

12-05-2005

Keith  
Templin  
Guest  
Posts: **n/a**

Is there a command line tool to create Site, subnets, and Links? I am trying to batch as much as I can of our initial AD 2003 setup. this way if I need to recreate in a VM session, all I need are the batch files.

I know it can be done in VB, but I am not too good at vb scripts.

TIA



12-05-2005

Herb Martin  
Guest  
Posts: **n/a**

"Keith Templin" <> wrote in message

news:%23%23dv67b%.. .

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I don't know of a separate tool specifically for this. DSAdd doesn't list these type. (Likely it only works on Domain partition is the reason.) Neither does NetDom. These are the two 'obvious' tools to check but I was unsurprised to find that they didn't support the Sites and Services stuff of the Configuration partition.

If you are that interesting in batch files (good idea) then you really can QUICKLY improve your VBS by downloading and using the ADSI Script-o-matic from MS. Just Google these keywords to find it.

The Script-o-matic is one of the best kept (non) secrets for admins.

--

Herb Martin, MCSE, MVP  
Accelerated MCSE  
<http://www.LearnQuick.Com>  
[phone number on web site]



12-05-2005

Ulf B. Simon-Weidner  
[MVP]  
Guest  
Posts: **n/a**

Keith Templin says...

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Hello Keith,

sorry - only Scripting will help you here. It's even with VBS a bit tricky since you have relationships between sites, subnets and sitelinks.

--

Gruesse - Sincerely,

Ulf B. Simon-Weidner

MVP-Book "Windows XP - Die Expertentipps": <http://tinyurl.com/44zcz>

Weblog: <http://msmvps.org/UlfBSimonWeidner>

Website: <http://www.windowserverfaq.org>



12-06-2005

Joe Richards [MVP] Guest

You can use any command line LDAP mod tool assuming you know the proper values to insert. There is no quick and easy site add generic tool that I am aware of.

**Posts: n/a** For every site you would need to create the site object, the NTDS Site Settings Object, Licensing Site Settings Object, Servers object. Then if you want to link the site to a subnet you would need to create a subnet object and set the site to link to on the subnet or just link an already existing subnet object. You would also need to add it to a site link (either precreated or you create one).

All of this is fairly easily doable with admod  
(<http://www.joeware.net/win/free/tools/admod.htm>)

For example (each line is one line):

Create Site

```
admod -b cn=myclisite,cn=sites,cn=configuration,dc=joe,dc=com -add  
objectclass::site systemflags::1107296256
```

Create License Settings object

```
admod -b "cn=Licensing Site  
Settings,CN=myclisite,CN= Sites,CN=Configuration,DC =joe,DC=com" -add  
objectclass::licensingsitesettings
```

Create NTDS Settings Object

```
admod -b "cn=NTDS Site  
Settings,CN=myclisite,CN= Sites,CN=Configuration,DC =joe,DC=com" -add  
objectclass::nTDSSiteSettings
```

Create Servers container

```
admod -b "cn=Servers,CN=myclisite,CN= Sites,CN=Configuration ,DC=joe,DC=com"  
-add  
objectclass::serversContainer systemFlags::33554432
```

Create a subnet and link to site created above

```
admod -b CN=10.192.0.0/16,CN=Subnets,CN= Sites,CN=Configuration,DC=joe,DC=  
com  
-add objectclass::subnet systemflags::1073741824 siteobject::CN=myclisite,CN  
= Sites,CN=Configuration,DC=joe,DC=com
```

Create a sitelink and add site created above to it as well as the vsite site  
(remember you need to link at least TWO sites to get replication between them)

```
admod -b "CN=myclisitelink,CN=IP,CN=Inter-Site  
Transports,CN= Sites,CN=Configuration,DC=joe,DC=com " -add objectclass::sitelink  
cost::100 replinterval  
systemflags::1073741824  
sitelist:++:CN=myclisite,CN= Sites,CN=Configuration
```

,DC=joe,DC=com;CN=VSite,CN=Sites,CN=Configuration, DC=joe,DC=com

If any of this is confusing to you, you probably want to avoid doing it. If you dork up any of this, your replication topology can get seriously screwed up. I scripted this for a Fortune 5 company back in 2000 and I have to say it saved tons of time as they have some 500 or so sites we had to create. But when I did it, I had a strong understanding of what the objects involved were and their values from playing in the lab a lot.

joe

--

Joe Richards Microsoft MVP Windows Server Directory Services  
[www.joeware.net](http://www.joeware.net)

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12-06-2005

Joe Kaplan  
(MVP -  
ADSI)  
Guest  
Posts: n/a

Also, while not a command line tool so to speak, .NET 2.0 has a nice read/write API for managing sites with the System.DirectoryServices.ActiveDirectory namespace. You could easily write a little console app that manages sites using it. The advantage here is having a pre-baked API specific to sites.

Otherwise, Joe's tool is probably the way to go.

Joe K.

"Joe Richards [MVP]" <> wrote in message  
news:%23mp3\$%23g%.. .

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> joe
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>
> --
> Joe Richards Microsoft MVP Windows Server Directory Services
> www.joeware.net
>
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