809)
start /scf/sbin/fjdrd (pid=810)
start /scf/sbin/frura (pid=811)
start /scf/sbin/mond (pid=812)
start /scf/sbin/mond (pid=813)
start /scf/sbin/powerd (pid=814)
start /scf/sbin/rci (pid=815)
start /scf/sbin/rci_dual (pid=816)
start /scf/sbin/reset (pid=817)
start /scf/sbin/resetra (pid=818)
start /scf/sbin/rsyncprocess (pid=819)
start /scf/sbin/scf_firmup_exed (pid=820)
start /scf/sbin/scf_hardlog (pid=821)
start /scf/sbin/scf_loganalyze (pid=822)
start /scf/sbin/scf_procmeas (pid=823)
start /scf/sbin/sequence (pid=824)
start /scf/sbin/ttyd (pid=825)
start /scf/sbin/apcsd (pid=826)
start /scf/sbin/codd (pid=827)
start /scf/sbin/scf_firmup_ctld (pid=828)
start /scf/sbin/fmd (pid=829)
start /scf/sbin/dscpd (pid=867)
start /scf/sbin/monitor_msg (pid=868)
start /scf/sbin/picld (pid=869)
start /scf/sbin/sunmcgrund (pid=870)
start /scf/sbin/stdiscoverer (pid=871)
start /scf/sbin/stllistener (pid=872)
start /scf/sbin/dfrud (pid=873)
start /scf/sbin/iomgrd (pid=874)
start /scf/sbin/archd (pid=919)
wait for SCF_READY -- complete
execute S20setupSCFready.sh -- complete
execute S99rcclear -- complete
execute S10iobox_scan -- complete
execute S10restore_ad -- complete
execute S10restore_um -- complete
execute S84snmpd -- complete
execute S85sunmc_esd -- complete
execute S86limits -- complete
execute S87opnl -- complete
execute S88patroldiag.sh -- complete
execute S99dr_recover.sh -- complete
XSCF Initialize complete.

```

Aug 16 09:44:46 rscsg02 XSCF[106]: XSCF Initialize complete.

XSCF> **showhardconf**

```

SPARC Enterprise M5000;
+ Serial:BEF0843067; Operator_Panel_Switch:Locked;
+ Power_Supply_System:Single; SCF-ID:XSCF#0;
+ System_Power:Off; System_Phase:Cabinet Power Off;
Domain#0 Domain_Status:Powered Off;
Domain#1 Domain_Status:Powered Off;

```

```

* MBU_B Status: Degraded; Ver:0201h; Serial:BE08411AE7 ;
+ FRU-Part-Number:CF00541-0478 07 /541-0478-07 ;

```

```
+ Memory-Size:128 GB;
+ Type:1;
CPUM#0-CHIP#0 Status:Normal; Ver:0401h; Serial:PP083402LM ;
+ FRU-Part-Number:CA06761-D202 C0 /375-3568-03 ;
+ Freq:2.400 GHz; Type:32;
+ Core:4; Strand:2;
CPUM#0-CHIP#1 Status:Normal; Ver:0401h; Serial:PP083402LM ;
+ FRU-Part-Number:CA06761-D202 C0 /375-3568-03 ;
+ Freq:2.400 GHz; Type:32;
+ Core:4; Strand:2;
CPUM#1-CHIP#0 Status:Normal; Ver:0401h; Serial:PP083504XF ;
+ FRU-Part-Number:CA06761-D202 C0 /375-3568-03 ;
+ Freq:2.400 GHz; Type:32;
+ Core:4; Strand:2;
CPUM#1-CHIP#1 Status:Normal; Ver:0401h; Serial:PP083504XF ;
+ FRU-Part-Number:CA06761-D202 C0 /375-3568-03 ;
+ Freq:2.400 GHz; Type:32;
+ Core:4; Strand:2;
CPUM#2-CHIP#0 Status:Normal; Ver:0401h; Serial:PP083504X1 ;
+ FRU-Part-Number:CA06761-D202 C0 /375-3568-03 ;
+ Freq:2.400 GHz; Type:32;
+ Core:4; Strand:2;
CPUM#2-CHIP#1 Status:Normal; Ver:0401h; Serial:PP083504X1 ;
+ FRU-Part-Number:CA06761-D202 C0 /375-3568-03 ;
+ Freq:2.400 GHz; Type:32;
+ Core:4; Strand:2;
CPUM#3-CHIP#0 Status:Normal; Ver:0401h; Serial:PP083504WZ ;
+ FRU-Part-Number:CA06761-D202 C0 /375-3568-03 ;
+ Freq:2.400 GHz; Type:32;
+ Core:4; Strand:2;
CPUM#3-CHIP#1 Status:Normal; Ver:0401h; Serial:PP083504WZ ;
+ FRU-Part-Number:CA06761-D202 C0 /375-3568-03 ;
+ Freq:2.400 GHz; Type:32;
+ Core:4; Strand:2;
MEMB#0 Status:Normal; Ver:0101h; Serial:NN1306GW79 ;
+ FRU-Part-Number:CF00541-4593 01 /541-4593-01 ;
MEM#0A Status:Normal;
+ Code:ce0000000000000001M3 93T5160FBA-CE6 4146-2346c46b;
+ Type:4B; Size:4 GB;
MEM#0B Status:Normal;
+ Code:ce0000000000000001M3 93T5160FBA-CE6 4146-2346c4d6;
+ Type:4B; Size:4 GB;
MEM#1A Status:Normal;
+ Code:ce0000000000000001M3 93T5160FBA-CE6 4146-2346c4d1;
+ Type:4B; Size:4 GB;
MEM#1B Status:Normal;
+ Code:ce0000000000000001M3 93T5160FBA-CE6 4146-2346c4ce;
+ Type:4B; Size:4 GB;
MEM#2A Status:Normal;
+ Code:ce0000000000000001M3 93T5160FBA-CE6 4146-2346c4b0;
+ Type:4B; Size:4 GB;
MEM#2B Status:Normal;
+ Code:ce0000000000000001M3 93T5160FBA-CE6 4146-2346c4e1;
+ Type:4B; Size:4 GB;
MEM#3A Status:Normal;
+ Code:ce0000000000000001M3 93T5160FBA-CE6 4146-2346c500;
+ Type:4B; Size:4 GB;
MEM#3B Status:Normal;
+ Code:ce0000000000000001M3 93T5160FBA-CE6 4146-2346c55f;
+ Type:4B; Size:4 GB;
MEMB#1 Status:Normal; Ver:0101h; Serial:NN1302GE68 ;
+ FRU-Part-Number:CF00541-4593 01 /541-4593-01 ;
```



```

MEM#0A Status:Normal;
+ Code:ce0000000000000001M3 93T5160FBA-CE6 4146-234759c5;
+ Type:4B; Size:4 GB;
MEM#0B Status:Normal;
+ Code:ce0000000000000001M3 93T5160FBA-CE6 4146-234759ca;
+ Type:4B; Size:4 GB;
MEM#1A Status:Normal;
+ Code:ce0000000000000001M3 93T5160FBA-CE6 4146-234759c3;
+ Type:4B; Size:4 GB;
MEM#1B Status:Normal;
+ Code:ce0000000000000001M3 93T5160FBA-CE6 4146-234759b4;
+ Type:4B; Size:4 GB;
MEM#2A Status:Normal;
+ Code:ce0000000000000001M3 93T5160FBA-CE6 4146-234759c4;
+ Type:4B; Size:4 GB;
MEM#2B Status:Normal;
+ Code:ce0000000000000001M3 93T5160FBA-CE6 4146-234759c8;
+ Type:4B; Size:4 GB;
MEM#3A Status:Normal;
+ Code:ce0000000000000001M3 93T5160FBA-CE6 4146-23475a1b;
+ Type:4B; Size:4 GB;
MEM#3B Status:Normal;
+ Code:ce0000000000000001M3 93T5160FBA-CE6 4146-234759fe;
+ Type:4B; Size:4 GB;
MEMB#4 Status:Normal; Ver:0101h; Serial:BF0840LOW9 ;
+ FRU-Part-Number:CF00541-0545 06 /541-0545-06 ;
MEM#0A Status:Normal;
+ Code:ce0000000000000001M3 93T5750EZA-CE6 4145-475cea21;
+ Type:2B; Size:2 GB;
MEM#0B Status:Normal;
+ Code:ce0000000000000001M3 93T5750EZA-CE6 4145-475cea64;
+ Type:2B; Size:2 GB;
MEM#1A Status:Normal;
+ Code:ce0000000000000001M3 93T5750EZA-CE6 4145-475cea1b;
+ Type:2B; Size:2 GB;
MEM#1B Status:Normal;
+ Code:ce0000000000000001M3 93T5750EZA-CE6 4145-475cea1d;
+ Type:2B; Size:2 GB;
MEM#2A Status:Normal;
+ Code:ce0000000000000001M3 93T5750EZA-CE6 4145-475ceb8f;
+ Type:2B; Size:2 GB;
MEM#2B Status:Normal;
+ Code:ce0000000000000001M3 93T5750EZA-CE6 4145-475cebc8;
+ Type:2B; Size:2 GB;
MEM#3A Status:Normal;
+ Code:ce0000000000000001M3 93T5750EZA-CE6 4145-475cea59;
+ Type:2B; Size:2 GB;
MEM#3B Status:Normal;
+ Code:ce0000000000000001M3 93T5750EZA-CE6 4145-475ce9c0;
+ Type:2B; Size:2 GB;
MEMB#5 Status:Normal; Ver:0101h; Serial:BF0840KXWD ;
+ FRU-Part-Number:CF00541-0545 06 /541-0545-06 ;
MEM#0A Status:Normal;
+ Code:ce0000000000000001M3 93T5750EZA-CE6 4145-475ce57e;
+ Type:2B; Size:2 GB;
MEM#0B Status:Normal;
+ Code:ce0000000000000001M3 93T5750EZA-CE6 4145-475ce51a;
+ Type:2B; Size:2 GB;
MEM#1A Status:Normal;
+ Code:ce0000000000000001M3 93T5750EZA-CE6 4145-475ce519;
+ Type:2B; Size:2 GB;

```

```

MEM#1B Status:Normal;
+ Code:ce0000000000000001M3 93T5750EZA-CE6 4145-475ce51b;
+ Type:2B; Size:2 GB;
MEM#2A Status:Normal;
+ Code:ce0000000000000001M3 93T5750EZA-CE6 4145-475ce9d7;
+ Type:2B; Size:2 GB;
MEM#2B Status:Normal;
+ Code:ce0000000000000001M3 93T5750EZA-CE6 4145-475ce9d9;
+ Type:2B; Size:2 GB;
MEM#3A Status:Normal;
+ Code:ce0000000000000001M3 93T5750EZA-CE6 4145-475ce9d2;
+ Type:2B; Size:2 GB;
MEM#3B Status:Normal;
+ Code:ce0000000000000001M3 93T5750EZA-CE6 4145-475ce97a;
+ Type:2B; Size:2 GB;
MEMB#6 Status:Normal; Ver:0101h; Serial:BF0840KVTC ;
+ FRU-Part-Number:CF00541-0545 06 /541-0545-06 ;
MEM#0A Status:Normal;
+ Code:ce0000000000000001M3 93T5750EZA-CE6 4145-475cea1c;
+ Type:2B; Size:2 GB;
MEM#0B Status:Normal;
+ Code:ce0000000000000001M3 93T5750EZA-CE6 4145-475cea20;
+ Type:2B; Size:2 GB;
MEM#1A Status:Normal;
+ Code:ce0000000000000001M3 93T5750EZA-CE6 4145-475cea25;
+ Type:2B; Size:2 GB;
MEM#1B Status:Normal;
+ Code:ce0000000000000001M3 93T5750EZA-CE6 4145-475cea26;
+ Type:2B; Size:2 GB;
MEM#2A Status:Normal;
+ Code:ce0000000000000001M3 93T5750EZA-CE6 4145-475cea1f;
+ Type:2B; Size:2 GB;
MEM#2B Status:Normal;
+ Code:ce0000000000000001M3 93T5750EZA-CE6 4145-475cea6f;
+ Type:2B; Size:2 GB;
MEM#3A Status:Normal;
+ Code:ce0000000000000001M3 93T5750EZA-CE6 4145-475cea22;
+ Type:2B; Size:2 GB;
MEM#3B Status:Normal;
+ Code:ce0000000000000001M3 93T5750EZA-CE6 4145-475cea23;
+ Type:2B; Size:2 GB;
MEMB#7 Status:Normal; Ver:0101h; Serial:BF0840L0VP ;
+ FRU-Part-Number:CF00541-0545 06 /541-0545-06 ;
MEM#0A Status:Normal;
+ Code:ce0000000000000001M3 93T5750EZA-CE6 4145-475cea31;
+ Type:2B; Size:2 GB;
MEM#0B Status:Normal;
+ Code:ce0000000000000001M3 93T5750EZA-CE6 4145-475cea2e;
+ Type:2B; Size:2 GB;
MEM#1A Status:Normal;
+ Code:ce0000000000000001M3 93T5750EZA-CE6 4145-475ce9f3;
+ Type:2B; Size:2 GB;
MEM#1B Status:Normal;
+ Code:ce0000000000000001M3 93T5750EZA-CE6 4145-475cea2f;
+ Type:2B; Size:2 GB;
MEM#2A Status:Normal;
+ Code:ce0000000000000001M3 93T5750EZA-CE6 4145-475ce9fb;
+ Type:2B; Size:2 GB;
MEM#2B Status:Normal;
+ Code:ce0000000000000001M3 93T5750EZA-CE6 4145-475cea24;
+ Type:2B; Size:2 GB;

```


Console contents may be logged.
Connect to DomainID 0?[y|n] :y

XSCF>

XSCF> showdomainstatus -a

```
DID      Domain Status
00      Running
01      Power Off
02      -
03      -
```

XSCF> console -d 0

Console contents may be logged.
Connect to DomainID 0?[y|n] :y

```
{0} ok boot
Boot device: rootdisk File and args:
SunOS Release 5.10 Version Generic_147147-26 64-bit
Copyright (c) 1983, 2013, Oracle and/or its affiliates. All rights reserved.
Hostname: sg02-00
The / file system (/dev/rdisk/c0t0d0s0) is being checked.

WARNING - Unable to repair the / filesystem. Run fsck
manually (fsck -F ufs /dev/rdisk/c0t0d0s0).

Aug 16 09:53:06 svc.startd[9]: svc:/system/filesystem/usr:default: Method "/lib/svc/method/fs-usr" failed with exit status 95.
Aug 16 09:53:06 svc.startd[9]: system/filesystem/usr:default failed fatally: transitioned to maintenance (see 'svcs -xv' for details)
Requesting System Maintenance Mode
(See /lib/svc/share/README for more information.)
Console login service(s) cannot run

Root password for system maintenance (control-d to bypass): █
```

Acá se procedió a realizar el SO boot a través del root mirror.

AVISO
Para acceder a este sistema necesita estar
previamente autorizado, estando usted estrictamente
limitado al uso indicado en dicha autorizacion. El acceso no
autorizado a este sistema o el uso indebido del mismo
esta prohibido y es contrario a la legislacion
vigente. El uso que realice de este
sistema esta siendo
monitoreado.

sg02-00 console login:

Se realizó la notificación para levantar servicios en sg02-00 y se procedió a encender el domain 01

XSCF> console -d 1

Console contents may be logged.
Connect to DomainID 1?[y|n] :y


```

Status: Alarm                               Occurred: Aug 15 21:39:36.060 VET 2022
FRU: /MBU_B/DDC_B#0
Msg: Power subsystem failure(detector=0)
XSCF>

XSCF> showlogs error -vr
Date: Aug 15 21:39:38 VET 2022             Code: 80002000-95ff0000-0104630500000000
Status: Alarm                               Occurred: Aug 15 21:39:36.060 VET 2022
FRU: /MBU_B/DDC_B#0
Msg: Power subsystem failure(detector=0)
Diagnostic Code:
00000000 00000000 00000000
00000000 00000000 00000000 00000000
00000000 00000000 00000000 00000000
UUID: b89456e4-5ec1-470f-8453-79a6c67bb798 MSG-ID: SCF-8004-G4
Date: Jul 04 14:54:19 VET 2022             Code: 80002000-95ff0000-0104630500000000
Status: Alarm                               Occurred: Jul 04 14:54:18.435 VET 2022
FRU: /MBU_B/DDC_B#1
Msg: Power subsystem failure(detector=1)
Diagnostic Code:
00010000 00000000 00000000
00000001 00000000 00000000 00000000
00000000 00000000 00000000 00000000
UUID: 0a9b08b2-ae4f-466c-a898-bc1bbd33c24f MSG-ID: SCF-8004-G4
Date: May 09 08:57:48 VET 2022             Code: 60000000-c1ff0000-12ce000000000000
Status: Warning                             Occurred: May 09 08:57:48.256 VET 2022
FRU: /IOU#1/PCI#2
Msg: PCI access error
Diagnostic Code:
01020000 00000000 00000000
00000000 00000000 00000000 00000000
00000000 00000000 00000000 00000000
UUID: f5c3d1e0-45d8-4564-96b3-b196d727a147 MSG-ID: FMD-8000-11
Date: May 09 08:57:47 VET 2022             Code: 60000000-c1ff0000-12ce000000000000
Status: Warning                             Occurred: May 09 08:57:47.109 VET 2022
FRU: /IOU#1/PCI#2
Msg: PCI access error
Diagnostic Code:
01020000 00000000 00000000
00000000 00000000 00000000 00000000
00000000 00000000 00000000 00000000
UUID: 99cc04c3-41e2-4c89-a554-5613f4e22aa3 MSG-ID: FMD-8000-11
Date: May 09 08:57:46 VET 2022             Code: 60000000-c1ff0000-12ce000000000000
Status: Warning                             Occurred: May 09 08:57:46.660 VET 2022
FRU: /IOU#1/PCI#2
Msg: PCI access error
Diagnostic Code:
01020000 00000000 00000000
00000000 00000000 00000000 00000000
00000000 00000000 00000000 00000000
UUID: a94a3aba-2cc5-45cb-9376-afed597a57e1 MSG-ID: FMD-8000-11
Date: May 09 08:57:46 VET 2022             Code: 60000000-c1ff0000-12ce000000000000
Status: Warning                             Occurred: May 09 08:57:46.168 VET 2022
FRU: /IOU#1/PCI#4
Msg: PCI access error
Diagnostic Code:
01040000 00000000 00000000
00000000 00000000 00000000 00000000
00000000 00000000 00000000 00000000
UUID: c971a858-115e-47b5-9807-d21a97591ef5 MSG-ID: FMD-8000-11
Date: May 09 07:37:34 VET 2022             Code: 40000200-d3ffd701-0300003203000000
Status: Information                         Occurred: May 09 07:37:33.924 VET 2022
FRU: /DVD,/IOU#1
Msg: Boot process failed
Diagnostic Code:
00000000 00000100 00000000
00000000 00000000 00000000 00000000

```



```

00000000 00000000 00000000 00000000
UUID: 89b90e9f-91d7-4376-ae17-b5bc8ce5bc7d MSG-ID: SCF-8001-KC
Date: May 09 01:41:42 VET 2022      Code: 40000200-d3ffd701-0300003203000000
Status: Information                  Occurred: May 09 01:41:41.707 VET 2022
FRU: /DVD,/IOU#1
Msg: Boot process failed
Diagnostic Code:
00000000 00000100 00000000
00000000 00000000 00000000 00000000
00000000 00000000 00000000 00000000
UUID: 5e65ed1d-e8aa-449f-8ce3-bc51e1d10ecd MSG-ID: SCF-8001-KC
Date: May 09 01:29:36 VET 2022      Code: 40000200-cfffd701-0300003201000000
Status: Information                  Occurred: May 09 01:29:34.514 VET 2022
FRU: /HDD#3,/IOU#1
Msg: Boot process failed
Diagnostic Code:
03000000 00000100 00000000
00000000 00000000

```

XSCF> clearfault MBU_B

This command must only be used at the request of a product support engineer.
Continue? [y|n]: y
XSCF>

XSCF> fmdump -v

TIME	UUID	MSG-ID
May 09 01:29:36.8768	6d2a1533-470a-4723-81f2-bdb721e83802	SCF-8001-KC
66% upset.chassis.SPARC-Enterprise.io.disk.boot		
Problem in: hc:///chassis=0/iou=1/ioc=0/ch=0/leaf=0/sas=0/disk=1 Affects: - FRU: hc:///product-id=SPARC Enterprise M5000:chassis-id=BEF0843067:server-id=rscsg02/component=/HDD#3 Location: /HDD#3		
33% upset.chassis.SPARC-Enterprise.io.disk.boot		
Problem in: hc:///chassis=0/iou=1/ioc=0/ch=0/leaf=0/sas=0 Affects: - FRU: hc:///product-id=SPARC Enterprise M5000:chassis-id=BEF0843067:server-id=rscsg02:serial=BF0837JTH4:part=CF00541-2240 03 \541-2240-03:revision=0101/component=/IOU#1 Location: /IOU#1		
May 09 01:41:42.3710	5e65ed1d-e8aa-449f-8ce3-bc51e1d10ecd	SCF-8001-KC
66% upset.chassis.SPARC-Enterprise.io.disk.boot		
Problem in: hc:///chassis=0/iou=1/ioc=0/ch=0/leaf=0/sas=0/dvd=0 Affects: - FRU: hc:///product-id=SPARC Enterprise M5000:chassis-id=BEF0843067:server-id=rscsg02/component=/DVD#0 Location: /DVD#0		
33% upset.chassis.SPARC-Enterprise.io.disk.boot		
Problem in: hc:///chassis=0/iou=1/ioc=0/ch=0/leaf=0/sas=0 Affects: - FRU: hc:///product-id=SPARC Enterprise M5000:chassis-id=BEF0843067:server-id=rscsg02:serial=BF0837JTH4:part=CF00541-2240 03 \541-2240-03:revision=0101/component=/IOU#1 Location: /IOU#1		
May 09 07:37:34.5741	89b90e9f-91d7-4376-ae17-b5bc8ce5bc7d	SCF-8001-KC
66% upset.chassis.SPARC-Enterprise.io.disk.boot		

```

Problem in: hc:///chassis=0/iou=1/ioc=0/ch=0/leaf=0/sas=0/dvd=0
Affects: -
FRU: hc:///product-id=SPARC Enterprise M5000:chassis-id=BEF0843067:server-
id=rscsg02/component=/DVD#0
Location: /DVD#0

33% upset.chassis.SPARC-Enterprise.io.disk.boot

Problem in: hc:///chassis=0/iou=1/ioc=0/ch=0/leaf=0/sas=0
Affects: -
FRU: hc:///product-id=SPARC Enterprise M5000:chassis-id=BEF0843067:server-
id=rscsg02:serial=BF0837JTH4:part=CF00541-2240 03 \541-2240-03:revision=0101/component=/IOU#1
Location: /IOU#1

May 09 08:57:46.1741 c971a858-115e-47b5-9807-d21a97591ef5 FMD-8000-11
29% fault.io.pciex.device-interr

Problem in: hc:///product-id=SUNW, SPARC-Enterprise:chassis-id=BEF0843067:server-id=sg02-
01/chassis=0/ioboard=1/hostbridge=1/pciexrc=1/pciexbus=2/pciexdev=0/pciexfn=0
Affects: -
FRU: hc:///product-id=SUNW, SPARC-Enterprise:chassis-id=BEF0843067:server-id=sg02-
01/chassis=0/ioboard=1/hostbridge=1/pciexrc=1/pciexbus=2/pciexdev=0
Location: iou#1-pci#4

29% fault.io.pciex.device-interr

Problem in: hc:///product-id=SUNW, SPARC-Enterprise:chassis-id=BEF0843067:server-id=sg02-
01/chassis=0/ioboard=1/hostbridge=1/pciexrc=1/pciexbus=2/pciexdev=0/pciexfn=1
Affects: -
FRU: hc:///product-id=SUNW, SPARC-Enterprise:chassis-id=BEF0843067:server-id=sg02-
01/chassis=0/ioboard=1/hostbridge=1/pciexrc=1/pciexbus=2/pciexdev=0
Location: iou#1-pci#4

14% fault.io.pciex.bus-linkerr

Problem in: hc:///product-id=SUNW, SPARC-Enterprise:chassis-id=BEF0843067:server-id=sg02-
01/chassis=0/ioboard=1/hostbridge=1/pciexrc=1/pciexbus=2/pciexdev=0/pciexfn=0
Affects: -
FRU: hc:///product-id=SUNW, SPARC-Enterprise:chassis-id=BEF0843067:server-id=sg02-
01/chassis=0/ioboard=1/hostbridge=1/pciexrc=1/pciexbus=2/pciexdev=0
Location: iou#1-pci#4

14% fault.io.pciex.bus-linkerr

Problem in: hc:///product-id=SUNW, SPARC-Enterprise:chassis-id=BEF0843067:server-id=sg02-
01/chassis=0/ioboard=1/hostbridge=1/pciexrc=1/pciexbus=2/pciexdev=0/pciexfn=1
Affects: -
FRU: hc:///product-id=SUNW, SPARC-Enterprise:chassis-id=BEF0843067:server-id=sg02-
01/chassis=0/ioboard=1/hostbridge=1/pciexrc=1/pciexbus=2/pciexdev=0
Location: iou#1-pci#4

14% fault.io.pciex.device-interr

Problem in: hc:///product-id=SUNW, SPARC-Enterprise:chassis-id=BEF0843067:server-id=sg02-
01/chassis=0/ioboard=1/hostbridge=1/pciexrc=1
Affects: -
FRU: hc:///component=iou#1-pci#4
Location: -

May 09 08:57:46.6650 a94a3aba-2cc5-45cb-9376-afed597a57e1 FMD-8000-11
17% fault.io.pciex.device-pcie-ce

Problem in: hc:///product-id=SUNW, SPARC-Enterprise:chassis-id=BEF0843067:server-id=sg02-

```

```

01/chassis=0/ioboard=1/hostbridge=0/pciexrc=1/pciexbus=2/pciexdev=0/pciexfn=0
    Affects: -
    FRU: hc:///component=iou#1-pci#2
    Location: -

17% fault.io.pciex.device-pcie-ce

    Problem in: hc:///product-id=SUNW, SPARC-Enterprise:chassis-id=BEF0843067:server-id=sg02-
01/chassis=0/ioboard=1/hostbridge=0/pciexrc=1/pciexbus=2/pciexdev=0/pciexfn=1
    Affects: -
    FRU: hc:///component=iou#1-pci#2
    Location: -

17% fault.io.pciex.device-pcie-ce

    Problem in: hc:///product-id=SUNW, SPARC-Enterprise:chassis-id=BEF0843067:server-id=sg02-
01/chassis=0/ioboard=1/hostbridge=0/pciexrc=1/pciexbus=2/pciexdev=0/pciexfn=2
    Affects: -
    FRU: hc:///component=iou#1-pci#2
    Location: -

17% fault.io.pciex.device-pcie-ce

    Problem in: hc:///product-id=SUNW, SPARC-Enterprise:chassis-id=BEF0843067:server-id=sg02-
01/chassis=0/ioboard=1/hostbridge=0/pciexrc=1/pciexbus=2/pciexdev=0/pciexfn=3
    Affects: -
    FRU: hc:///component=iou#1-pci#2
    Location: -

8% fault.io.pciex.bus-linkerr-corr

    Problem in: hc:///product-id=SUNW, SPARC-Enterprise:chassis-id=BEF0843067:server-id=sg02-
01/chassis=0/ioboard=1/hostbridge=0/pciexrc=1/pciexbus=2/pciexdev=0/pciexfn=0
    Affects: -
    FRU: hc:///component=iou#1-pci#2
    Location: -

8% fault.io.pciex.bus-linkerr-corr

    Problem in: hc:///product-id=SUNW, SPARC-Enterprise:chassis-id=BEF0843067:server-id=sg02-
01/chassis=0/ioboard=1/hostbridge=0/pciexrc=1/pciexbus=2/pciexdev=0/pciexfn=1
    Affects: -
    FRU: hc:///component=iou#1-pci#2
    Location: -

8% fault.io.pciex.bus-linkerr-corr

    Problem in: hc:///product-id=SUNW, SPARC-Enterprise:chassis-id=BEF0843067:server-id=sg02-
01/chassis=0/ioboard=1/hostbridge=0/pciexrc=1/pciexbus=2/pciexdev=0/pciexfn=2
    Affects: -
    FRU: hc:///component=iou#1-pci#2
    Location: -

8% fault.io.pciex.bus-linkerr-corr

    Problem in: hc:///product-id=SUNW, SPARC-Enterprise:chassis-id=BEF0843067:server-id=sg02-
01/chassis=0/ioboard=1/hostbridge=0/pciexrc=1/pciexbus=2/pciexdev=0/pciexfn=3
    Affects: -
    FRU: hc:///component=iou#1-pci#2
    Location: -

May 09 08:57:47.1124 99cc04c3-41e2-4c89-a554-5613f4e22aa3 FMD-8000-11
100% fault.io.pciex.device-pcie-ce

```

```
Problem in: hc:///product-id=SUNW, SPARC-Enterprise:chassis-id=BEF0843067:server-id=sg02-01/chassis=0/ioboard=1/hostbridge=0/pciexrc=1
Affects: -
FRU: hc:///component=iou#1-pci#2
Location: -
```

```
May 09 08:57:48.2614 f5c3d1e0-45d8-4564-96b3-b196d727a147 FMD-8000-11
15% fault.io.pciex.device-interr-corr
```

```
Problem in: hc:///product-id=SUNW, SPARC-Enterprise:chassis-id=BEF0843067:server-id=sg02-01/chassis=0/ioboard=1/hostbridge=0/pciexrc=1/pciexbus=2/pciexdev=0/pciexfn=0
Affects: -
FRU: hc:///product-id=SUNW, SPARC-Enterprise:chassis-id=BEF0843067:server-id=sg02-01/chassis=0/ioboard=1/hostbridge=0/pciexrc=1/pciexbus=2/pciexdev=0
Location: iou#1-pci#2
```

```
15% fault.io.pciex.device-interr-corr
```

```
Problem in: hc:///product-id=SUNW, SPARC-Enterprise:chassis-id=BEF0843067:server-id=sg02-01/chassis=0/ioboard=1/hostbridge=0/pciexrc=1/pciexbus=2/pciexdev=0/pciexfn=1
Affects: -
FRU: hc:///product-id=SUNW, SPARC-Enterprise:chassis-id=BEF0843067:server-id=sg02-01/chassis=0/ioboard=1/hostbridge=0/pciexrc=1/pciexbus=2/pciexdev=0
Location: iou#1-pci#2
```

```
15% fault.io.pciex.device-interr-corr
```

```
Problem in: hc:///product-id=SUNW, SPARC-Enterprise:chassis-id=BEF0843067:server-id=sg02-01/chassis=0/ioboard=1/hostbridge=0/pciexrc=1/pciexbus=2/pciexdev=0/pciexfn=2
Affects: -
FRU: hc:///product-id=SUNW, SPARC-Enterprise:chassis-id=BEF0843067:server-id=sg02-01/chassis=0/ioboard=1/hostbridge=0/pciexrc=1/pciexbus=2/pciexdev=0
Location: iou#1-pci#2
```

```
15% fault.io.pciex.device-interr-corr
```

```
Problem in: hc:///product-id=SUNW, SPARC-Enterprise:chassis-id=BEF0843067:server-id=sg02-01/chassis=0/ioboard=1/hostbridge=0/pciexrc=1/pciexbus=2/pciexdev=0/pciexfn=3
Affects: -
FRU: hc:///product-id=SUNW, SPARC-Enterprise:chassis-id=BEF0843067:server-id=sg02-01/chassis=0/ioboard=1/hostbridge=0/pciexrc=1/pciexbus=2/pciexdev=0
Location: iou#1-pci#2
```

```
8% fault.io.pciex.bus-linkerr-corr
```

```
Problem in: hc:///product-id=SUNW, SPARC-Enterprise:chassis-id=BEF0843067:server-id=sg02-01/chassis=0/ioboard=1/hostbridge=0/pciexrc=1/pciexbus=2/pciexdev=0/pciexfn=0
Affects: -
FRU: hc:///product-id=SUNW, SPARC-Enterprise:chassis-id=BEF0843067:server-id=sg02-01/chassis=0/ioboard=1/hostbridge=0/pciexrc=1/pciexbus=2/pciexdev=0
Location: iou#1-pci#2
```

```
8% fault.io.pciex.bus-linkerr-corr
```

```
Problem in: hc:///product-id=SUNW, SPARC-Enterprise:chassis-id=BEF0843067:server-id=sg02-01/chassis=0/ioboard=1/hostbridge=0/pciexrc=1/pciexbus=2/pciexdev=0/pciexfn=1
Affects: -
FRU: hc:///product-id=SUNW, SPARC-Enterprise:chassis-id=BEF0843067:server-id=sg02-01/chassis=0/ioboard=1/hostbridge=0/pciexrc=1/pciexbus=2/pciexdev=0
Location: iou#1-pci#2
```

```
8% fault.io.pciex.bus-linkerr-corr
```

Problem in: hc:///product-id=SUNW, SPARC-Enterprise:chassis-id=BEF0843067:server-id=sg02-01/chassis=0/ioboard=1/hostbridge=0/pciexrc=1/pciexbus=2/pciexdev=0/pciexfn=2

Affects: -

FRU: hc:///product-id=SUNW, SPARC-Enterprise:chassis-id=BEF0843067:server-id=sg02-01/chassis=0/ioboard=1/hostbridge=0/pciexrc=1/pciexbus=2/pciexdev=0

Location: iou#1-pci#2

8% fault.io.pciex.bus-linkerr-corr

Problem in: hc:///product-id=SUNW, SPARC-Enterprise:chassis-id=BEF0843067:server-id=sg02-01/chassis=0/ioboard=1/hostbridge=0/pciexrc=1/pciexbus=2/pciexdev=0/pciexfn=3

Affects: -

FRU: hc:///product-id=SUNW, SPARC-Enterprise:chassis-id=BEF0843067:server-id=sg02-01/chassis=0/ioboard=1/hostbridge=0/pciexrc=1/pciexbus=2/pciexdev=0

Location: iou#1-pci#2

8% fault.io.pciex.device-interr-corr

Problem in: hc:///product-id=SUNW, SPARC-Enterprise:chassis-id=BEF0843067:server-id=sg02-01/chassis=0/ioboard=1/hostbridge=0/pciexrc=1

Affects: -

FRU: hc:///component=iou#1-pci#2

Location: -

Jul 04 14:54:19.7523 0a9b08b2-ae4f-466c-a898-bc1bbd33c24f SCF-8004-G4

66% fault.chassis.device.fail

Problem in: hc:///chassis=0/mbu=0/ddc_b=1

Affects: hc:///chassis=0/mbu=0

FRU: hc:///product-id=SPARC Enterprise M5000:chassis-id=BEF0843067:server-id=rscsg02/component=/MBU_B/DDC_B#1

Location: /MBU_B/DDC_B#1

33% fault.chassis.device.fail

Problem in: hc:///chassis=0/mbu=0

Affects: hc:///chassis=0/mbu=0

FRU: hc:///product-id=SPARC Enterprise M5000:chassis-id=BEF0843067:server-id=rscsg02:serial=BE08411AE7:part=CF00541-0478 07 \541-0478-07:revision=0201/component=/MBU_B

Location: /MBU_B

Aug 15 21:39:38.7123 b89456e4-5ec1-470f-8453-79a6c67bb798 SCF-8004-G4

66% fault.chassis.device.fail

Problem in: hc:///chassis=0/mbu=0/ddc_b=0

Affects: hc:///chassis=0/mbu=0

FRU: hc:///product-id=SPARC Enterprise M5000:chassis-id=BEF0843067:server-id=rscsg02/component=/MBU_B/DDC_B#0

Location: /MBU_B/DDC_B#0

33% fault.chassis.device.fail

Problem in: hc:///chassis=0/mbu=0

Affects: hc:///chassis=0/mbu=0



FRU: hc:///product-id=SPARC Enterprise M5000:chassis-id=BEF0843067:server-id=rscsg02:serial=BE08411AE7:part=CF00541-0478 07 \541-0478-07:revision=0201/component=/MBU_B

Location: /MBU_B

XSCF>

Status del equipo

El equipo quedó totalmente operativo pero con la ddc_B degradada.

Status Inicial	Status Final
	

Acciones a realizar para la solución de la incidencia

Equipo de Help Desk determina	<A partir del análisis del Snapshot>
	Se solicitarán las piezas para su reemplazo en caso de ser necesario
Número de parte:	Será informado en la próxima actualización del ticket GLPI #2701