

Re: AS 2000 Processor busy with no query or processing activity

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- *From:* davids@xxxxxxxxxxxxxxxxxx <davidsthorntonsinccom@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Tue, 3 Oct 2006 17:53:01 -0700
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From some other things I have read I figured that was go I also found files

in the AS folder called: Partition2006200603200609.18.agg.flex.map which seems to indicate that this is going on. How do you turn it off?

"Jeje" wrote:

do you have lazy aggregation partitions?
a lazy aggregation option will evaluate the aggregations of a partition when the server is IDLE instead of evaluate the aggregation during the processing time.

this can cause a long and slower processing time, but the cube become available more quickly to the end user.
but during this background aggregation the server is slower.

regarding the information in the performance counters, this indicates that you have a lazy aggregation process running.

"davids@xxxxxxxxxxxxxxxxxx" <davidsthorntonsinccom@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message
news:E06C6E0E-1A66-426E-A483-B040CEFAD36E@xxxxxxxxxxxxxxxxxx

We are having a problem with our OLAP server. It seems to sit at 25 to 35% processor busy even with no activity. Using performance monitor this appears to occur after partitions are processed in several cubes. Once the processing has completed it appears to continue to use 25% to 35% of the processor.

1. Processor Usages Sits at 25 to 35% busy
2. According to Performance Monitor "Analysis Server:Connection" there are zero "Current Connections" or "http Connections"
3. According to Performance Monitor "Analysis Server: Proc Aggs" 1

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Partition

is currently being processed even though no processing is occurring

4. According to Performance Monitor "Analysis Server: Proc Indexes" 1

Partition is currently being processed even though no processing is occurring

5. According to Performance Monitor "Analysis Server: Proc" 0 Partitions currently being processed

6. The Process text log shows no processing occurring

7. The server remains in this state for hours on end

8. Taskmgr shows msmdsrv.exe as the only task using the processor

9. When the processor finally returns to 0% busy several hours later the "Analysis Server: Proc Aggs" and "Analysis Server: Proc Indexes" both return to zero.

Server Specs:

Windows 2003 Service Pack 1 and all patches installed

MSOLAP 2000 with Service Pack 4

4 Gigs of RAM with /3GB switch

2 Intel Xeon Processors 2.40 Ghz

Maximum Number of threads: 8

Large level defined as: 1000

Minimum Allocated memory: 1024

Memory conservation threshold: 2048

Read ahead buffer: 40

Process buffer size: 2000

Write to log once per 50 queries