**How to create a service running a .bat file on Windows 2008 Server?**

**I've created the service using**

**sc create myService binpath=myservice.bat**

**But when I start it, it fails with the following error message:**

**[SC] StartService FAILED 1053:**

**The service did not respond to the start or control request in a timely fashion.**

**On Win2k3 I used the srvany.exe from the Resource kit, but there's no resource kit for win2k8. For the time being I've installed the srvany.exe on my machine, but I don't think that's the best way to do it.**

**Thanks!**

**You can run a batch file as a service? Wouldn't a scheduled task be better? I know if you use an actual Windows Service, the OnLoad event needs to return within a few seconds. – tsilb Aug 16 '09 at 8:29**

**Of course you can't run a service like that. Did you try using srvany in server 2008? As far as I know there is no 'official' version of srvany for s2k8, but you can always try, can you not?**

**EDIT: Oh, I forgot! We also use FireDaemon to run non-service applications as services. Though, it is not free and its functionality is a bit too much for your needs.**

**hmm.. this is weird. It just filtered right through my brain. Sorry. Either way, srvany seems like the best thing to do in this situation. – shylent Aug 16 '09 at 8:21**

**srvany works in 2008 (I use it to install and run Winamp.exe as a service on a home server)... but you can't run just a bat file. – Oskar Duveborn Aug 17 '09 at 7:33**

**Use NSSM to run a .BAT or any old .EXE file as a service. It is almost a replacement for SRVANY and is a no frill no fuss application.**

**http://iain.cx/src/nssm/**

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**I hadn't heard of this before, but it appears to be a valuable tool. Thanks for the tip. – Skyhawk Aug 24 '10 at 22:13**

**Thank you it worked for me. Though I am still looking for options to stop the service at a specified time. – Ankit Feb 3 '15 at 12:32**

**Can you provide some code? – Demodave Jan 10 at 22:14**

**We use Task Scheduler to run task whenever the computer starts (regardless a user is logged in or not)**

**to hide the window read this or this if you aren't happy running as system – JonnyRaa Feb 23 '15 at 9:38**

**You can't just run a .BAT file or any old .EXE file as a service. Windows services don't work that you. You can use a utility like the non-Sucking Service Manager (NSSM) or Microsoft's non-free SRVANY utility to run an arbitrary program as a service, but you may find that you don't get very "graceful" stopping behavior.**

**The SC command just adds the required registry entries for a service - if the file you specify isn't a valid service exe it won't turn it into one.**

**from: this post on technet forums: http://social.technet.microsoft.com/Forums/en-US/winserverMigration/thread/98a97aee-c62b-4683-94ab-3777899cf7de/**

**Here's what to do ...**

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**And that should do it.**

**Note : some applications store their settings in a user hive, not under HKEY\_LOCAL\_MACHINE, so you will need to run the application to configure it, and then configure the service to run as that user.**

**try this... it worked for me..**

**sc create ServiceTest binpath= "C:\Windows\System32\cmd.exe /C C:\ServiceTest\Jenkins-Slave.bat"**

**It did not work for me as well! Same error as OP - Did not start in timely fashion. – Ravindra HV Jan 17 '15 at 20:38**

**I stumbled upon this thing. Here is the tool called Bat\_To\_Exe\_Converter. It's very very easy to convert any .bat files to .exe files. Try it. Download downloader first and it will download the Bat\_To\_Exe\_Converter automatically then. It really helped me to create service which runs my .bat file through .exe. http://download.cnet.com/Bat-To-Exe-Converter/3001-2069\_4-10555897.html?spi=eae5ab48292cc101b5f0ec370cf99ad0**

**Welcome to Server Fault! Whilst this may theoretically answer the question, it would be preferable to include the essential parts of the answer here, and provide the link for reference. – Scott Pack Jul 8 '13 at 17:40**

**i used Windows schtasks.**

**you can refer to this. https://technet.microsoft.com/en-us/library/cc725744.aspx#BKMK\_hours**

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**You can have sc launch srvany which then points to your program. (there's a forum post that I can't link to because I don't have enough rep here though I do on StackOverflow - grumble)**

**Here are the steps that the original poster used:**

**Use sc to create a new service that launches srvany (e.g. sc create MyService binPath=C:\Windows\System32\srvany.exe DisplayName="My Custom Service")**

**Using RegEdit: create a Parameters key for your service (e.g. HKEY\_LOCAL\_MACHINE\SYSTEM\CurrentControlSet\Services\MyService\Parameters\)**

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**If that seems like a bit of a hack, then you can build a .NET service to launch your process. If you want to skip a few steps, here's an open source .NET service that can launch generic processes:**

**http://www.codeproject.com/KB/system/xyntservice.aspx**

**Tweak it to your needs but it'll do most of what you want out of the box.**

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Thanks!

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asked Aug 16 '09 at 6:53

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You can run a batch file as a service? Wouldn't a scheduled task be better? I know if you use an actual Windows Service, the OnLoad event needs to return within a few seconds. – [tsilb](https://serverfault.com/users/1294/tsilb" \o "604 reputation) [Aug 16 '09 at 8:29](https://serverfault.com/questions/54676/how-to-create-a-service-running-a-bat-file-on-windows-2008-server#comment43380_54676)

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9

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EDIT: Oh, I forgot! We also use FireDaemon to run non-service applications as services. Though, it is not free and its functionality is a bit too much for your needs.

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* Which is what I wrote I did. – [abyx](https://serverfault.com/users/16285/abyx" \o "373 reputation) [Aug 16 '09 at 7:51](https://serverfault.com/questions/54676/how-to-create-a-service-running-a-bat-file-on-windows-2008-server#comment43377_54681)
* hmm.. this is weird. It just filtered right through my brain. Sorry. Either way, srvany seems like the best thing to do in this situation. – [shylent](https://serverfault.com/users/2368/shylent" \o "774 reputation) [Aug 16 '09 at 8:21](https://serverfault.com/questions/54676/how-to-create-a-service-running-a-bat-file-on-windows-2008-server#comment43378_54681)
* srvany works in 2008 (I use it to install and run Winamp.exe as a service on a home server)... but you can't run just a bat file. – [Oskar Duveborn](https://serverfault.com/users/1463/oskar-duveborn) [Aug 17 '09 at 7:33](https://serverfault.com/questions/54676/how-to-create-a-service-running-a-bat-file-on-windows-2008-server#comment43561_54681)

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I had the same problem as you, and NSSM was the only utility that worked.

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I hadn't heard of this before, but it appears to be a valuable tool. Thanks for the tip. – [Skyhawk](https://serverfault.com/users/28400/skyhawk) [Aug 24 '10 at 22:13](https://serverfault.com/questions/54676/how-to-create-a-service-running-a-bat-file-on-windows-2008-server#comment151340_56472)

* Thank you it worked for me. Though I am still looking for options to stop the service at a specified time. – [Ankit](https://serverfault.com/users/162847/ankit" \o "101 reputation) [Feb 3 '15 at 12:32](https://serverfault.com/questions/54676/how-to-create-a-service-running-a-bat-file-on-windows-2008-server#comment811127_56472)
* Can you provide some code? – [Demodave](https://serverfault.com/users/310292/demodave" \o "101 reputation) [Jan 10 at 22:14](https://serverfault.com/questions/54676/how-to-create-a-service-running-a-bat-file-on-windows-2008-server#comment1298573_56472)

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We use **Task Scheduler** to run task whenever the computer starts (regardless a user is logged in or not)

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to hide the window [read this](http://stackoverflow.com/questions/6568736/how-do-i-set-a-windows-scheduled-task-to-run-in-the-background) or [this](http://serverfault.com/questions/9038/run-a-bat-file-in-a-scheduled-task-without-a-window) if you aren't happy running as system – [JonnyRaa](https://serverfault.com/users/205457/jonnyraa" \o "101 reputation) [Feb 23 '15 at 9:38](https://serverfault.com/questions/54676/how-to-create-a-service-running-a-bat-file-on-windows-2008-server#comment820055_376229)

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try this... it worked for me..

sc create ServiceTest binpath= "C:\Windows\System32\cmd.exe /C C:\ServiceTest\Jenkins-Slave.bat"

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It did not work for me as well! Same error as OP - Did not start in timely fashion. – [Ravindra HV](https://serverfault.com/users/265556/ravindra-hv" \o "101 reputation) [Jan 17 '15 at 20:38](https://serverfault.com/questions/54676/how-to-create-a-service-running-a-bat-file-on-windows-2008-server#comment804506_638224)

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Ditto - did not work. – [Spedge](https://serverfault.com/users/154/spedge) [Jun 1 '15 at 15:12](https://serverfault.com/questions/54676/how-to-create-a-service-running-a-bat-file-on-windows-2008-server#comment859158_638224)

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**1**

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