

# Retrieving Information from the Crashinfo File

Document ID: 15094

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## Introduction



- description of the image running at the time of the crash
- **show alignment**
- malloc and free traces
- process level stack trace
- process level context
- process level stack dump
- interrupt level stack dump
- process level info
- process level register memory dump

## **Retrieving Information from the Crashinfo File**



Router#**undelete 2 bootflash:**

Router#**dir /all bootflash:**

-#- ED --type-- --crc--- -seek-- nlen -length- -----date/time----- name

00:12:26: %SYS-5-CONFIG\_I: Configured from console by console



61B33F80: 6027A0F8 36 60213150 61B33FC8 FFFFFFFD FFFFFFFF 6027A1EC 6027A1E0  
61B33FA0: 4A 61B33FF8 64 36 0 4C4B0E4 64 6027E2F8  
61B33FC0: 3C 60208CCC 60E4C2C8 61B33FE4 602B8D4C FFFFFFFF 3C 602B8D54  
61B33FE0: 60E4C2A4 FFFFFFFD 0 FFFFFFFE 5 60E3B024 36008935 61537A18  
61B34000: 602677B4 61B3408C 60260394 400000 0 0 0 FFFFFFFF







```

Reg00($0):          0 [Not RAM Addr]
Reg01(AT): 61220000
Reg02(v0):          32 [Not RAM Addr]
Reg03(v1): 61222AF0
Reg04(a0): 60227BDC
Reg05(a1): 6129B958 [In malloc Block 0x6129B930] [Last malloc Block 0x6129B850]
Reg06(a2): 61AD82F8 [In malloc Block 0x61AD82D0]
Reg07(a3):          0 [Not RAM Addr]
Reg08(t0): 61A3BA34 [In malloc Block 0x61A3BA0C] [Last malloc Block 0x61A3B878]
Reg09(t1): 8000FDA0
Reg10(t2): 34008700 [Not RAM Addr]
Reg11(t3): FFFF00FF [Not RAM Addr]
Reg12(t4):          83 [Not RAM Addr]
Reg13(t5): 3E840024 [Not RAM Addr]
Reg14(t6):          0 [Not RAM Addr]
Reg15(t7):          0 [Not RAM Addr]
Reg16(s0):          3C [Not RAM Addr]
Reg17(s1):          36 [Not RAM Addr]
Reg18(s2):          0 [Not RAM Addr]
Reg19(s3): 61B33FF8
Reg20(s4):          0 [Not RAM Addr]
Reg21(s5): 6121E840
Reg22(s6): 61209A30
Reg23(s7):          0 [Not RAM Addr]
Reg24(t8): 602895EC
Reg25(t9):          0 [Not RAM Addr]
Reg26(k0): 616DD144 [In malloc Block 0x616DD0FC] [Last malloc Block 0x616DCFD0]
Reg27(k1): 60290920
Reg28(gp): 610AEDC0
Reg29(sp): 61B33FE0
Reg30(s8): 6120FB00
Reg31(ra): 602B8D5C
---- block0 ptr=61220000 is_malloc=0 ----

6121FFC0:          0          0          0          0          0          0          0          0          0

```

## Related Information

- [Troubleshooting Router Crashes](#)
  - [Technical Support & Documentation – Cisco Systems](#)
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Updated: Feb 01, 2006

Document ID: 15094

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