

## Re: SQL 2000 memory in W2K3

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*Source:*

<http://www.tech-archive.net/Archive/SQL-Server/microsoft.public.sqlserver.setup/2007-09/msg00056.html>

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- *From:* AP <AP@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
  - *Date:* Tue, 18 Sep 2007 21:08:01 -0700
- 

Actually, performance monitor also shows only 4 GB used by SQL. What gives?

"AP" wrote:

So I got a chance to try this on a test server before we do it on the production one. When SQL server was re-started, it only grabbed 4 GB of ram on startup (as indicated by task manager) and not the 7 GB I set up. Why?

AP

"Ekrem Önsoy" wrote:

As you know, "Administrators" and "Domain Admins" are different groups.

Besides, using an account which has administrative rights for SQL Server is not recommended. That's why SQL Server 2005 has built-in groups and the service account that you use for SQL Server is added to that group and gain necessary permissions to work properly. Using an account that has administrative rights for SQL Server service is too much. For your information...

It would be enough to add a group that your SQL Server service is a member of to Lock Pages in Memory box in policy.

--

Ekrem Önsoy

"AP" <AP@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message  
[news:CDECC0E0-92CD-4AEC-B0EA-4FA0A8744239@xxxxxxxxxxxxxxxxxxxxx](mailto:news:CDECC0E0-92CD-4AEC-B0EA-4FA0A8744239@xxxxxxxxxxxxxxxxxxxxx)

Sorry to bug you again. What about modifying the Lock pages in memory

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policy  
on the server? Currently only the Administrator is in the  
policy. However,  
the SQL server is running under the login of a domain user  
that is a  
member  
of the domani admins group. Do I have to explicitly include  
this domain  
user  
in the Lock pages in memory policy?

"Ekrem Önsoy" wrote:

Yep, restart it. It will not take effect unless  
you restart your SQL  
Server  
service.

--  
Ekrem Önsoy

"AP"  
<AP@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>  
wrote in message  
[news:F6EB314C-BB98-4299-AE3F-CB575CADF25F@xxxxxxxxxxxxxxxxxxxx](mailto:news:F6EB314C-BB98-4299-AE3F-CB575CADF25F@xxxxxxxxxxxxxxxxxxxx)

One last item. It looks like  
even though I execute the sp  
and  
reconfigure,  
for the AWE to kick in, I  
need to stop and re-start  
SQL, is this  
correct?

"Ekrem Önsoy" wrote:

Yes, for  
sure.

--  
Ekrem  
Önsoy

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"AP"

<AP@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>

wrote in  
message

[news:A3A6EAB7-F94F-4E76-81CD-23AE0E30DBBB@xxxxxxxx](mailto:news:A3A6EAB7-F94F-4E76-81CD-23AE0E30DBBB@xxxxxxxx)

Tibor,

However,  
EE  
still  
requires  
the  
AWE  
to  
be  
enabled,  
and  
the  
max  
server  
memory  
to  
be  
set,  
correct?

AP

"Tibor  
Karaszi"  
wrote:

Yep.  
EE  
can  
use  
up  
to  
64  
GB  
(limited  
by  
OS  
and  
HW).

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SE  
is  
limited  
to  
2GB.  
2005  
is  
another  
story.

--  
Tibor  
Karaszi,  
SQL  
Server  
MVP  
<http://www.karaszi.com/sqlserver/default.asp>  
[http://sqlblog.com/blogs/tibor\\_karaszi](http://sqlblog.com/blogs/tibor_karaszi)

"AP"  
<AP@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>  
wrote  
in  
message  
<news:EF425ECB-7690-4730-81A3-2323F6F06AC>

Hank,

The  
previous  
reply  
from  
Ekrem  
indicates  
that  
SQL  
2000  
can  
use  
more  
than  
2  
GB  
of  
ram.

AP

"Hank

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Arnold  
(MVP)"  
wrote:

AP  
wrote:

Just  
set  
up  
a  
new  
Dual  
Xeon  
Dual  
Core  
with  
8  
GB  
of  
physical  
ram.  
It  
is  
running  
on  
Windows  
2003  
Enterprise  
Edition,  
and  
SQL  
2000  
Enterprise  
Edition.  
The  
setup  
put  
the  
/PAE  
switch  
in  
the  
boot.ini.  
It  
only  
looks  
like  
the  
server

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is  
using  
about  
1.7  
GB  
of  
ram  
at  
the  
moment.  
I  
have  
not  
changed  
any  
settings  
from  
the  
standard  
CD  
install.  
How  
can  
I  
be  
sure  
that  
the  
server  
will  
utilize  
more  
of  
the  
ram  
when  
it  
requires  
it?  
It  
is  
not  
going  
to  
be  
running  
anything  
else  
other  
than  
the

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SQL.

Thanks

IIRC,  
SQL2000  
can't  
use  
more  
than  
2GB  
RAM.....

--

Regards,  
Hank  
Arnold  
Microsoft  
MVP  
Windows  
Server  
-  
Directory  
Services