

Re: Help with setting up Sites.

## Re: Help with setting up Sites.

---

*Source:*

[http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.active\\_directory/2007-02/msg00234](http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.active_directory/2007-02/msg00234)

---

- *From:* "Herb Martin" <[news@xxxxxxxxxxxxxxxx](mailto:news@xxxxxxxxxxxxxxxx)>
  - *Date:* Sat, 3 Feb 2007 13:33:59 -0600
- 

"Michael" <[admin@xxxxxxxxxxxxxxxx](mailto:admin@xxxxxxxxxxxxxxxx)> wrote in message  
[news:en3a5G8RHHA.4260@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:en3a5G8RHHA.4260@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx)

Thanks for the prompt really. Glad to see i've not really missed the general idea of it again this time.

I guess it should be quite easy seeing as though all servers at Site A are on one vlan and all workstations are on another vlan. And the same for Site B – yet theirs are different. Therefore defining the subnets should be quite easy?

It is practically trivial to define the subnets. If a site has a large number of subnets then it makes sense to use subnet summarization (aka supernetting or route summarization in other contexts.)

There should be no downtime at all should there for anything. If a server is on the wrong subnet then it will just authenticate with another site DC i guess – until we can change its address?

Yes, and they are already doing that (inefficiently) now.

I'll try and answer the questions you asked as well below:

I do agree that most of what i am doing will be a formality but we do envisage growth and so another physical site and data centre in a few years is not out of the question.

Thus the advice to go ahead and do it fully.

So how many Domains do you have? [And why more than one with so few

Re: Help with setting up Sites.

people and locations?]

Forest Root Domain

Domain A

(Domain B – almost got rid of this now and not including it in any conversations as it is gone really) – I will delete all this before i set the sites/subnets up.

Domain C – A hosting domain for other companies. I want to get this in a separate forest really if i can plan some down time –again – this will be done first.

Stupid and too many i know – hence why i wish to sort it out now.

Is there a problem with making every DC a GC? I don't understand why every DC in every company is not a GC – what is the disadvantage? I will indeed make every one of ours a GC before i start.

The disadvantage would be if you have LARGE domains making the forest wide burden of replication much larger. With empty and tiny domains there is no negative.

A bit about adding secondary DCs to each site (So 2 on site A and 2 on site B) – I agree with what you say about this being overkill and i probably wont

I didn't say it was overkill unless you don't need that level of fault tolerance.

Some people need and can afford it; others do not and cannot.

bother to do it (just we have the hardware left over so thought i would ask the question). You say that it could improve performance for local users if they can authenticate against either DC at that site – how does this work exactly?

Once sites, subnets, sitelinks are setup correctly, and DCs are all in the correct sites the clients will attempt to authenticate FIRST with DCs of that particular site.

DCs will replicate quickly within a site, and use the parameters set by the admin to replicate in a controlled manner between sites (only one pair of DCs will

Re: Help with setting up Sites.

Re: Help with setting up Sites.

replicate at Scheduled times at Frequency intervals between the nearest,  
based  
on cost, sites.)

Could i therefore have:

Site A – representing physical site B

[Assume you mean "physical site A".]

DC01 (GC)  
ADC01 (GC)  
ADotherDC03 (GC)

Sure.

Site B– representing physical site B  
DC02(GC)  
ADC02(GC)  
ADotherDC04 (GC)

Sure.

.