

Re: Windows 2003 DC Demotion / Promotion

Source:

http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.active_directory/2006-08/msg02615

- *From:* "Jorge Silva" <jorgesilva_pt@xxxxxxxxxxx>
 - *Date:* Wed, 23 Aug 2006 18:00:46 +0100
-

Windows Server 2003 SP1 introduces rights that give an administrator independent control over local and remote permissions for starting COM servers, activating COM server settings, and accessing COM servers.

Some people reset to the default settings and the errors stop, you can try that if you want to:

Open the Component Services and change the COM Security by editing the default permissions.

In some cases the service account don't have the remote access checkbox checked and is needed. If that is the case give the service account remote access permissions to the COM Applications and rebooted the DC.

Description of the changes to DCOM security settings after you install Windows Server 2003 Service Pack 1

<http://support.microsoft.com/default.aspx?scid=kb:EN-US:903220>

Some firewalls may reject network traffic that originates from Windows Server 2003 Service Pack 1-based computers

<http://support.microsoft.com/default.aspx?scid=kb:EN-US:899148>

Availability of Windows Server 2003 Post-Service Pack 1 COM+ 1.5 Hotfix Rollup Package 6

<http://support.microsoft.com/kb/897667/en-us>

—
I hope that the information above helps you

Good Luck
Jorge Silva
MCSA
Systems Administrator

<joshelson@xxxxxxxxxxx> wrote in message
news:1156350231.468748.166430@xx

Jorge,

Thanks for the quick response and the information. I am having COM+ issues on the DC, and none of the conventional resolutions I'm aware of has resolved the issue.

Re: Windows 2003 DC Demotion / Promotion

The primary symptom is a massive number (thousands a day) of COM+ event viewer messages that look like:

Event Type: Error
Event Source: COM
Event Category: None
Event ID: 10022
Date: 8/23/2006
Time: 11:16:33 AM
User: N/A
Computer: DC01

Description:

The machine–default access security descriptor for the COM Server application C:\WINNT\Explorer.EXE is invalid. It contains Access Control Entries with permissions that are invalid. The requested action was therefore not performed. This security permission can be corrected using the Component Services administrative tool.

For more information, see Help and Support Center at <http://go.microsoft.com/fwlink/events.asp>.

I should mention that this machine went down hard after a UPS failure during a power outage, so I'm a bit uncomfortable with the state of the machine (though it's still limping by without COM+ being functional).

There are a number of online resources that attempt to address this issue, but none seem to work (not even the COM+ rebuild procedure).

I don't really want to use the forcereoval options unless I have to, but wanted to prepare for the contingency.

Josh

Jorge Silva wrote:

Inline

Can I do this simply with Domain Administrator rights in the child domain, or does this require me to have Enterprise Administrator rights?

– Domain Admin rights.

Do rights required for the demotion portion change if I use the /forcereoval option?

Re: Windows 2003 DC Demotion / Promotion

-You need to logon the server to use the force removal switch, but careful, you'll manually have to remove the entries from AD. Can you explain us why are you asking this questions, or what type of issues are you having?

--

I hope that the information above helps you

Good Luck
Jorge Silva
MCSA
Systems Administrator

<joshelson@xxxxxxxx> wrote in message
news:1156348049.422721.284400@xx

Quick question (and one I probably should remember from the MCSE...).

I have a Windows 2000 mode forest / root, with a child domain running Windows 2003 native mode.

I have an ailing DC in this child domain, and I'd like to demote him, rebuild and then promote him.

Can I do this simply with Domain Administrator rights in the child domain, or does this require me to have Enterprise Administrator rights? Do rights required for the demotion portion change if I use the /forceremoval option?

Thanks!

Josh