

52.67233| ISTEP 6. 6
53.58200| =====
53.58200| Error reported by unknown (0xE500)
53.58200| <none>
53.58200| ModuleId 0x0b unknown
53.58201| ReasonCode 0xe540 unknown
53.58201| UserData1 unknown : 0x0005000100000101
53.58201| UserData2 unknown : 0x4241000500000000
53.58201| User Data Section 0, type UD
53.58202| Subsection type 0x06
53.58202| ComponentId errl (0x0100)
53.58202| CALLOUT
53.58202| PROCEDURE ERROR
53.58202| Procedure: 16
53.58203| User Data Section 1, type UD
53.58203| Subsection type 0x04
53.58203| ComponentId errl (0x0100)
53.58203| User Data Section 2, type UD
53.58204| Subsection type 0x06
53.58204| ComponentId errl (0x0100)
53.58204| CALLOUT
53.58204| HW CALLOUT
53.58204| Reporting CPU ID: 19
53.58205| Called out entity:
53.58205| User Data Section 3, type UD
53.58205| Subsection type 0x33
53.58205| ComponentId unknown (0xe500)
53.58206| User Data Section 4, type UD
53.58206| Subsection type 0x01
53.58206| ComponentId unknown (0xe500)
53.58206| STRING
53.58206|
53.58207| User Data Section 5, type UD
53.58207| Subsection type 0x15

53.58207| ComponentId hb-trace (0x3100)
53.58207| User Data Section 6, type UD
53.58207| Subsection type 0x01
53.58208| ComponentId unknown (0xe500)
53.58208| STRING
53.58208|
53.58208| User Data Section 7, type UD
53.58208| Subsection type 0x03
53.58209| ComponentId errl (0x0100)
53.58209| User Data Section 8, type UD
53.58209| Subsection type 0x01
53.58209| ComponentId errl (0x0100)
53.58210| STRING
53.58210| Hostboot Build ID:
53.58210| User Data Section 9, type UD
53.58210| Subsection type 0x04
53.58210| ComponentId errl (0x0100)
53.58211| =====
54.38231| System Shutting Down In 15 Seconds To Perform
Reconfiguration

53.58211| =====
54.38231| System Shutting Down In 15 Seconds To Perform
Reconfiguration

1.94888| ERRL| Dumping errors reported prior to registration
3.79556| ISTEP 6. 3
4.24683| ISTEP 6. 4
4.24736| ISTEP 6. 5
31.32154| HWAS| PRESENT> DIMM[03]=A0A0A0A0A0A0A0A0
31.32155| HWAS| PRESENT> Membuf[04]=CCCC000000000000
31.32156| HWAS| PRESENT> Proc[05]=C000000000000000
54.37409| ISTEP 6. 6

54.42136|ISTEP 6. 7
54.42238|ISTEP 6. 8
54.44988|ISTEP 6. 9
54.69945|ISTEP 6.10
54.74536|ISTEP 6.11
56.11042|ISTEP 6.12
56.11187|ISTEP 6.13
56.11256|ISTEP 7. 1
56.16729|ISTEP 7. 2
56.28434|ISTEP 7. 3
56.31449|ISTEP 7. 4
56.35232|ISTEP 7. 5
56.54385|ISTEP 7. 6
56.57159|ISTEP 7. 7
56.77349|ISTEP 7. 8
56.90905|ISTEP 7. 9
56.90950|ISTEP 8. 1
57.06377|ISTEP 8. 2
57.87197|ISTEP 8. 3
57.88148|ISTEP 8. 4
58.10329|ISTEP 8. 5
58.10476|ISTEP 8. 6
58.65031|ISTEP 8. 7
58.65107|ISTEP 8. 8
58.66152|ISTEP 9. 1
59.01585|ISTEP 9. 2
59.01741|ISTEP 10. 1
59.32306|ISTEP 10. 2
60.61085|ISTEP 10. 3
60.61143|ISTEP 10. 4
60.61257|ISTEP 10. 5
60.61358|ISTEP 10. 6
60.61471|ISTEP 10. 7
60.61593|ISTEP 10. 8

60.61693|ISTEP 10. 9
60.61793|ISTEP 10.10
60.61849|ISTEP 10.11
60.61914|ISTEP 10.12
60.61993|ISTEP 10.13
60.62051|ISTEP 10.14
60.62106|ISTEP 11. 1
60.70579|ISTEP 11. 2
60.70655|ISTEP 11. 3
60.80274|ISTEP 11. 4
60.99437|ISTEP 11. 5
61.10654|ISTEP 11. 6
63.11551|ISTEP 11. 7
63.11654|ISTEP 11. 8
63.61741|ISTEP 11. 9
63.61848|ISTEP 11.10
63.68175|ISTEP 11.11
63.68240|ISTEP 11.12
63.68353|ISTEP 11.13
63.68444|ISTEP 12. 1
63.76839|ISTEP 12. 2
63.83384|ISTEP 12. 3
63.86266|ISTEP 12. 4
64.12018|ISTEP 12. 5
64.12137|ISTEP 13. 1
64.19745|ISTEP 13. 2
64.24596|ISTEP 13. 3
64.24702|ISTEP 13. 4
64.26708|ISTEP 13. 5
64.26863|ISTEP 13. 6
65.13552|ISTEP 13. 7
65.32012|ISTEP 13. 8
65.48637|ISTEP 13. 9
68.40696|ISTEP 13.10

68.43616|ISTEP 13.11
68.54326|ISTEP 13.12
68.54388|ISTEP 14. 1
68.57262|ISTEP 14. 2
68.58240|ISTEP 14. 3
107.53044|ISTEP 14. 4
107.56344|ISTEP 14. 5
107.60274|ISTEP 14. 6
107.60492|ISTEP 14. 7
107.69060|ISTEP 14. 8
107.69244|ISTEP 15. 1
110.40534|ISTEP 15. 2
110.41598|ISTEP 15. 3
110.53974|ISTEP 16. 1
112.59625|ISTEP 16. 2
113.05161|ISTEP 16. 3
113.06108|ISTEP 16. 4
113.06936|ISTEP 18.13
113.45299|ISTEP 18.14
113.43811|ISTEP 21. 1
123.69905|htmgmt|OCCs are now running in ACTIVE state
134.22350|ISTEP 21. 2
134.22392|ISTEP 21. 3
[69922037414,5] SkiBoot skiboot-5.1.5-5a5d986 starting...
[69922042089,5] initial console log level: memory 7, driver 5
[69922044790,6] CPU: P8 generation processor(max 8 threads/core)
[69922047243,7] CPU: Boot CPU PIR is 0x0060 PVR is 0x004d0200
[69922050048,7] CPU: Initial max PIR set to 0x1fff
[69922440105,5] OPAL table: 0x3009f840 .. 0x3009fca0, branch table:
0x30002000
[69922444663,5] FDT: Parsing fdt @0xff00000
[69927283012,5] XSCOM: chip 0x8 at 0x3fc4000000000 [P8 DD2.0]
[69927296441,5] XSCOM: chip 0x0 at 0x3fc0000000000 [P8 DD2.0]
[69927323338,6] XSTOP: XSCOM addr = 0x2010c82, FIR bit = 31

[69927326663,6] MFSI 0:0: Initialized
[69927328600,6] MFSI 0:2: Initialized
[69927330626,6] MFSI 0:1: Initialized
[69927332906,6] MFSI 8:0: Initialized
[69927334833,6] MFSI 8:2: Initialized
[69927336759,6] MFSI 8:1: Initialized
[69927654318,5] LPC: Bus on chip 0 PCB_Addr=0xb0020
[69927681127,5] LPC: Default bus on chip 0
[69927831817,6] MEM: parsing reserved memory from node /
ibm,hostboot/reserved-memory
[69927842826,7] HOMER: Init chip 0
[69927845373,7] PBA BAR0 : 0x0000003ffd800000
[69927847867,7] PBA MASK0: 0x0000000000300000
[69927850328,7] HOMER Image at 0x3ffd800000 size 4MB
[69927853870,7] PBA BAR2 : 0x4000003ffda00000
[69927856405,7] PBA MASK2: 0x0000000000000000
[69927858719,7] SLW Image at 0x3ffda00000 size 1MB
[69927861950,7] PBA BAR3 : 0x0000003fff800000
[69927864401,7] PBA MASK3: 0x0000000000700000
[69927866809,7] OCC Common Area at 0x3fff800000 size 8MB
[69927869575,7] HOMER: Init chip 8
[69927872045,7] PBA BAR0 : 0x0000003ffdc00000
[69927874475,7] PBA MASK0: 0x0000000000300000
[69927876941,7] HOMER Image at 0x3ffdc00000 size 4MB
[69927880347,7] PBA BAR2 : 0x4000003ffde00000
[69927882830,7] PBA MASK2: 0x0000000000000000
[69927885081,7] SLW Image at 0x3ffde00000 size 1MB
[69927888401,7] PBA BAR3 : 0x0000003fff800000
[69927890881,7] PBA MASK3: 0x0000000000700000
[69927893320,7] OCC Common Area at 0x3fff800000 size 8MB
[69928039925,5] PLAT: Fixing up PSI BAR on chip 0 BAR=3fffe80000001
[69928071987,7] AST: PNOR LPC offset: 0x0c000000
[69928144858,5] PLAT: Using virtual UART
[69931043161,5] PLAT: Detected Barreleye platform

[69934806634,5] CENTAUR: Found centaur for chip 0x8 channel 5
[69934891725,5] CENTAUR: FSI host: 0x8 cMFSIO port 6
[69934985850,5] CENTAUR: Found centaur for chip 0x8 channel 4
[69935059913,5] CENTAUR: FSI host: 0x8 cMFSIO port 7
[69935142675,5] CENTAUR: Found centaur for chip 0x8 channel 1
[69935221388,5] CENTAUR: FSI host: 0x8 cMFSIO port 2
[69935302841,5] CENTAUR: Found centaur for chip 0x8 channel 0
[69935380214,5] CENTAUR: FSI host: 0x8 cMFSIO port 3
[69935461048,5] CENTAUR: Found centaur for chip 0x0 channel 5
[69935534523,5] CENTAUR: FSI host: 0x0 cMFSIO port 6
[69935619292,5] CENTAUR: Found centaur for chip 0x0 channel 4
[69935697009,5] CENTAUR: FSI host: 0x0 cMFSIO port 7
[69935781001,5] CENTAUR: Found centaur for chip 0x0 channel 1
[69935862057,5] CENTAUR: FSI host: 0x0 cMFSIO port 2
[69935945703,5] CENTAUR: Found centaur for chip 0x0 channel 0
[69936021145,5] CENTAUR: FSI host: 0x0 cMFSIO port 3
[69936222848,5] PSI[0x008]: Working chip not found
[69936327377,5] PSI[0x000]: Found PSI bridge [working=1, active=0]
[1104969442,5] BT: Interface initialized, IO 0x00e4
[1464089821,4] SLW: HB-provided idle states property found
[1464290802,5] NVRAM: Size is 576 KB
[1708746012,3] NVRAM: Layout appears sane
[1708886671,5] CAPI: Preloading ucode 200ea
[1708940898,5] FLASH: Queueing preload of 2/200ea
[1708997100,5] FLASH: Queueing preload of 0/0
[1709027233,7] FFS: Partition map size: 0x1000
[1709254187,5] FLASH: Queueing preload of 1/0
[1709904947,5] Chip 8 Found PBCQ2 at /xscom@3fc4000000000/
pbcq@2012800
[1710147537,5] Chip 8 Found PBCQ1 at /xscom@3fc4000000000/
pbcq@2012400
[1710396236,5] Chip 8 Found PBCQ0 at /xscom@3fc4000000000/
pbcq@2012000
[1710653007,5] Chip 0 Found PBCQ2 at /xscom@3fc0000000000/

pbcq@2012800
[1710898778,5] Chip 0 Found PBCQ1 at /xscom@3fc000000000/
pbcq@2012400
[1711144740,5] Chip 0 Found PBCQ0 at /xscom@3fc000000000/
pbcq@2012000
[1711565362,3] PHB0: Base location code not found !
[1774773690,3] PHB1: Base location code not found !
[1835277819,3] PHB2: Base location code not found !
[1895733048,3] PHB3: Base location code not found !
[1958827871,3] PHB4: Base location code not found !
[2019287993,3] PHB5: Base location code not found !
[2079733544,5] PCI: Resetting PHBs...
[2694299935,5] PCI: Probing slots...
[3411670448,5] PHB0:00:00.0 [ROOT] 1014 03dc R:00 C:060400 B:
00..00 SLOT=Slot2
[3411915887,5] PHB1:00:00.0 [ROOT] 1014 03dc R:00 C:060400 B:
00..00 SLOT=Slot3
[3412150065,5] PHB2:00:00.0 [ROOT] 1014 03dc R:00 C:060400 B:
01..01 SLOT=Storage Mezz
[3412398687,5] PHB2:01:00.0 [EP] 1000 005d R:02 C:010400 (
raid) LOC_CODE=Storage Mezz
[3412691705,5] PHB3:00:00.0 [ROOT] 1014 03dc R:00 C:060400 B:
01..01 SLOT=Network Mezz
[3412985271,5] PHB3:01:00.0 [EP] 15b3 1007 R:00 C:020000 (
ethernet) LOC_CODE=Network Mezz
[3413270393,5] PHB4:00:00.0 [ROOT] 1014 03dc R:00 C:060400 B:
01..07 SLOT=PLX Switch
[3413514797,5] PHB4:01:00.0 [SWUP] 10b5 8718 R:ab C:060400 B:
02..07 LOC_CODE=PLX Switch
[3413786611,5] PHB4:02:01.0 [SWDN] 10b5 8718 R:ab C:060400 B:
03..03 SLOT=IO Board SATA
[3414039540,5] PHB4:03:00.0 [LGCY] 1b4b 9235 R:11 C:010601 (
sata) LOC_CODE=IO Board SATA
[3414324196,5] PHB4:02:02.0 [SWDN] 10b5 8718 R:ab C:060400 B:

04..04 SLOT=IO Board USB
[3414577439,5] PHB4:04:00.0 [EP] 104c 8241 R:02 C:0c0330 (usb-
xhci) LOC_CODE=IO Board USB
[3414859203,5] PHB4:02:03.0 [SWDN] 10b5 8718 R:ab C:060400 B:
05..06 SLOT=IO Board BMC
[3415113106,5] PHB4:05:00.0 [ETOX] 1a03 1150 R:03 C:060400 B:
06..06 LOC_CODE=IO Board BMC
[3415381591,5] PHB4:06:00.0 [PCID] 1a03 2000 R:30 C:030000 (
vga) LOC_CODE=IO Board BMC
[3415663067,5] PHB4:02:04.0 [SWDN] 10b5 8718 R:ab C:060400 B:
07..07 SLOT=IO Board NIC
[3415916639,5] PHB4:07:00.0 [EP] 14e4 165f R:00 C:020000 (
ethernet) LOC_CODE=IO Board NIC
[3416199082,5] PHB4:07:00.1 [EP] 14e4 165f R:00 C:020000 (
ethernet) LOC_CODE=IO Board NIC
[3416482173,5] PHB5:00:00.0 [ROOT] 1014 03dc R:00 C:060400 B:
00..00 SLOT=Slot1
[3416758170,5] Releasing unused memory:
[3416868907,5] ibm,firmware-heap: 3070256/13631488 used
[3417035412,5] ibm,firmware-allocs-memory@2000000000:
12845568/137438953472 used
[3417273940,5] ibm,firmware-allocs-memory@0:
12845568/136470069248 used
[3417497926,5] Reserved regions:
[3417589194,5] 0x003ffd800000..003ffdbfffff : ibm,homer-
image@3ffd800000
[3417802760,5] 0x003ffdc00000..003ffdffffff : ibm,homer-
image@3ffdc00000
[3418014469,5] 0x003ffd700000..003ffd7fffff : ibm,hbrt-vpd-
image@3ffd700000
[3418235587,5] 0x003ffd6d0000..003ffd6fffff : ibm,hbrt-target-
image@3ffd6d0000
[3418463055,5] 0x003ffd470000..003ffd6cffff : ibm,hbrt-code-
image@3ffd470000

[3418689945,5] 0x003fff800000..003fffffff : ibm,occ-common-area@3fff800000
[3418913293,5] 0x000031c00000..000032ddfff : ibm,firmware-stacks
[3419105418,5] 0x000031000000..000031bffff : ibm,firmware-data
[3419290392,5] 0x000030300000..000030ffffff : ibm,firmware-heap
[3419477063,5] 0x000030000000..0000302ffff : ibm,firmware-code
[3419661829,5] 0x002000000000..002000c401ff : ibm,firmware-allocs-memory@2000000000
[3419909452,5] 0x000039c00000..00003a8401ff : ibm,firmware-allocs-memory@0
[3420138024,5] IPMI: Resetting boot count on successful boot
[3420310799,5] INIT: Waiting for kernel...
[8057436758,3] FLASH: No ROOTFS partition
[8057960169,5] INIT: Kernel loaded, size: 15728640 bytes (0 = unknown preload)
[8058065156,5] INIT: 64-bit LE kernel discovered
[8058123414,5] INIT: 64-bit kernel entry at 0x20010000
[8058213849,5] OCC: All Chip Rdy after 0 ms
[8081968199,5] Free space in HEAP memory regions:
[8082103155,5] Region ibm,firmware-heap free: 10054736
[8082197615,5] Region ibm,firmware-allocs-memory@2000000000 free: 1101168
[8082310667,5] Region ibm,firmware-allocs-memory@0 free: 1101168
[8082413965,5] Total free: 12257072
[8082470429,5] INIT: Starting kernel at 0x20010000, fdt at 0x305efb18 (size 0x1b72d)