

# Re: Print Groups

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*Source:*

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.clustering/2008-10/msg00052.html>

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- *From:* Steven <[Steven@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:Steven@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx)>
  - *Date:* Mon, 6 Oct 2008 13:13:07 -0700
- 

Alan,

The concept makes perfect sense but I'm getting errors. On my test environment I get 6 out of 6 replies indicating "succeeded" however after those 6 successful replies I get pSecurityDescriptor not recognized, "C" is not recognized, IO is not recognized and DWO is not recognized. So I have to believe I am missing something in the syntax. Can you offer any advise??

Note: Permissions did not change even though indicated succeeded.

—  
Steve

"Alan Morris [MSFT]" wrote:

Your descriptor will differ, do not cut and paste this data for your use. Setup a printer with the security setting you desire.

This example takes the modified security descriptor from a printer shared from the server, displays current security, then sets the security on a printer shared from a clustered spooler.

```
G:>setprinter -show \\standalonemachine\standalone 3
```

```
pSecurityDescriptor="O:BAG:DUD:(A;OIIO;RPWPSDRCWDWO;;;BA)(A;;LCSWSDRCWDWO;;;BA)(A;;RCWDWO;;;CO)(A;OIIO;RPWPSDRCWDWO;;;PU)(A;;LCSWSDRCWDWO;;;PU)(A;;SWRC;;;PO)"
```

current security from cluster shared printer

```
G:>setprinter -show \\cluster\sharedfromcluster 3
```

```
pSecurityDescriptor="O:BAG:DUD:(A;OIIO;RPWPSDRCWDWO;;;BA)(A;;LCSWSDRCWDWO;;;BA)(A;;RCWDWO;;;CO)(A;OIIO;RPWPSDRCWDWO;;;PU)(A;;LCSWSDRCWDWO;;;PU)"
```

setting the new security descriptor

```
G:>setprinter \\cluster\sharedfromcluster 3
```

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pSecurityDescriptor="O:BAG:DUD:(A;OIIO;RPWPSDRCWDWO;;;BA)(A;;LCSWSDRCWDW  
O;;;BA)(A;;SWRC;;;AU)(A;CIIO;RC;;;CO)(A;OIIO;RPWPSDRCWDWO;;;CO)(A;OIIO;RPWPSDRCWDW  
"

Set printer on "\\cluster\sharedfromcluster' succeeded.

you can set all the printer on the cluster or remote machine

G:\>setprinter \\cluster 3

pSecurityDescriptor="O:BAG:DUD:(A;OIIO;RPWPSDRCWDWO;;;BA)(A;;LCSWSDRCWDW  
O;;;BA)(A;;SWRC;;;AU)(A;CIIO;RC;;;CO)(A;OIIO;RPWPSDRCWDWO;;;CO)(A;OIIO;RPWPSDRCWDW  
"

Printer (1 of 825): \\cluster\Xerox

Set printer on "\\cluster\Xerox' succeeded.

Printer (2 of 825): \\cluster\HP

Set printer on "\\cluster\HP' succeeded.

.....

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Alan Morris

Windows Printing Team

Search the Microsoft Knowledge Base here:

<http://support.microsoft.com/search/?adv=1>

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"Steven" <Steven@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message  
[news:958DC2C1-0B58-47B2-9AAF-8767E4DF38B1@xxxxxxxxxxxxxxxxxxxx](mailto:news:958DC2C1-0B58-47B2-9AAF-8767E4DF38B1@xxxxxxxxxxxxxxxxxxxx)

excellant, I love it, can you give me a better example so I don't mess  
things

up? One for test and then one for all printer objects on a server. Sorry  
to

ask but I don't have much time to dedicate to this, wish it was 2008  
server.

Note: this needs to be done on a cluster as well as a dozen or so  
standalone  
servers.

---

Steve

"Alan Morris [MSFT]" wrote:

use \\clusteredprintservername rather than "" to perform the  
operations  
remotely.

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Printrname == \\cluster\modifiedsecurityprinter

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Alan Morris

Windows Printing Team

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"Alan Morris [MSFT]" <alanmo@xxxxxxxxxxxxxxxxxxxx>

wrote in message

<news:OfgGLUyIJHA.3708@xxxxxxxxxxxxxxxxxxxx>

I have some good news and bad news

first the good news

setprinter.exe in the Windows resource kit to set all the printers on a machine with specific permissions. Change the settings on one printer, then view the settings, then change them for all the printers on the server.

setprinter -examples 3

Used to set print queue security. Note: Security settings can only be set as a whole. No support is provided for partial modifications.

To see current settings:  
SetPrinter -show PrinterName 3

To change security settings (see "Security Descriptor String Format" in MSDN or SDKdocs for details):  
\*\*\* WARNING: this could make the print queue inaccessible and require the use of a registry editor to fix \*\*\*

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```
SetPrinter PrinterName 3
"pSecurityDescriptor=O:BAG:DUD:(A;CIIO;RC;;;CO)(A;OIIO;GA;;;CO)(A;;SWRC
CSWSDRCWDWO;;;BA)(A;OICIIO;GA;;;BA)(A;;LCSWSDRCWDWO;;;PU)(A;OI
```

to change this for all printers on the server

```
SetPrinter "" 3
"pSecurityDescriptor=YOUR_SECURITY_DESCRIPTOR_FROM_BASE_CONFIG
```

now the bad news  
the setting will need to be updated for each  
new printer

but I have some good news  
Server 2008 + supports changing the default  
printer security

--  
Alan Morris  
Windows Printing Team  
Search the Microsoft Knowledge Base here:  
<http://support.microsoft.com/search/?adv=1>

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"Steven"  
<Steven@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>  
wrote in message  
[news:4F7DEA2E-BB82-4C02-985A-4DD9FF068A31@xxxxxxxxxxxxxxxxxxxx](mailto:news:4F7DEA2E-BB82-4C02-985A-4DD9FF068A31@xxxxxxxxxxxxxxxxxxxx)

I was told in general  
questions to post this  
question here:

I have an existing print  
cluster with hundreds of  
printers on a  
Win2003R2, I  
need to create a new group  
(or edit Power Users group)  
and give them  
Manage  
Documents ONLY, the 4  
default groups do not give

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me what I need. How  
can  
I do  
this without touching each  
and every print object as  
well as make it  
the  
default for new printer  
objects?

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Steve

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Steve