Subject: Re: Kernel Panics Often! HELP
Posted by madguy24 on Mon, 19 Mar 2007 08:35:33 GMT
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yeah that's what I wonder. I already ran memtester. But (it may be the reason) it crashed the server and owner asked not to run it again. I confirmed with him that he has replaced the RAM a week back and already the entire server itself.

Results of running memtester on 1024 out of the total 2048 gave me the following results. mapcount went negative here, which I doubted corrupt RAM and that's why asked owner about the RAM replacement and he said he did it.

last line is what I got, before it crashed.

memtester 1024M
memtester version 4.0.6 (32-bit)
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pagesize is 4096
pagesizemask is 0xfffff000
want 1024MB (1073741824 bytes)
got 1024MB (1073741824 bytes), trying mlock ...locked.
Loop 1:
  Stuck Address   : ok
  Random Value   : ok
  Compare XOR   : ok
  Compare SUB   : ok
  Compare MUL   : ok
  Compare DIV   : ok
  Compare OR   : ok
  Compare AND   : ok
  Sequential Increment: ok
  Solid Bits   : ok
  Block Sequential   : ok
  Checkerboard   : ok
  Bit Spread   : setting 34
Message from syslogd@localhost at Mon Mar 19 09:08:58 2007 ...
localhost kernel: Bad page state in process 'kswapd0'

Message from syslogd@localhost at Mon Mar 19 09:08:58 2007 ...
localhost kernel: page:c15bf5e4 flags:0x80000000 mapping:00000000 mapcount:-1 count:0

Message from syslogd@localhost at Mon Mar 19 09:08:58 2007 ...
localhost kernel: Trying to fix it up, but a reboot is needed

Message from syslogd@localhost at Mon Mar 19 09:08:58 2007 ...
localhost kernel: Backtrace:

ok
  Bit Flip   : ok
  Walking Ones   : ok
  Walking Zeroes   : ok

Loop 2:
  Stuck Address   : ok
  Random Value   : ok
  Compare XOR   : ok
  Compare SUB   : ok
  Compare MUL   : ok
  Compare DIV   : ok
  Compare OR   : ok
  Compare AND   : ok
  Sequential Increment: ok
  Solid Bits   : ok
  Block Sequential   : setting 33