

Re: Problem with the System Cloning Tool

Source:

<http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.embedded/2005-04/msg01211.html>

- *From:* "KM" <konstmor@xxxxxxxxxxxxxxxxxxxx>
 - *Date:* Mon, 25 Apr 2005 16:10:38 -0700
-

Larry,

Sorry, I lost the point.

I had thought your problem was how to have a unique name specified per device and be able to connect to it and change the name as you'd want it to be.

But seems like I was wrong and you were asking about the remote tool that would allow you to connect to a headless terminal. Is it right?

RDP, Telnet, Computer Manager, etc.?

Many remote tools are out there that will be helpful to you as long as you are able to connect to the computer remotely over NetBT.

If I am wrong in my assumptions, please describe your problem and system/deployment setup and procedure.

—

Regards,

KM, BSquare Corp.

> You said "Then you connect to a machine resolving the name and change the name/reboot."

> That's kind of what I was looking for. How do I do that? I can use 'newsid' if I connect

> a keyboard and monitor but it doesn't look like I can do that remotely.

>

> In article <eZwX27dSFHA.3420@xxxxxxxxxxxxxxxxxxxxxxxx>, Km wrote:

>> From: "KM" <konstmor@xxxxxxxxxxxxxxxxxxxx>

>> Subject: Re: Problem with the System Cloning Tool

>> Date: Mon, 25 Apr 2005 14:37:45 -0700

>> Newsgroups: microsoft.public.windowsxp.embedded

>>

>> Larry,

>>

>> How are you going to identify the client machine on the network remotely?

>>

>> You could connect to the machine by its IP address. But if you use DHCP you will have to

> either guess on the IP or use the server

>> logs if accessible.

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>> Or you can have a static IP built-in but then don't turn on all the targets the same
> time on the same network.
>>
>> Alternatively, you can have a common name for all machines (again, don't turn them all
> on once) or uniquely generated during FBA
>> (you may or may not end up seeing the bug Rob reported). Then you connect to a machine
> resolving the name and change the
>> name/reboot.
>>
>> Another way of changing the network computer name manually would be connecting to the
> target over serial.
>>
>> But again, if you have a programming skills, I'd rather suggest you to write a tool to
> automate the process. This is all pretty
>> straight forward to implement with a script language and a server write access share.
>>
>> --
>> Regards,
>> KM, BSquare Corp.
>>
>>> I was hoping for just a command line program that would change the computer name on a
>>> remote computer?
>>>
>>> In article <OmJqiS2RFHA.3336@xxxxxxxxxxxxxxxxxxxxxx>, Km wrote:
>>>> From: "KM" <konstmor@xxxxxxxxxxxxxxxxxxxx>
>>>> Subject: Re: Problem with the System Cloning Tool
>>>> Date: Fri, 22 Apr 2005 10:56:55 -0700
>>>> Newsgroups: microsoft.public.windowsxp.embedded
>>>>
>>>> And just to add to that.. If you happened to get an IP for a device and NetBT works,
>>>> then you can try to resolve the "<fixed prefix>
>>>> NN" netbios names on the network and the first unresolved one would show you the
> current
>>> number top. This will give a simple
>>>> incrementing procedure.
>>>> Adding proper error handling considering possible network problem would also help.
>>>>
>>>> --
>>>> Regards,
>>>> KM, BSquare Corp.
>>>>
>>>>> Could you write a run once app, something that could contact a network
>>>>> service which arbitrate's network names, something in a vain of a DHCP
>>>>> server, or you could do it on the basis of IP address? So you plug the
>>>>> terminal into a network, get its IP address and set the name of the machine
>>>>> on the basis of its IP, that way you could rely on the DHCP server
>>>>> infrastructure to keep names unique. I don't think that there's an off the
>>>>> shelf way that you could do it, but writing your own shouldn't prove to be
>>>>> that difficult.
>>>>>
>>>>> HTH,

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> implementation
>>> but
>>>>> this is irrelevant to your problem.
>>>>>>
>>>>>>> I'm using the System Cloning Tool to name my machines, now I seal the image,
>>>>>>> clone the drives and put the drives in our terminals. However, on a sample
> of
>>>>>>> only 80 images we've had about 15 network name clashes. Is there a setting
>>>>>>> that I have to have change, or is there a top limit that the machines will
>>>>>>> safely clone to?
>>>>>>>>
>>>>>>>> My concern is that we are toying with the idea of using remote boot systems
>>>>>>>> that will have in the order of a 1000 units. Will we end up in the situation
>>>>>>>> where large numbers of our terminals will have name clashes?
>>>>>>>>
>>>>>>>> Thanks for any information you might have.
>>>>>>>> Rob
>>>>>>>> --
>>>>>>>> .Net Development Engineer
>>>>>>>> ECM Systems Ltd
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- **Follow-Ups:**
 - ◆ **Re: Problem with the System Cloning Tool**
◇ From: Larry Waibel

 - **References:**
 - ◆ **Problem with the System Cloning Tool**
◇ From: Rob White
 - ◆ **Re: Problem with the System Cloning Tool**
◇ From: KM
 - ◆ **Re: Problem with the System Cloning Tool**
◇ From: Larry Waibel
 - ◆ **Re: Problem with the System Cloning Tool**
◇ From: Rob White
 - ◆ **Re: Problem with the System Cloning Tool**
◇ From: KM

Re: Problem with the System Cloning Tool

◆ ***Re: Problem with the System Cloning Tool***

◇ *From:* Larry Waibel

◆ ***Re: Problem with the System Cloning Tool***

◇ *From:* KM

◆ ***Re: Problem with the System Cloning Tool***

◇ *From:* Larry Waibel

- Prev by Date: ***Re: Problem with the System Cloning Tool***
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