

microsoft.public.windows.server.sbs: Re: I really don't want to overload my new server... ;)

Re: I really don't want to overload my new server... ;)

Source:

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.sbs/2004-09/4685.html>

From: Daniel Walker (*daniel.walker_at_111ukgateway.net*)

Date: 09/15/04

Date: Wed, 15 Sep 2004 20:52:35 +0100

Thanks Chad – that helps quite a bit, in terms of overall scope.

Keep 'em coming...

```
--
--
daniel.walker@ukgateway.net
"Chad A. Gross [SBS MVP]" <chad.gross@laytonflower.nospam.com> wrote in
message news:%2350mkzQmEHA.324@TK2MSFTNGP11.phx.gbl...
> Hi Daniel -
>
> First, get as much server as you can afford. The big emphasis should be
> on your drive subsystem & RAM, followed by processors, etc.
>
> For 20 users, I would ideally be looking at
>
> 4 x 15k SCSI drives in a RAID 5 array (with the 4th drive as a hot spare)
> 2 GB RAM
> Dual Xeon Processors
> etc.
>
> I'd start with this config, and if it doesn't fit inside the budget, start
> trimming in the following order:
>
> 2nd processor
> Drop to 10k SCSI drives
> Drop 3 SCSI drives
> Drop to 1.5 GB RAM
> Drop to 3 SATA drives and so on . . .
>
> --
>
> Chad A. Gross - SBS MVP
> SBS ROCKS!
>
> www.msmvps.com/cgross
> www.gosbs.org
>
>
> Daniel Walker wrote:
>> Hello all
>>
>> I've recently started a new job in a small company (approx 20 users),
```

Re: I really don't want to overload my new server... ;)

microsoft.public.windows.server.sbs: Re: I really don't want to overload my new server... ;)

>> and one of my first tasks is to install a network. So far, I'm
>> looking to install a single server running SBS 2003 Premium, which
>> will handle DHCP, authentication, files (folder redirection),
>> exchange and internet access (IAS, hence the Premium edition).
>>
>> My question is simple - what sort of hardware am I going to need for
>> this? Obviously, I've read the minimum and recommended requirements,
>> but I really have no clue as to what will make a server of this kind
>> slow down, and how much load it is really designed to cope with.
>> Currently, I'm looking to purchase something like a HP ML110 (P4, 1GB
>> RAM, RAID 5 on 3 SATA drives), but I've been advised by a consultant
>> that this may may not be enough for all the stuff I want to do. I'm a
>> little wary of his advice because he wants to sell me a hardware
>> firewall, but it has put doubts into my mind. Would I be better going
>> for something which can be upgraded to accomodate 2 Xeon chips, or is
>> that just overkill? Ultimately, I can't see us going above 30 users
>> anytime soon, which I would have thought acceptable for the server I
>> mentioned.
>> If anyone could offer their opinion on this I would be most grateful.
>>
>> Regards
>>
>> Daniel Walker
>
>

Outgoing mail certified virus free
Checked by AVG anti-virus system (<http://www.grisoft.com>).
Version: 6.0.759 / Virus Database: 508 - Release Date: 09/09/2004