

# Re: Redirect computers to a specific OU by IP Address

---

*Source:*

[http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.active\\_directory/2007-06/msg01294](http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.active_directory/2007-06/msg01294)

---

- *From:* [is.that.spam.on.my.shoe@xxxxxxxxxx](mailto:is.that.spam.on.my.shoe@xxxxxxxxxx)
  - *Date:* Wed, 27 Jun 2007 03:06:04 -0700
- 

On Jun 26, 3:52 pm, Ryan Hanisco

<RyanHani...@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote:

Hi,

Getting the IP address of the workstation is easy if you are running the script from the workstation. The issue there is that it would be a huge security hole to let the workstation update the directory from the UI. (If you were to do this, you would have to hard code admin credentials.)

From the server you would be relying on a DNS or DHCP lease lookup. Neither of these is authoritative — what about dual homed computers, DNS entries that haven't been scavenged, expired leases... And if doing these in batches, you couldn't guarantee that all the machines would be available. From a consistency standpoint, I see this going all quagmire on you. In the face of that, I'd probably just make that the responsibility of the local admins and give them a timeline. This really **SHOULDN'T** take too long at all.

As to going forward, you can create a new OU to have all new computer accounts as they are created. You'd then place a GPO on that OU to **COMPLETELY** lock them down until an admin put them into the right OU. This eliminates the problem, forces administration, and gives the admins incentive to do their jobs.

Have a look at the following article: <http://support.microsoft.com/default.aspx/kb/324949>

Hope this helps.

—

Ryan Hanisco  
MCSE, MCTS: SQL 2005, Project+  
Chicago, IL

Remember: Marking helpful answers helps everyone find the info they need quickly.

"is.that.spam.on.my.s...@xxxxxxxxxx" wrote:

Re: Redirect computers to a specific OU by IP Address

Ryan,

Much appreciate the response

To be more succinct:

I do agree with you on the site v'sOUmodel. However because this is an environment where its become more or less a free for all (prior to me coming on board) where there has been approx 15 seperate admins (with sufficient damage priveleges) joining computer accounts to a W2K3 domain without any thought as to where they should be placed thereafter. All workstations will be static from that respect (any laptops can be moved into a seperateOU).

I'm in the process of disabling computer accounts that have not been used for approx 180–240 days (as there is over 1000 computer accounts currently held in the Computer container).

Like I said , I want to try to put a policy in place that will automatically place any newcomputersinto the relevant Site/Sub-Container (Remote Site -> Computers\_OU) if the site admin does not moveit after creation.

My problem is that I can't curtail the additions of new/rebuilt PC's in the remote locations (very loose corporate enforcement policy) so I want to attempt to put a cleanup process in place automatically in HQ.

My biggest problem is that I just dont know where to start the script at....

:)

Hoot

Re: Redirect computers to a specific OU by IP Address

On Jun 26, 5:36 am, Ryan Hanisco  
<RyanHani...@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote:

SpamShoe... <G>

There are two answers to your question:

1. Remember that computer accounts' site membership is determined by subnet at the time. Since Site is one of the three places where you can bind a Group Policy, it is relatively easy to create policies by site without having to create OUs.

2. This flexibility is a blessing and a curse. If all your workstations are static, it isn't a big deal. So something like folder redirection becomes easy as you always bind to the local site. With mobilecomputers, the site affinity changes as theymove, making it more complicated. Even with statically assigned OUs, you'll run into this problem. So you could write a script to addcomputersto anOU, but what if theymove-- or worse, what if they're not at their primary site when the script runs?

You'll need to look at what you're really trying to do before you pick a solution. Are you just trying to apply a policy by site or is there something else you gain by OUs? If you need something flexible enough to allowcomputerstomove, do you need a replicated environment like DFS or SAN GeoSynch?

## Re: Redirect computers to a specific OU by IP Address

There is a bit to consider here and it all must be carefully planned.

--

Ryan Hanisco  
MCSE, MCTS: SQL 2005, Project+  
Chicago, IL

Remember: Marking helpful answers helps everyone find the info they need quickly.

"is.that.spam.on.my.s...@xxxxxxxx" wrote:

Hi,

I've seen relevant posts in the past for various queries on the "DefaultComputers"OU, which work great. However I have come across a legacy site with a very loose AD environment where hundreds of computer accounts are unaccounted for (forgive the pun) scattered within this AD environment. The main problems are:

- No computer naming convention (various flavours of different Depts)
- No policies in place previously to move new accounts out of the default container.
- Distributed remote sites.

I was wondering how to go about marrying a script to perform the following:

- Parsing the machines by / for its IP address (approx 15 different

## Re: Redirect computers to a specific OU by IP Address

subnets assigned through DHCP)  
– Once the machine subnet has been identified – then the PC's are moved into their new site specific OU where the local GP can be enforced.

This will then be added as a startup or shutdown script and linked to a "DefaultComputers" OU (will create a new OU for existing container to support this task).

Am I being too vague or too ambitious ?

Could anyone point me to rough script since I'm a complete novice and rely on seasoned veterans to post miracle scripts on a regular basis.

kind Regards

Hoot.– Hide quoted text –

– Show quoted text –

Thanks Ryan that makes a lot more sense.

.