

Re: Memory Question

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You should leave the /3GB in either way but if you want to use more than 4GB for SQL Server you must turn on AWE. The memory settings you are refereeing to default to what the OS sees and not necessarily what SQL Server can actually use. If you turn on AWE you can use all of it but you then need to set the MAX Memory setting to about 7GB or so. Otherwise SQL server will take all of the memory as it is not dynamic when using AWE.

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Andrew J. Kelly SQL MVP

"Jag" <Jag@discussions.microsoft.com> wrote in message
news:0ED37B31-6A40-40FC-8BC7-C241E96DD662@microsoft.com...

>I have Windows 2003 Enterprise Server with SQL 2000 Enterprise Editon.

> The server is a Quad 3.2 system with 7GB of ram.

>

> Right now I have in the boot.ini both the /PAE and the /3GB switch.

> AWE is dissabled at the moment.

>

> When I look at memory under properties in SQL Enterprise Manager, for the

> SQL server it is set to dynamic and it shows a min. of 0 and a max of

> 6911.

>

> When I look at perfmon SQL Memory Manager counters Total and Target memory

> it shows 2818712. This I assume is because of the /3GB switch which gives

> 3GB of the lower 4 GB to SQL.

>

> My question is how does the memory settings under the properties of the

> server in SQL enterprise manger fit into the memory equation. Is this the

> AWE settings or is this something completly different?

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> I have had some people tell me that I should leave /3GB in the boot.ini

> while others have told me to take it out and enalbe AWE.