

Re: Export/import AD

Source:

http://www.tech-archive.net/Archive/Win2000/microsoft.public.win2000.active_directory/2005-08/msg00668.html

- *From:* "Cary Shultz [A.D. MVP]" <cwshultz@xxxxxxxx>
 - *Date:* Sun, 21 Aug 2005 18:06:16 -0400
-

Peter,

No problem on the corrections. Those two errors (well, one was a dumb error and the other was a typo) need to be corrected and corrected quickly.

You are correct: the groups and the OUs do need to first be created before you can do the import [maybe using the "-i" switch? ;-)]. The reason is that when you do the export there is something called the DN (or distinguished name). So, the user account object would have a DN of CN=Cary Shultz,OU=IT,OU=Offices,DC=mydomain,DC=com. This implies that there is a domain called mydomain.com and that there is a specific OU organizational structure (namely, an OU called 'Offices' with sub-OUs, one of which is called 'IT'). If this DN path does not exist (or is spelled incorrectly!) then there will be failure.

You mentioned more sophisticated manipulations: try messing around with the Exchange stuff!

There are simply tons of things that you can do with this tool. it is all really quite cool. It will also help you if you ever decide to get into scripting (or that stuff will help you with ldifde if you are already into that).

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Cary W. Shultz
Roanoke, VA 24012
Microsoft Active Directory MVP

<http://www.activedirectory-win2000.com>
<http://www.grouppolicy-win2000.com>

"Peter Kaufman" <pmkdatabase_at_yahoo_dot_ca> wrote in message news:t4mgg11s3rlujjauj81t24s881m3ovf3vh@xxxxxxxx

> Hi Cary,

>

> I hope you understand I did not mean to be critical, only to get the

Re: Export/import AD

> corrections into the thread. I really appreciate you and all the MVPs
> - I think that program is the smartest thing MS ever did!
>
> I also discovered that the group and OUs have to be imported first, or
> there will be errors importing any users in any custom groups or OUs.
>
> Thanks to your advice, a simple export/import worked, and I can see
> the possibilities of more sophisticated manipulations.
>
> Thanks again,
>
> Peter
>
> On Sat, 20 Aug 2005 21:14:31 -0400, "Cary Shultz [A.D. MVP]"
> <cwshultz@xxxxxxxx> wrote:
>
>>Reply-To: "Cary Shultz [A.D. MVP]" <cwshultz@xxxxxxxx>
>>From: "Cary Shultz [A.D. MVP]" <cwshultz@xxxxxxxx>
>>References: <5lj3g1tupl4ucibud1fr33ht7hqhnartq3@xxxxxxxx>
>><#gOWp5ooFHA.3256@xxxxxxxxxxxxxxxxxxxxxxxx>
>><n1a8g1t9r2n1u47boopgtmsulkf2ar6ff5@xxxxxxxx>
>><uX#\$7nKpFHA.3316@xxxxxxxxxxxxxxxxxxxxxxxx>
>><f69eg1l33sqb00323s9rmrptihlmt4tm5r@xxxxxxxx>
>>Subject: Re: Export/import AD
>>Date: Sat, 20 Aug 2005 21:14:31 -0400
>>Lines: 119
>>Organization: NKD Solutions, Inc.
>>X-Priority: 3
>>X-MSMail-Priority: Normal
>>X-Newsreader: Microsoft Outlook Express 6.00.2900.2527
>>X-MimeOLE: Produced By Microsoft MimeOLE V6.00.2900.2527
>>X-RFC2646: Format=Flowed; Original
>>Message-ID: <#FY832epFHA.3256@xxxxxxxxxxxxxxxxxxxxxxxx>
>>Newsgroups: microsoft.public.win2000.active_directory
>>NNTP-Posting-Host: 0-1pool120-42.nas98.washington1.dc.us.da.qwest.net
>>65.135.120.42
>>Path: TK2MSFTNGP08.phx.gbl!TK2MSFTNGP12.phx.gbl
>>Xref: TK2MSFTNGP08.phx.gbl
>>microsoft.public.win2000.active_directory:163316
>>
>>Doh!
>>
>>Okay, one stupid mistake and one typo! I am very sorry!
>>
>>Yes, the -i switch is what you would need to specify where you importing a
>>.ldf file into your AD environment. Since ldifde defaults to exporting
>>you
>>do not really need to specify anything for what are doing. That was a
>>hairball mistake. Sorry!
>>
>>Now, for the sAMAccountType filter - this was simply my fingers not quite

Re: Export/import AD

Re: Export/import AD

>>interacting with my brain. You are correct: 368 is for user account
>>objects
>>and 369 is for computer account objects (which I honestly did not
>>know!).
>>See, from my typo I learned something! Thank you.
>>
>>Anyway, if you have any more questions please feel free to ask. ldfide is
>>a
>>really wonderful thing to know. It takes a lot of 'doing' to get it,
>>though. It has a brutal and unforgiving syntax. But, once you get it the
>>world opens up to you. It is essentially ldap-stuff.
>>
>>Again, sorry for the two mistakes. I guess that I need to pay better
>>attention.
>>
>>--
>>Cary W. Shultz
>>Roanoke, VA 24012
>>Microsoft Active Directory MVP
>>
>><http://www.activedirectory-win2000.com>
>><http://www.grouppolicy-win2000.com>
>>
>>
>>
>>"Peter Kaufman" <pmkdatabase_at_yahoo_dot_ca> wrote in message
>>news:f69eg1133sqb00323s9rmrptihlmt4tm5r@xxxxxxxxxx
>>> For the archives, I think this is wrong (I am sure you will correct me
>>> if *I* am!).
>>>
>>>>Anyway, for the user account objects try something like this:
>>>>c:\>ldifde -i -f c:\users.ldf -s dc01.yourdomain.com -t 389 -d
>>>>
>>>>-i switch would *import* data into the production AD, would it not?
>>>>
>>>>Also, I think users is 805306368 not (sAMAccountType=805306369), which
>>>>seems to be computers.
>>>>
>>>>Peter
>>>>
>>>>
>>>>On Fri, 19 Aug 2005 06:37:11 -0400, "Cary Shultz [A.D. MVP]"
>>>><cwshultz@xxxxxxxx> wrote:
>>>>
>>>>>Peter,
>>>>>
>>>>>I would do a search in this NG for postings from me about five to eight
>>>>>months ago. If you are using Outlook Express for your NG reader then
>>>>>this
>>>>>should be easy to do.
>>>>>

Re: Export/import AD

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>>>>Anyway, for the user account objects try something like this:
>>>>
>>>>c:\>ldifde -i -f c:\users.ldf -s dc01.yourdomain.com -t 389 -d
>>>>"DC=yourdomain,DC=com" -r "(sAMAccountType=805306369)" -p subtree -l
>>>>"cn,sAMAccountName,objectClass,userAccountControl,displayName,givenName,sn"
>>>>
>>>>For the group objects try something like this:
>>>>
>>>>c:\>ldifde -i -f c:\groups.ldf -s dc01.yourdomain.com -t 389 -d
>>>>"DC=yourdomain,DC=com" -r objectClass=group)" -l "cn,groupType,member"
>>>>
>>>>Now, this is a very generic solution. Let's say, for example, that you
>>>>keep
>>>>all of your user account objects in an OU structure that looks like
>>>>this:
>>>>
>>>>OU=Offices
>>>>
>>>> OU=Roanoke
>>>> OU=Richmond
>>>> OU=Blacksburg
>>>> OU=Raleigh
>>>>
>>>>
>>>>You search parameter for the user account objects could look like
>>>>his: -d
>>>>"OU=Offices,DC=yourdomain,DC=com" -p subtree. This might be a little
>>>>bit
>>>>better.
>>>>
>>>>NOTE: if you use the -m switch, then you can not use -r
>>>>"(sAMAccountType=805306369)". You would have to go with the standard
>>>>filter
>>>>of -r "(&(objectCategory=person)(objectClass=user))".
>>>>
>>>>What does the -m switch do? It removed 'domain-specific information'.
>>>>Now,
>>>>what does that mean? Let's say that you have a mailbox size
>>>>restriction.
>>>>One that you have created with a policy on the Exchange Server. I
>>>>forget
>>>>the exact attributes but they are something like mbdefaultlimit,
>>>>mboverdefaultlimit and mbhardoverdefaultlimit ( going from memory
>>>>here.....something like this ). Each user account object that was
>>>>subject
>>>>to this policy would have those attributes and the corresponding value.
>>>>Were you to use the -m switch then you would not see these attributes /
>>>>values since they are specific to that domain!
>>>>
>>>>So, this is what you would run on your production environment. Then,
>>>>recreate the environment on the test / lab server ( run dcpromo, et
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Re: Export/import AD

>>>>al).
>>>>Then, simply run c:\>ldifde -f c:\users.ldf (assuming that this is
>>>>where
>>>>you have placed the .ldf file). Next, run the c:\>ldifde -f
>>>>c:\group.ldf
>>>>file.
>>>>
>>>>Just make sure that your OU structure is the same in your test
>>>>environment
>>>>as in your production environment. If it is not there will be a
>>>>problem.
>>>>
>>>>Does that clear things up?
>>>>
>>>>Now, for a good into to ldifde and how to use it take a look at the
>>>>following:
>>>>
>>>><http://support.microsoft.com/?id=237677>
>>>>
>>>>
>>>>
>>>>

• *References:*

- ◆ ***Export/import AD***
 - ◇ *From:* Peter Kaufman
 - ◆ ***Re: Export/import AD***
 - ◇ *From:* Cary Shultz [A.D. MVP]
 - ◆ ***Re: Export/import AD***
 - ◇ *From:* Peter K
 - ◆ ***Re: Export/import AD***
 - ◇ *From:* Cary Shultz [A.D. MVP]
 - ◆ ***Re: Export/import AD***
 - ◇ *From:* Peter Kaufman
 - ◆ ***Re: Export/import AD***
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- Prev by Date: ***Re: enterprise admins in single domain question***
 - Next by Date: ***Re: enterprise admins in single domain question***
 - Previous by thread: ***Re: Export/import AD***
 - Next by thread: ***Trust between 2000 and 2003***
 - Index(es):
 - ◆ ***Date***
 - ◆ ***Thread***