

microsoft.public.exchange.admin: Re: Outlook is trying to retrieve data

Re: Outlook is trying to retrieve data

Source:

<http://www.tech-archive.net/Archive/Exchange/microsoft.public.exchange.admin/2004-12/0654.html>

From: Ben Winzenz [Exchange MVP] (*ben_winzenz_at_NOSPAMdotmessageonedotcom*)

Date: 12/03/04

Date: Fri, 3 Dec 2004 09:42:28 -0600

It sounds like you have done fine with what you have – I don't want to say that "your" config is sub-optimal, and as I mentioned, with only 20 mailboxes, it won't be an issue. Here is the optimal config that I have come across for Exchange

2x hard drives RAID1 for OS

2x hard drives RAID1 for log files – RAID1 gives better performance because log files are sequential writes.

3(or more)x hard drives RAID5 for databases. You could also configure RAID 10 here for optimal performance, but that is expensive disk-wise. RAID5 is chosen here because it generally provides better read performance than RAID1 (RAID0 is the best, but who's going to use that?). While it isn't as good write-performance-wise, RAID5 offers the additional fault-tolerance with less of a cost disk-wise.

The reason it is usually important to have 3 partitions is that the log files should be separate from the OS, but also separate from the databases. The reasoning is simple. If your log files start growing out of control and fill up the disk where they are located, if they are separate from the OS, then while the databases will dismount, your OS will not crash. Also, keeping them separated from the Databases protects you if you lose the raid array where the databases are located, because you can restore from tape and Exchange will then replay the log files to get you current with no loss of data.

--

Ben Winzenz

Exchange MVP

"Rick" <rick@di-wave.com> wrote in message
news:%23bR\$U8M2EHA.3236@TK2MSFTNGP15.phx.gbl...

> Cool thanks.

>

> How would the drives be set better?

>

> "Ben Winzenz [Exchange MVP]" <ben_winzenz@NOSPAMdotmessageonedotcom> wrote
> in message news:OsA2GBK2EHA.304@TK2MSFTNGP11.phx.gbl...

>> Do you have the /3gb /userva=3030 switch in your boot.ini? With more
>> than

>> 1gb of ram, that switch should be added. It can be used on all versions

> of

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>> Windows 2003.
>>
>> Hard drive config isn't optimal, but with only 10 mailboxes, I'm sure it
>> won't cause any issues.
>>
>> I would try configuring the switch port and client NIC on one or two
> problem
>> computers to 100/Full. Also, make sure that your server is set to
> 100/Full
>> and the port it is attached to set to the same. Autosensing can be EVIL.
>>
>> --
>> Ben Winzenz
>> Exchange MVP
>>
>>
>> "Rick" <rick@di-wave.com> wrote in message
>> news:OjLOuyJ2EHA.3092@TK2MSFTNGP10.phx.gbl...
>> > "Ben Winzenz [Exchange MVP]" <ben_winzenz@NOSPAMdotmessageonedotcom>
> wrote
>> > in message news:%230Db$eJ2EHA.3500@TK2MSFTNGP09.phx.gbl...
>> >> Can you post server configuration and stats? i.e. # of hard drives,
> how
>> >> drives are partitioned, how many users/mailboxes, how much memory,
>> >> what
>> >> version of windows.
>> >>
>> >> Also, please indicate what type of network environment you have.
>> >> Switched
>> >> 100mb? 10mb? switches or hubs? NIC's set to autoconfigure
> speed/duplex
>> > or
>> >> is it hard set?
>> >>
>> >> Any errors appearing in the event logs on the server?
>> >>
>> >> You can also follow the steps outlined in this article to try and
>> > determine
>> >> if it is a client or server issue. It's an article for Exchange 2000,
>> >> but
>> >> the steps should be roughly the same for Exchange 2003.
>> >>
>> >>
> http://www.microsoft.com/technet/prodtechnol/exchange/2000/support/trouperf.msp
>> >>
>> >> --
>> >> Ben Winzenz
>> >> Exchange MVP
>> >>
>> >>
>> >> "Rick" <rick@di-wave.com> wrote in message
>> >> news:uyfGhbJ2EHA.304@TK2MSFTNGP11.phx.gbl...
>> >> >I tried this in the Outlook group but I think it might be an Exchange
>> >> >issue.
>> >> >
>> >> > I get this message many times a day and I cannot understand why. It
>> >> > only
>> >> > started when we went to Outlook 2003. "Outlook is trying to retrieve
>> > data
>> >> > from the Microsoft Exchange Server" I thought it might be a DNS
>> >> > issue
>> >> > so
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>> > I
>> >> > made and entry in the host file on the workstation pointing to the
>> >> > exchange
>> >> > server. The Exchange server is 2003 but before we went to 2003 it
>> >> > did
>> > this
>> >> > on our Exchange 2000 also. I have played all the office updates
>> >> > also.
>> >> >
>> >> > Any help would be most appreciated.
>> >> >
>> >> >
>> > Thanks I will look at that article but to answer your questions
>> >
>> > The Drives are in two partitions with a raid 5 config with 5 36GB
>> > drives.
>> > C drive about 30 GB
>> > D Drive about 100 GB
>> >
>> > Server is a dual 3 GHz HT with 3 GB of Ram.
>> >
>> > About 10 mail boxes.
>> >
>> > 100 Mb's Switched auto config
>> >
>> > Server is 2003 with Exchange 2003.
>> >
>> > No error to speak of really.
>> >
>> >
>> >
>>
>>
>
>
```