

Re: High memory usage (*HELP*)

Source:

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.sbs/2006-05/msg01830.html>

- *From:* ITDUDE27 <ITDUDE27@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Wed, 10 May 2006 07:30:02 -0700
-

Dave,

I've change to settings to the appropriate recmmended setting and the system still gets to a point where the system reponds very slow, eventually I'll get the Pop up Windows Run time C++ error when that happens. If I launch the report that resides on that server I will get error pertaining to low vm.

Basically, almost anything you do on the server will give you the error referencing low vm.

Thanks for your help.

"Dave Nickason [SBS MVP]" wrote:

It seems like we're talking about 2 different issues here. Setting aside the RAM question because I suspect the SBS is taking care of that as it should be, it looks like you're a little tight on both drives. That C will be ok if the free space stays where it is if the data on the drive stays about the same (I ran SBS on my old hardware with a 12 GB C with 1.5 GB free for months or years). But if it's growing, you need to figure out what specifically is growing and what you can do about it.

I'd suggest taking a look at this document. Of the items mentioned in the document that can be moved, I'd see what's on C that can be moved to D. On a server with 4 GB RAM, I doubt you need the second page file on D. So one option would be to delete the page file from D and move some data from C into that space, to give yourself a little more breathing room on C.

Another option would be to put a 4096 MB fixed size page file on D and remove the page file from C. That'll give you 4 GB extra of breathing room on C, but it'll take up 2.5 of the available space on D. Personally, when I had SBS on a 12 GB C partition, I didn't have a page file on C due to space considerations.

"ITDUDE27" <ITDUDE27@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message news:4626CE0E-D034-4C13-8F8D-4C90A90607F6@xxxxxxxxxxxxxxxxxxxx

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The virtual memory on C: drive is set to: 4032/4096
The virtual memory on D: drive is set to: 1550/3075
C: is 12Gig capacity – with 1.76GB FREE
D: is 22Gig capacity – with 7.13GB FREE

"Dave Nickason [SBS MVP]" wrote:

How much free space is there available on the C drive? If you have low disk space available, the system will log a specific message indicating that, and not one related to virtual memory.

Low on virtual memory does not necessarily mean anything with regard to disk space. It could just as easily be page file configuration. Do you have a page file set up at 1.5 times the size of your physical RAM? Go to Control Panel -> System and check it. You may need to do something with that.

Please post back with the size of your C drive and the amount of free space (from My Computer). Also the pagefile settings.

"ITDUDE27"

<ITDUDE27@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message

news:78F33197-A2DC-4F02-961D-31969EF491FD@xxxxxxxxxxxxxxxxxxxx

Dave,

I think i've narrowed it down to a disk space issue. This is a disk space issue because i'm down to 2Gig on the server, i've just noticed an entry in the system log "System is low on virtual memory."

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suggestion besides getting new drive.
Thanks.

"Dave Nickason [SBS MVP]" wrote:

You mean you are running out of free RAM, or disk space? Disk space is a separate issue from what we've been talking about.

If your system uses all the available RAM, and you're not having specific negative symptoms, you can ignore that. Unlike desktop PCs, it's common and acceptable for a server to put all of its available RAM to use.

"ITDUDE27"

<ITDUDE27@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>

wrote in message

news:1BA215B4-A318-41B0-A73D-1615CE072956@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

thanks
again.

Now i've got to point where lsass.exe and inetinfo.exe has allocatted a vast of memory also. I'm running out of disk space fast. There has to be

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something
going on,
and I can't
put my
finger on it.

I had to
reboot the
server again
this
morning.

"Dave
Nickason
[SBS
MVP]"
wrote:

I'll
give
you
a
quick
response,
but
please
feel
free
to
follow
up
with
questions:

1.
Ignore
store.exe.
You've
got
plenty
of
RAM
and
it's
to
your
benefit
performance
wise

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to
let
it
do
what
it
wants.
800
MB
is
probably
not
unusual
on
a
server
with
4
GB
–
mine
consistently
runs
around
700.

2.
What
SQL
processes
are
using
all
that
RAM?
Open
Task
Manager
and
view
the
processes,
making
sure
you're
displaying
the
PID
(Process
ID).
Open

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a
cmd
prompt
and
type
"tasklist
/svc"
which
will
display
what
the
PIDs
represent,
so
you
can
tell
if
it's
ISA,
Monitoring,
or
SharePoint.

3.
I
haven't
tried
to
throttle
back
the
RAM
used
by
SharePoint,
but
I've
throttled
ISA
and
Monitoring.
See
this
KB
that
tells
how
to
do

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it
with
ISA.
You
can
do
the
same
for
Monitoring.
For
every
command
that
references
"msfw"
in
the
ISA
doc,
substitute
"sbsmonitoring"
to
throttle
monitoring.
I
have
not
been
able
to
find
authoritative
recommendations
for
an
amount
of
RAM
to
throttle
it
to,
but
I
set
both
ISA
and
Monitoring
to

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128
MB
and
have
not
had
any
problems
with
either
one.

You
may
experience
high
memory
usage
on
an
ISA
Server
2004-based
computer
that
logs
messages
to
an
MSDE
database

<http://support.microsoft.com/default.aspx?scid=kb:en-us:909>

4.
If
you're
getting
allocated
memory
alerts
from
the
server,
what
I
did
was
to
run
it
for

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30
days.
Then
I
went
into
monitoring
on
the
Server
Mgmt
Console
and
set
the
threshold
to
110%
of
the
30
day
average.
I'm
still
well
under
the
4
GB,
and
I'm
not
getting
the
alerts
any
more.

FWIW,
I
don't
think
this
is
anything
to
do
with
a
virus

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or
other
problem.
I
think
it's
"normal"
functions
that
are
configured
less
than
optimally.

"ITDUDE27"

<ITDUDE27@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>

wrote

in

message

news:0D0FAA49-8545-44E0-BE13-23133CECD6EC@xx

Hello,

I'm
running
on
a
SBS
2003
environment
with
4gig
of
RAM.
Lately
i've
had
instances
where
both
sqlserver.exe
and
store.exe
allocate
800Meg
of
ram
each
which
eventually

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causes
the
box
to
hing.
I
know
exchange
can
take
a
good
chunk
of
memory,
but
is
it
normal
for
both
to
take
up
as
much.
IIS
occupy
close
to
1Gig.
I
think
something
going
on
I
've
ran
virus
scan,
spywares
nothing
reported.
Can
anyone
help.

Thanks
in
advance.

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