

p_manage_01: HEAP DUMP ... "Execution error .../io_z00.gnt"

- **Article Type:** General
- **Product:** Aleph
- **Product Version:** 16.02

Description:

We are running parallel indexing on our test server, with odn04 as the parallel library. p_manage_01 is suspended with this in the \$data_scratch /p_manage_01_a.err file:

```
FAILURE Tue Oct 17 21:47:25 CDT 2006 =====  
step 1  
Cycle: 4
```

b_manage_01_a: Retrieve Failure

Job Suspended !!!

And then we see this in the p_manage_01_a_4.log:

```
....  
15015 READING DOC 000165015 AT 21:47:01  
kghalo bad size 0x04000020  
***** Internal heap ERROR KGHALO2 addr=0 *****  
  
*****  
HEAP DUMP heap name="Alloc environm" desc=14c28b4  
  
<snip>  
  
003754C0 01000000 03000738 30BFFE31 01000000 03000744 30BFFE2E 01000000 03000750  
003754E0 30BFFE2B 01000000 0300075C 30BFFE28 01000000 03000768 30BFFE25 01000000  
  
----- End of Call Stack Trace -----
```

```
Execution error : file '/exlibris/aleph/a16_1/aleph/exe/io_z00.gnt'  
error code: 114, pc=0, call=14, seg=0  
114 Attempt to access item beyond bounds of memory (Signal 11)
```

Tue Oct 17 21:47:25 CDT 2006

```
FAILURE Tue Oct 17 21:47:25 CDT 2006 =====  
step 1  
Cycle: 4
```

b_manage_01_a: Retrieve Failure

Three attempts to run this job (with 7 processes) have all failed with this error.

Resolution:

Running the job with only three processes -- and canceling a tivoli dsmc process which was constantly taking 25% of CPU -- worked.

It seems that either this server cannot handle 7-9 process jobs -- or perhaps the out-of control tivoli dsmc process made the server susceptible to the HEAP DUMP crash when there were 7-9 processes.

It may be that there is something about the two server (Oracle back server) setup which is also a factor in this.

Additional Information

heap dump

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- **Article last edited:** 10/8/2013