

RE: Remotely Manage Windows Service

Source:

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.general/2006-07/msg00376.html>

- *From:* Ross <Ross@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Wed, 12 Jul 2006 05:40:02 -0700
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Hi John

The way that Microsoft would recommend you do this is by using the Security Templates snap-in for MMC. If you load the snap-in and navigate to System Services, you will see that after you 'Define this policy setting in this template' you can then set security on any Service that you like.

Services have ACLs just like other resources on your server. Obviously, it's now just a case of adding your user to the ACL on the Service and then saving the policy.

Now apply the policy using the Security Configuration and Analysis MMC snap-in.

I haven't gone into the finer detail here of click this, then that, but I'm sure you'll work it out from these pointers.

Let us know how you get on.

Kind Regards

Ross

"john d" wrote:

I've tried multiple other services using the correct syntax indicated, but no luck. Any other way to do this, perhaps a batch file?

"Erik Szewczyk [MVP]" wrote:

Your first command should have been:
sc \\server start w3svc
(hence the syntax error)

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I'd try labbing this to make sure it's not an issue with your deployment.
I'd also use a service without the complex dependancies for testing.

Good luck,
Erik

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MCSE:Messaging 2003, MVP

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"john d" wrote:

Not much luck with the SC command and I can't seem to find much of any resources regarding this issue on the web. The sc results are below and I have replaced the server and service names.

```
C:\sc start \\server w3svc  
[SC] StartService: OpenService FAILED 123:
```

The filename, directory name, or volume label syntax is incorrect.

```
C:\sc \\server query  
[SC] OpenSCManager FAILED 5:
```

Access is denied.

```
C:\sc \\server getkeyname servicename  
[SC] OpenSCManager FAILED 5:
```

Access is denied.

Any ideas? If not to resolve this, perhaps another method for allowing a remote user to start/stop a service without being an administrator.

"Erik Szewczyk [MVP]" wrote:

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It's been a while since I've played with granting non-admins privileges to services however as memory serves they aren't going to be able to do it with the MMC since they only get privileges over the service (not the database).

Some things to check/try:

- * Make sure you've applied the policy with the "Configure Computer Now" command (otherwise it will get defined in the database but never applied to the computer).

- * I'd also try starting/stopping the service using the "SC" command to see if it also gets access denied.

Good luck,

Erik

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"john d" wrote:

I need to allow a user to remotely start and stop a single designated service on a 2003 server machine without making them a local administrator.

I attempted to use a security template on the server to specify permissions for this user for the desired service as per KB 325349, <http://support.microsoft.com/kb/325349/en-us>. However, the user still cannot start or stop the service using both the MMC or the netsvc utility. When using MMC, the error is

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"Unable to open service control manager database on \\server Error 5: Access is denied." When using the netsh command, the error is also "Access is denied."

Please note that if I make the user a local administrator, they can access all services via the MMC for the server, but the netsh command still says "Access is Denied". On the other hand, if I log in as one of the domain admin accounts, which is also a member of the local administrator group, and run the netsh command, I can successfully start and stop the service.

At this point I am stuck and either need to resolve one of the existing issues with MMC or NETSH or come up with an alternate solution.