

## Re: Adding site to Domain, question about configuring before deploy

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*Source:*

[http://www.tech-archive.net/Archive/Win2000/microsoft.public.win2000.active\\_directory/2006-01/msg00305.html](http://www.tech-archive.net/Archive/Win2000/microsoft.public.win2000.active_directory/2006-01/msg00305.html)

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- *From:* "Paul Bergson" <[pbergson@xxxxxxxxxx](mailto:pbergson@xxxxxxxxxx)>
  - *Date:* Tue, 10 Jan 2006 20:19:11 -0600
- 

I just built a dc in a corporate site in Minnesota and shipped it to Florida. I have a remote access controller setup that allows me to attach to the console w/o the machine be attached to the network. Once I can get access to the local machine I can modify the IP Address, setup the new site then throw it on the network and bring it on line and fix dns via running a netdiag /fix..

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"Herb Martin" <[news@xxxxxxxxxxxxxxxx](mailto:news@xxxxxxxxxxxxxxxx)> wrote in message  
[news:%23UKrcViFGHA.2064@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:%23UKrcViFGHA.2064@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx)  
> "snafu-ed" <[snafued@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:snafued@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx)> wrote in message  
> [news:151BDD0F-3799-43E4-86A2-B84B28719FE7@xxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:151BDD0F-3799-43E4-86A2-B84B28719FE7@xxxxxxxxxxxxxxxxxxxxxxxx)  
>>I currently have a win2k3 AD domain structure. Our network is setup so  
>>that  
>>each of our sites use a separate class c network. Routing between sites  
>>is  
>>controlled through routing tables on our cisco routers.  
>>  
>>So, if site A is the main site and uses 192.168.x.0 as the network  
>>address  
>>and site B is the new location and uses 192.168.y.0, is it possible to  
>>create  
>>the domain controller for site B while at site A?  
>  
> Yes, but generally it will default to the Site in which its IP  
> address places it.  
>  
> So you will have to (right click and) move it to the correct  
> site by the time you physically move it to the new location.  
>

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>> From what I've read and  
>> experienced you really should never change the IP addresses of Domain  
>> controllers so I wouldn't be able to simply set site B's ip address to  
>> the  
>> same subnet of site A even temporarily.  
>  
> I have been known to successfully change the IP addresses of  
> DCs. The key is to get the DNS changed (and replicated) with  
> it. And of course to get its site corrected.  
>  
> You can also create a "phony subnet" just for this purpose — if  
> it bothers you. E.g., 172.16.99.0 as the subnet.  
>  
> Make it part of the "new site". Setup routing to it in the local  
> LAN. Install the DC. Move the DC. Change the address and  
> and wait for replication.  
>  
> Go back and remove the Phone site (e.g., 172.16.99.0) from the  
> new site if you wish, so that next time you can use it for another  
> "new site."  
>  
> All of this is likely unnecessary but it is an option.  
>  
>> I guess what I am trying to determine is if when I create the new site in  
>> Active Directory Sites and Services if that will allow me to have the two  
>> domain controllers see each other on the same network even though they  
>> are  
>> showing different IP subnets and there will not be a router between them  
>> with  
>> the routing tables and to act as site B's gateway.  
>  
> If you wish, but you may also dispense with the router if you  
> run a (temporary) Multi-net and you know how to set the local  
> routing on each (affected) DC.  
>  
>> I'd like to be able to  
>> have the whole windows LAN pretty much configured (or as much of it as I  
>> can)  
>> before I haul everything up to the new site.  
>  
> This is quite workable if you don't already have machines populating  
> that "new site".  
>  
> The only changes when the ENTIRE subnet moves will be on the routers.  
>  
>> This will be the first multisite AD implementation that I will have done  
>> so  
>> I may be making a mountain out of a mole hill.  
>  
> Probably. <grin> But that is somewhat better than overlooking  
> critical problems and not even seeing the real hills for the mountain.

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> (Mixed metaphors.)  
>  
>> If anyone could give just  
>> some good pointers on that I'd appreciate it. I'm planning on doing some  
>> experimenting with Virtual PC with this kind of configuration before the  
>> install, but I figured I'd throw this question out there to give me some  
>> extra things to test.  
>  
> You would probably find it more natural to just use a small  
> router unless you are a real VPC expert. The extra complications  
> of VPC can easily obscure the problem (or magnify a non-problem)  
> if you aren't not truly adept at VPC.  
>  
> For most SERVER type testing this is not an issue but it (VPC) can  
> quickly present a problem if the network itself is what you are  
> trying to model.  
>  
> VPC can certainly simulate it, but a small router is much more  
> naturally isomorphic, i.e., same features, same ideas, same FEEL,  
> to the eventual router based setup.  
>  
> ---  
> Herb Martin, MCSE, MVP  
> Accelerated MCSE  
> <http://www.LearnQuick.Com>  
> [phone number on web site]  
>  
>

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• **References:**

- ◆ **[Re: Adding site to Domain, question about configuring before deploy](#)**  
    ◇ From: Herb Martin

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