

Re: Error number: 0x800A0046 Windows 2000 SP4 Critical Update Issue

Source:

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windowsupdate/2005-08/msg00420.html>

- *From:* "Torgeir Bakken \(\MVP\)" <Torgeir.Bakken-spam@xxxxxxxxx>
 - *Date:* Tue, 02 Aug 2005 11:04:46 +0200
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Randy wrote:

Okay, here is what I did to resolve my issue in Windows 2000 SP4.

I visited this link:

<http://update.microsoft.com/windowsupdate/v6/showarticle.aspx?articleid=20>
that Torgeir Bakken supplied for me.

I originally said the following:

1. Doesn't have this setting in Windows 2000 SP4.
2. Running this command does nothing.
3. Doesn't apply to Windows 2000 SP4.

I typed the above answers from memory, so it was no wonder I was incorrect with my recollection from memory.

Here are the steps I performed with respects to the support link above.

1. The workstations already had 'Service and Administrator' were part of "Impersonate a client after authentication" security policy. So this one didn't work.
2. I downloaded the 'SC' security descriptor from the provided link by Torgeir Bakken. Once I copied the 'SC' application to the root of the c: and typed the long commands I was greeted with the following: SetServiceObjectSecurity SUCCESS.

I then attempted to try the Windows Update site again, no luck, still 'Error number: 0x800A0046'.

3. I went to the Local User Account settings and went to the 'Member Of' tab and noticed the account was a member of the following groups: Administrators, Backup Operators, Guests, Power Users, Replicator and Users. I removed everyone but

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'Administrators' from this Local User Account.

I then attempted to try the Windows Update site again, no luck, still 'Error number: 0x800A0046'.

So I decided to restart the workstation and voila Windows Update worked again and let me download the updates from the site and it also automatically downloaded critical updates.

I decided to go one step further to determine if step 2 or step 3 combined fixed the issue or if it was just step 2 or step 3 separately. I picked a couple of different workstations and upon testing step 2 by itself and the 'Error number: 0x800A0046' was still present. I restarted the workstation to see if the restart fixed step 2 and it didn't.

I then tested step 3 by itself and the 'Error number: 0x800A0046' was still present. I followed logic and restarted the workstation. The Windows Update worked again and let me download the updates from the site and it also automatically downloaded critical updates.

So, from my testing, I concluded that step 3 was the real solution by removing all the groups but 'Administrator'. You can probably just remove 'Guests' and 'Users' and get the same result.

I will be venturing ahead and performing just step 3 to fix the issue I am experiencing with 'Error number: 0x800A0046' on Windows 2000 SP4.

Hi,

Glad you got it fixed :-)

The reason for that it didn't start to work before you did a reboot is that changes in group membership isn't "seen" by the system before you do a new logon.

So the article is really missing one step in the procedure, it should have stated that after doing any changes to group memberships, you would need to log off and on again (a reboot isn't really necessary, but it will do the job of course).

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torgeir, Microsoft MVP Scripting and WMI, Porsgrunn Norway
Administration scripting examples and an ONLINE version of
the 1328 page Scripting Guide:

<http://www.microsoft.com/technet/scriptcenter/default.mspx>

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