

# Re: Batch script for maintaing remote services

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  - *Date:* Thu, 19 Feb 2009 08:19:04 -0800 (PST)
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On Feb 19, 8:20 pm, "Pegasus \(\MVP\) " <I....@xxxxxxxxxx> wrote:

\*\*\* See below.

"test" <harpreet.n...@xxxxxxxxxx> wrote in message

[news:26363214-a7e3-4000-932a-e8219a2c7aec@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:26363214-a7e3-4000-932a-e8219a2c7aec@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx)

Greetings,

I want to maintain (stop/start) services on remote machine in orderly fashion. The requirement is that the next service should only be started/stopped when previous service has stopped/started completely. I am using Windows xp. I am able to come up with something like below:

```
REM ** To stop services on remote machine **
```

```
start /wait sc \\server_name stop service_name1  
start /wait sc \\server_name stop service_name2
```

```
REM ** To start services on remote machine **
```

```
start /wait sc \\server_name start service_name1  
start /wait sc \\server_name start service_name2
```

## Re: Batch script for maintaing remote services

Is it true that above command means that service\_name2 will only stop/start when the first service i.e service\_name1 gets stopped/started completely?

```
*** Probably, but if this is what you want then you should
*** drop the "start" command altogether:
*** sc \\Server_Name stop service_name1
```

Also, I have one more issue. Sometimes when the service is getting stopped, it goes into a "intermediate" state as STOPPING. In this case, I want to kill this service before sc command go on stopping next services.

```
*** In such cases you need a loop, e.g. like so:
***
*** sc \\Server_Name stop service_name1
*** :Loop1
*** ping localhost -n 10 > nul
*** sc \\Server_Name query service_name1 | find /i "stopped" || goto Loop1
***
*** You should also add a loop counter in order to deal
*** with cases where the service can't be stopped.
```

Can someone please help me here. I have searched enough and not able to come to any conclusion.

TIA– Hide quoted text –

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Thanks. But the requirement says that I have to stop certain services (stop next service only when previous service has completely stopped) and then start them in reverse order (again, the next service should be started only when previous services has started completely).

So based on your inputs I was able to modify the code as below

## Re: Batch script for maintaing remote services

```
REM ** stopping first service  
sc \\server_name stop service_name1
```

```
REM ** looping to make sure service got completely stopped **
```

```
:Loop1  
ping localhost -n 10 > nul  
sc \\server_name query service_name | find /i "stopped" || goto Loop1
```

Does the loop breaks when it finds "stopped" status for a particular service? if yes, this takes care of the requirement where I need to make sure that I will only proceed further when previous service in STOPPED status. But how will I kill this service if it gets stuck in STOPPING status? I mean in my case some services do get stuck in STOPPING status and we have to manually kill it right away. How can I check if the service got stuck in STOPPING status and how should I kill it?

Also, the above loop make sure that we proceed only when previous service has completely stopped. Correct me, but I thought even the following two commands also does the same job. I mean the following sc command (using wait) parameter, makes sure that next service is only started/stopped, when the current service has been completely started/stopped. Is it not the case? I mean what does wait parameter mean here?

```
start /wait sc \\server_name stop service_name1  
start /wait sc \\server_name stop service_name2
```

TIA

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