

Changing IP address ...



[chgarcia](#) 9 posts since

Jun 21, 2006 Would i be able to change the IP address of a VM that is powered off using powershell?



[LucD](#) 2,431 posts since

Oct 31, 2005 **1. Re: Changing IP address** Jul 23, 2008 1:33 AM

Not that I know of.

The IP address is defined in the OS that runs on the VM.

There are ways of changing/defining the IP address but it would always require starting the VM.



[LucD](#) 2,431 posts since

Oct 31, 2005 **2. Re: Changing IP address** Jul 23, 2008 8:47 AM

Not that I know of.

The IP address is defined in the OS that runs on the VM.

It will always require at least starting the VM.

[Sorry about the duplicate. We're still having problems with access to the communities in my neck of the woods.](#)

Message was edited by: LucD



[c_shanklin](#) 754 posts since

Dec 3, 2007 **3. Re: Changing IP address** Jul 23, 2008 10:00 AM



This is possible, using guest customization. Unfortunately I don't have an example ATM but we're working on one.

For reference, this is how VMware Site Recovery Manager works. It's not a very pretty process (we'll have a much better one when we hook up VIX a bit more than it is today) but it does work.



[LucD](#) 2,431 posts since

Oct 31, 2005 **4. Re: Changing IP address** Jul 23, 2008 10:28 AM

 in response to: [c_shanklin](#) Carter, now you made me very curious. 

If that is possible for a powered off guest (Windows or Linux) some of our problems would be solved.

In fact we have been following a recent discussion on SRM and changing IP addresses on the Dell Inside IT blog.

It boiled down to this:

- use a " customization wizard" similar to what we now do when we clone a guest or create a new one from a template
- but for the actual change (hostname, IP addr...) the guest needs to be powered on

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And during the SRM Deep Dive session last February we got a similar view.



[chgarcia](#) 9 posts since

Jun 21, 2006 **5. Re: Changing IP address** Jul 23, 2008 10:35 AM


Guys,

Thank you very much for all your replies. I suppose I should tell you all what my reason for asking is. Basically we are implementing ESX with snapshots in a staging environment. We dont want to have to manually change every IP (unfortunately we're using Static addresses). In order to automate the method we would like to know of a way to change a VMs IP without turning it on or at least set the network interface, through a script, to DHCP.



[c_shanklin](#) 754 posts since

Dec 3, 2007 **6. Re: Changing IP address** Jul 23, 2008 11:03 AM

 in response to: [LucD](#)

Luc,

I just spoke with someone very knowledgable of SRM and he said we don't have any built in way for doing it with powered off VMs.

That being said, you could use a tool like the VDDK to edit the files of an offline VM, which you could use to change Linux IP addresses, and I believe they are also going to add the ability to do this with offline registry hives at some point, which would cover Windows.

Obviously this would be rather ugly, but if anyone goes down this route, please let us all know.



[c_shanklin](#) 754 posts since


Dec 3, 2007 **7. Re: Changing IP address** Jul 23, 2008 3:12 PM

There is an entry for this in our [FAQ](#) (search for IP address), has anyone tried it?



[rolandt](#) 19 posts since

Aug 26, 2005 **8. Re: Changing IP address** Jul 25, 2008 8:45 AM

 in response to: [c_shanklin](#)

I attempted to use the "change IP address in a VM" code snippet from the FAQ unsuccessfully. After some tweaking here and there I got the code to execute but it did not change the IP addr. Since (for this particular situation) all of the VMs that I needed to do this address change in are MS W2K3, as a work-around I am using psexec to remote execute netsh.

It would be really nice if the toolkit customization method would really work because I will have to do this same thing with linux VMs very soon.

Note, do not know if it had anything to do with the code snippet not working but in this development testbed we do not have any VC OS Customization entries.