

# Re: Can't Run Defrag – Even with 'Perform Volume Maintenance' Set

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*Source:*

[http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.group\\_policy/2006-05/msg00366.html](http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.group_policy/2006-05/msg00366.html)

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- *From:* [v-xuwen@xxxxxxxxxxxxxxxxxxxx](mailto:v-xuwen@xxxxxxxxxxxxxxxxxxxx) (Vincent Xu [MSFT])
  - *Date:* Tue, 23 May 2006 03:01:58 GMT
- 

Hi Ben,

Thanks for your reply.

As you said " Maybe create a local admin user, that has limited rights, then give our users the password, and tell them to use the 'Runas' command?" Yes , that's Microsoft recommended work around. You can have a try.

Best regards,

Vincent Xu  
Microsoft Online Partner Support

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-----  
Reply-To: <[benblackmore@xxxxxxxxxxxxxxxxxxxx](mailto:benblackmore@xxxxxxxxxxxxxxxxxxxx)>  
From: <[benblackmore@xxxxxxxxxxxxxxxxxxxx](mailto:benblackmore@xxxxxxxxxxxxxxxxxxxx)>  
References: <[eIaF7SPdGHA.4892@xxxxxxxxxxxxxxxxxxxx](mailto:eIaF7SPdGHA.4892@xxxxxxxxxxxxxxxxxxxx)>

<[L6udnfPLJc5NEf7ZRVn-vA@xxxxxxxxxxxx](mailto:L6udnfPLJc5NEf7ZRVn-vA@xxxxxxxxxxxx)>  
<[OzsqPRCeGHA.2068@xxxxxxxxxxxxxxxxxxxx](mailto:OzsqPRCeGHA.2068@xxxxxxxxxxxxxxxxxxxx)>  
<[ziXYXsleGHA.220@xxxxxxxxxxxxxxxxxxxx](mailto:ziXYXsleGHA.220@xxxxxxxxxxxxxxxxxxxx)>  
<[OG4xFQpeGHA.536@xxxxxxxxxxxxxxxxxxxx](mailto:OG4xFQpeGHA.536@xxxxxxxxxxxxxxxxxxxx)>  
<[J7IOP2xeGHA.5432@xxxxxxxxxxxxxxxxxxxx](mailto:J7IOP2xeGHA.5432@xxxxxxxxxxxxxxxxxxxx)>

Re: Can't Run Defrag – Even with 'Perform Volume Maintenance' Set

Subject: Re: Can't Run Defrag – Even with 'Perform Volume Maintenance' Set

Date: Sat, 20 May 2006 22:49:47 +0100

Lines: 291

X-Priority: 3

X-MSMail-Priority: Normal

X-Newsreader: Microsoft Outlook Express 6.00.2900.2869

X-MimeOLE: Produced By Microsoft MimeOLE V6.00.2900.2869

X-RFC2646: Format=Flowed; Original

Message-ID: <uplqUdFfGHA.3888@xxxxxxxxxxxxxxxxxxxxxxxx>

Newsgroups: microsoft.public.windows.group\_policy

NNTP-Posting-Host: cpc2-swin6-0-0-cust778.brhm.cable.ntl.com

82.12.199.11

Path:

TK2MSFTNGXA01.phx.gbl!TK2MSFTNGP01.phx.gbl!TK2MSFTNGP04.phx.gbl

Xref: TK2MSFTNGXA01.phx.gbl

microsoft.public.windows.group\_policy:20776

X-Tomcat-NG: microsoft.public.windows.group\_policy

Hi Vincent,

Thank you for looking into this for me. It is much appreciated.

I guess I will have to find another way to run Defrag. Maybe create a

local

admin user, that has limited rights, then give our users the password,

and

tell them to use the 'Runas' command? I've explained to them that they probably spend more time defragging once a month, than they save doing

it,

(although one user does payroll, and at the end of each month she can

leave

her PC for a few hours and do paper work, so she's happy to let it

defrag),

having said that my manager did a defrag last week, and it halved his outlook loading time, so I guess it does help in some cases.

Many thanks

Ben

Re: Can't Run Defrag – Even with 'Perform Volume Maintenance' Set

"Vincent Xu [MSFT]" <v-xuwen@xxxxxxxxxxxxxxxxxxxxxx> wrote in message  
news:J7IOP2xeGHA.5432@xxxxxxxxxxxxxxxxxxxxxxxxxxxx

Hi Ben,

I performed some deep research in our internal resource.

However, unfortunately in windows xp, we cannot give non-administrators the rights to run disk defragmentation via the "perform volume maintenance tasks" user right. In another word, in windows 2000 and windows xp, only administrator can run disk defragment. It is because Disk Defragmenter

was

designed primarily for stand-alone workstations or servers whose users have the ability to log on locally with administrator privileges. Disk Defragmenter is not intended to be a tool for administrators to maintain networked workstations.

Sorry for any inconvenience. However, it is by design. I saw the article you mentioned but it appears to be a little inaccurate.

Best regards,

Vincent Xu  
Microsoft Online Partner Support

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Re: Can't Run Defrag – Even with 'Perform Volume Maintenance' Set

rights.

=====

-----

Reply-To:  
<benblackmore@xxxxxxxxxxxxxxxxxxxx>  
From:  
<benblackmore@xxxxxxxxxxxxxxxxxxxx>  
References:  
<eIaF7SPdGHA.4892@xxxxxxxxxxxxxxxxxxxx>

<L6udnfPLJc5NEf7ZRVn-vA@xxxxxxxxxxxx>  
<OzsqrPRCeGHA.2068@xxxxxxxxxxxxxxxxxxxx>  
<ziXYXsleGHA.220@xxxxxxxxxxxxxxxxxxxx>

Subject: Re: Can't Run  
Defrag – Even with  
'Perform Volume  
Maintenance'  
Set  
Date: Thu, 18 May 2006  
16:59:17 +0100  
Lines: 185  
X-Priority: 3  
X-MSMail-Priority:  
Normal  
X-Newsreader: Microsoft  
Outlook Express  
6.00.2900.2869  
X-RFC2646:  
Format=Flowed; Original  
X-MimeOLE: Produced By  
Microsoft MimeOLE  
V6.00.2900.2869  
Message-ID:  
<OG4xFQpeGHA.536@xxxxxxxxxxxxxxxxxxxx>  
Newsgroups:  
microsoft.public.windows.group\_policy  
NNTP-Posting-Host:  
host217-37-28-250.in-addr.btopenworld.com  
217.37.28.250  
Path:  
TK2MSFTNGXA01.phx.gbl!TK2MSFTNGP01.phx.gbl!TK2MSFTNGP02.p  
Xref:  
TK2MSFTNGXA01.phx.gbl  
microsoft.public.windows.group\_policy:20721  
X-Tomcat-NG:

Re: Can't Run Defrag – Even with 'Perform Volume Maintenance' Set

Re: Can't Run Defrag – Even with 'Perform Volume Maintenance' Set

microsoft.public.windows.group\_policy

Hi Vincent,

Still no further.

User who can't run defrag  
has these privileges (shown  
by whoami /all)

(O)

SeManageVolumePrivilege  
= Perform volume  
maintenance tasks

(X)

SeChangeNotifyPrivilege =  
Bypass traverse checking

(O) SeSystemtimePrivilege  
= Change the system time

(O) SeShutdownPrivilege =  
Shut down the system

(O)

SeProfileSingleProcessPrivilege  
= Profile single process

(X) SeUndockPrivilege =  
Remove computer from  
docking station

(X)

SeCreateGlobalPrivilege =  
Create global objects

User who can run defrag has  
these

(O)

SeManageVolumePrivilege  
= Perform volume  
maintenance tasks

(X)

SeChangeNotifyPrivilege =  
Bypass traverse checking

(O) SeShutdownPrivilege =  
Shut down the system

(X) SeUndockPrivilege =  
Remove computer from  
docking station

(O) SeSecurityPrivilege =  
Manage auditing and  
security log

(O) SeBackupPrivilege =  
Back up files and directories

Re: Can't Run Defrag – Even with 'Perform Volume Maintenance' Set

(O) SeRestorePrivilege =  
Restore files and directories  
(O) SeSystemtimePrivilege  
= Change the system time  
(O)  
SeRemoteShutdownPrivilege  
= Force shutdown from a  
remote

system

(O)  
SeTakeOwnershipPrivilege  
= Take ownership of files or  
other  
objects  
(O) SeDebugPrivilege =  
Debug programs  
(O)  
SeSystemEnvironmentPrivilege  
= Modify firmware  
environment

values

(O)  
SeSystemProfilePrivilege =  
Profile system performance  
(O)  
SeProfileSingleProcessPrivilege  
= Profile single process  
(O)  
SeIncreaseBasePriorityPrivilege  
= Increase scheduling  
priority  
(X) SeLoadDriverPrivilege  
= Load and unload device  
drivers  
(O)  
SeCreatePagefilePrivilege =  
Create a pagefile  
(O)  
SeIncreaseQuotaPrivilege =  
Adjust memory quotas for a

process

(X)  
SeCreateGlobalPrivilege =  
Create global objects  
(X) SeImpersonatePrivilege

Re: Can't Run Defrag – Even with 'Perform Volume Maintenance' Set

= Impersonate a client after authentication

Both have '(O)  
SeManageVolumePrivilege  
= Perform volume maintenance

tasks'

set the same, both are members of the same groups. Can't see why it

works

for one, and not the other.

Ben

"Vincent Xu [MSFT]"

<v-xuwen@xxxxxxxxxxxxxxxxxxxxxx>

wrote in message

[news:ziXYXsleGHA.220@xxxxxxxxxxxxxxxxxxxxxx](mailto:news:ziXYXsleGHA.220@xxxxxxxxxxxxxxxxxxxxxx)

Hi Ben,

Just wondering how is everything going.

Regarding SP3, so far I have no idea. Microsoft will publish the

news

if SP2 will be released.

Have a good day.

Re: Can't Run Defrag – Even with 'Perform Volume Maintenance' Set

Re: Can't Run Defrag – Even with 'Perform Volume Maintenance' Set

Best  
regards,

Vincent Xu  
Microsoft  
Online  
Partner  
Support

---

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Reply-To:  
<benblackmore@xxxxxxxxxxxxxxxxxx>  
From:  
<benblackmore@xxxxxxxxxxxxxxxxxx>

Re: Can't Run Defrag – Even with 'Perform Volume Maintenance' Set

Re: Can't Run Defrag – Even with 'Perform Volume Maintenance' Set

References:

<eIaF7SPdGHA.4892@xxxxxxxxxxxxxxxxxxxxxxxx>

<L6udnfPLJc5NEf7ZRvN-vA@xxxxxxxxxxxx>

Subject:

Re:

Can't

Run

Defrag

–

Even

with

'Perform

Volume

Maintenance'

Set

Date:

Mon,

15

May

2006

14:34:34

+0100

Lines:

69

X-Priority:

3

X-MSMail-Priority:

Normal

X-Newsreader:

Microsoft

Outlook

Express

6.00.2900.2869

X-MimeOLE:

Produced

By

Microsoft

MimeOLE

V6.00.2900.2869

X-RFC2646:

Format=Flowed;

Response

Message-ID:

<OzsqPRCeGHA.2068@xxxxxxxxxxxxxxxxxxxxxxxx>

Newsgroups:

Re: Can't Run Defrag – Even with 'Perform Volume Maintenance' Set

microsoft.public.windows.group\_policy,microsoft.public.windowsxp.security\_ad

min

NNTP-Posting-Host:  
host217-37-28-250.in-addr.btopenworld.com  
217.37.28.250  
Path:

TK2MSFTNGXA01.phx.gbl!TK2MSFTNGP01.phx.gbl!TK2MSFTNGP02.phx.gbl

Xref:  
TK2MSFTNGXA01.phx.gbl

microsoft.public.windowsxp.security\_admin:184405  
microsoft.public.windows.group\_policy:20645

X-Tomcat-NG:  
microsoft.public.windows.group\_policy

Hi  
Steve,

Thanks  
for  
the  
information.  
I  
will  
give  
it  
a  
try  
and  
let  
you  
know.

Bit  
of  
a  
pain  
that  
this  
doesn't  
work  
as  
expected,  
I

Re: Can't Run Defrag – Even with 'Perform Volume Maintenance' Set

10

Re: Can't Run Defrag – Even with 'Perform Volume Maintenance' Set

wonder  
if  
MS

will

fix

it

in  
SP3!?

Interestingly,  
another  
user,  
who  
is  
not  
local  
admin,  
WAS  
able  
to

run a

defrag  
over  
the  
weekend,  
so  
it  
seems  
this  
policy  
setting  
works

sometimes,

but  
not  
all  
the  
time!

Ben

"Steven  
L

Re: Can't Run Defrag – Even with 'Perform Volume Maintenance' Set

Re: Can't Run Defrag – Even with 'Perform Volume Maintenance' Set

Umbach"

<n9rou@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>

wrote

in

message

[news:L6udnfPLJc5NEf7ZRVn-vA@xxxxxxxxxxxxxxxx](mailto:news:L6udnfPLJc5NEf7ZRVn-vA@xxxxxxxxxxxxxxxx)

Apparently  
that  
user  
right  
does  
not  
work  
as  
expected  
as  
I  
have

seen

the

same.  
What  
you  
could  
try  
is  
to  
use  
the  
command  
line  
tool  
defrag  
to

run

in

schedule  
using  
the  
AT  
command  
of

Re: Can't Run Defrag – Even with 'Perform Volume Maintenance' Set

Scheduled  
Task.  
For  
instance  
try

the

```
command  
[  
AT  
22:00  
/interactive  
defrag  
c:  
-v  
]  
on  
a  
users  
computer
```

while

logged  
on  
as  
an  
administrator  
and  
use  
a  
time  
that  
is  
in  
the  
future

while

the  
user  
is  
logged  
on  
to  
see  
if  
it  
works

Re: Can't Run Defrag – Even with 'Perform Volume Maintenance' Set

or  
not.  
You  
can  
also  
use

schtasks

to  
do  
Scheduled  
Tasks  
on  
a  
computer  
and  
make  
it  
part  
of  
a  
Group

Policy

"startup"  
script  
if  
you  
have  
a  
large  
number  
of  
computers  
you  
want

to

deploy  
it  
on.  
For  
defrag  
you  
might  
want  
to  
try

Re: Can't Run Defrag – Even with 'Perform Volume Maintenance' Set

that  
and  
use  
the

system

account  
to  
run  
the  
task.  
---  
Steve

[http://www.microsoft.com/resources/documentation/windows/xp/all/proddocs/en-](http://www.microsoft.com/resources/documentation/windows/xp/all/proddocs/en-us/schtasks.mspx?mfr=true)

[us/schtasks.mspx?mfr=true](http://www.microsoft.com/resources/documentation/windows/xp/all/proddocs/en-us/schtasks.mspx?mfr=true)

---  
schtasks  
<http://support.microsoft.com/default.aspx?sci>

---

AT

command  
use

<benblackmore@xxxxxxxxxxxxxxxx>  
wrote  
in  
message  
<news:elaF7SPdGHA.4892@xxxxxxxxxxxxxxxx>

Hi,

A  
while  
ago  
we  
removed  
our  
users

Re: Can't Run Defrag – Even with 'Perform Volume Maintenance' Set

from  
the  
local  
admins  
group,

leaving

them  
just  
as  
normal  
users,  
as  
they  
were  
installing  
non-corporate  
software.  
We  
found  
out  
after  
that  
some  
of  
the  
users  
like  
to  
run

Defrag

on

a  
monthly  
basis,  
which  
became  
restricted  
when  
they  
were  
removed  
from

the

Re: Can't Run Defrag – Even with 'Perform Volume Maintenance' Set

admins  
group.

As  
we  
have  
no  
problem  
with  
this  
we  
edited  
the  
group  
policy  
under  
"Computer  
Configuration\Windows  
Settings\Security  
Settings\Local  
Policies\User  
Rights  
Assignments"  
to  
give  
'Domain  
Users'  
the

'Perform

volume  
maintenance  
tasks'  
right,  
which  
according  
to  
<http://tinyurl.com/ks6s8>  
"Determines  
which  
users  
and  
groups  
have  
the  
authority  
to  
run  
volume  
maintenance

tasks,  
such  
as  
Disk  
Cleanup

and

Disk

Defragmenter".

However,  
after  
a  
number  
of  
reboots,  
and  
forced  
GP  
refreshes,  
the

users

still  
can't  
perform  
a  
defrag.  
I  
have  
run  
RSoP  
and  
it  
shows  
that

the

policy  
is  
applied,  
and  
the  
users  
should  
be  
able

Re: Can't Run Defrag – Even with 'Perform Volume Maintenance' Set

to  
perform  
volume  
maintenance.  
Is  
there  
a  
bug  
in  
Defrag  
or  
the  
Policy,  
that  
is  
stopping  
it  
being  
applied?  
Or  
am  
I  
adding  
the  
wrong  
user  
group?  
I've  
tried

'Authenticated

Users',  
specific  
security  
groups,  
such  
as  
Sales,  
Accounts  
etc  
and

even

individual  
users,  
nothing  
works.

We're

Re: Can't Run Defrag – Even with 'Perform Volume Maintenance' Set

running  
Windows  
XP  
Pro  
SP2,  
in  
a  
Windows  
2003  
native  
domain  
environment.

Any  
advice,  
greatly  
received

Ben