

# Re: Control the order of service startup

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<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.general/2007-09/msg00425.html>

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  - *Date:* Tue, 11 Sep 2007 20:57:15 +0000 (UTC)
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Hello pimy,

Check out this one:

<http://support.microsoft.com/kb/314357>

Best regards

Meinolf Weber

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Hi,

A couple of my servers are generating the following error intermittently:

Event Type: Error

Event Source: Service Control Manager

Event Category: None

Event ID: 7000

Date: 9/11/2007

Time: 3:02:55 AM

User: N/A

Computer: ServerA

Description:

The Blah1 service failed to start due to the following error:

The account name is invalid or does not exist, or the password is invalid

for the account name specified.

Event Type: Error

Event Source: Service Control Manager

Event Category: None

Event ID: 7000

Date: 9/11/2007

Time: 3:02:55 AM

User: N/A

## Re: Control the order of service startup

Computer: ServerA

Description:

The Blah2 service failed to start due to the following error:

The account name is invalid or does not exist, or the password is invalid

for the account name specified.

Both Blah1 & Blah2 are custom services that use the same domain account. I know that the account name and password are valid. We reboot each of these servers nightly. The error has occurred 3 times in the past 2 weeks. I suspect that another service (a third-party service), let's call it Blah3, may be the culprit. I noticed that each time the error occurred, Blah3 had started before Blah1 or Blah2 reported being unable to start. Mind you, I am unable to know for certain that Blah1 & Blah2 started before Blah3 when the server did not generate an error because their startup time is not logged.

I've experimented a little with the HKLM\System\CurrentControlSet\Control\ServiceGroupOrder registry key on a different server. I've assigned 2 different third-party services (blah4 & blah5)

to 2 different service groups on a different server. Doing so seems to produce the behavior I want.

For example, I assign blah4 to the PCI Configuration service group, and blah5 to the MS Transactions

service group. After a reboot, I see that the blah4 started before blah5, which is what I expected

to happen. However, when I reverse the groupings, both services started at the same time. Mind you,

that may be because blah5 is a lightweight service and doesn't take very long to start.

Going back to Blah1, Blah2, and Blah3, is there an easier way to control the order in which the

services start? Any advice on the service groups I should be using? Any danger in creating new

custom service groups? Any way to put delays in between service groups?

Thanks,  
pimy

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