



–SQL Server 2005 Standard Edition SP2 Version 9.00.3050.00

–3GB BOOT.ini switch enabled

Issue:

–The processing of our Sales cube in our Production database (SSAS) fails with Memory Error.

Normal process:

– Successfully process all dimensions in Production DB (SSAS)

– Restart SSAS service to clear memory

– Process Sales Cube in Production DB (SSAS)

Events related to the beginning of this failure:

For 2 weeks, this would fail every time our ETL would run. Then 2 weeks ago, we deleted our Development DB (SSAS) that was restored from a backup of the Production DB.

Once that database was deleted, the processing of Sales Cube in Production DB was successful every time for 2 weeks.

Last week, we restored the Development DB (SSAS) from a backup of the Production DB. Now, when we try to process Sales Cube in Production DB, it fails every time.

As you can see above, we restart the service before processing Sales Cube in Production DB. Also, this is the only object that we try to process. We never even reference or affect Development DB.

Somehow, the presence of this 2nd SSAS database causes our processing to fail even though we never try to do anything with it. It's mere presence on the SSAS instance is causing our processing on Sales Cube in Production DB to fail.

My questions are:

– Since it is restored from a back up of Production DB, could Development DB actually be getting processed as well when we specify to process Production DB...i.e., they are sharing an object link so that when we specify to process only one, it processes both?

– Is there any memory allocation that happens just because an SSAS database exists? for example, if no one is querying it and it is not processing, is it eating up lots of memory?

If you have any other thoughts which have a solution besides "put the 2nd SSAS database on a separate machine", please let me know. Thanks so much in advance. –John– Hide quoted text –

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Thanks for your response.

The cube has less than 10 million rows. The SQL Server installation is 32-bit and as I mentioned in a below e-mail our SQL Server database engine is installed on the same machine.

2005 SSAS – Cube processing fails due to memory error when more than one SSAS database exists (even when not part of