

Re: Sharing folders in Windows CE 5.0

Source:

<http://www.tech-archive.net/Archive/WindowsCE/microsoft.public.windowsce.embedded/2007-03/msg00143.html>

- *From:* Don <Don@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Tue, 13 Mar 2007 13:36:05 -0700
-

Hi Alexander,

I have now recreated the problem in Windows CE 6.0. How do I fix it?

"Alexander T. Bussmann [MSFT]" wrote:

Hi Don,

I have verified some things with respect to UseAuthentication=0 in CE 5.0. Unfortunately this does not work and it is known broken in CE 5.0. We did make the fix for CE 6.0. There are no updates for this issue in CE 5.0.

What errors are you seeing from the Remote Admin component?

Sorry for the inconvenience,
Alexander T. Bussmann [MSFT]

"Don" <Don@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message
<news:6CDCBF72-3197-4782-9DB5-3C21336948D0@xxxxxxxxxxxxxxxxxxxx>

Hi Alexander,

Thanks for your help.
I went through the process of creating the file server and still I believe the registry key

```
[KEY_LOCAL_MACHINE\Services\SMBServer\Shares]
"UseAuthentication"=dword:0
```

Is not working.

I then went back to the documentation concerning this as a known issue that has been resolved.
Apparently the issues has been solved in the april update for Platform Builder. Since in this documentation it suggests that the update will not work unless all previous Platform Builder updates have been installed.

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This got me thinking that I have been making a mistake by not installing all the updates for Platform Builder 5.0. The other thing is I had all ready installed the april update before reading it carfully. I am not sure if you can install updates out of order? So intalled the updates that come as one file for 2005. Then I installed the updates from 2006. I checked the clean before building option in Platform Builder and rebuild the image. I still had to use the remotedadmin utility to set permissions in order to map it on my XP machine but to my suprise the other thing which I had been working on which is the mounting of the OS onto the compact flash started working. I thought to my self, updates are good! I then downloaded the January update for this year rebuilt the OS and now the RemoteAdmin utility gives me errors when I try to open it on my XP machine. Does anyone have any ideas about why?

(A) the registry key
[KEY_LOCAL_MACHINE\Services\SMBServer\Shares]
"UseAuthentication"=dword:0
is not working

(B) the ability to run RemoteAdmin has stopped. I believe due to the January update for Platfrom Builder

--
Don

"Alexander T. Bussmann [MSFT]" wrote:

Hi Don,

You can do this by creating the necessary registry settings and adding them to your project.reg file before you create your image.

Here are the links:

<http://msdn2.microsoft.com/en-us/library/aa450272.aspx>
<http://msdn2.microsoft.com/en-us/library/aa451153.aspx>
<http://msdn2.microsoft.com/en-us/library/ms899610.aspx>
<http://msdn2.microsoft.com/en-us/library/ms899601.aspx>

Reading the full-thread it seems that you were having problems with this.

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Please let me know if you are unable to configure server still with this information and where you are getting stuck.

Also, what file sharing scenario are you trying to get working? CE to CE,
XP to CE?

Thanks,
Alexander T. Bussmann [MSFT]

"Don" <Don@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message
news:9611CC8F-CE64-4666-8F0A-0444FF19CA5D@xxxxxxxxxxxxxxxxxxxxx

Hi Ryan.

I was wondering if you have made any progress on this issue. This issue has now become my top priority. I would really appreciate any help you can give.

--
Don

"Ryan Ward (MSFT)" wrote:

Don,

I am unable to provide an answer for you regarding your query. I'll continue to look into it and try to find a solution.

For now, I would suggest you set your file server up using the RemoteAdmin utility. Make sure your device is set to load an existing image (as oppose to downloading a new

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image every time) and not clearing the registry hive when reset. This will ensure the changes you make to your image remain intact. These should be options in your devices bootloader or if you are always connected to Platform Builder change the following Core Service Settings in the Connectivity Options: Under "Download Image" to "Never (jump to image only)" and under "KITL Settings", uncheck "Clear memory on reset"

Ryan

--

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"Don"

<Don@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>

wrote in message

<news:C33CEB11-693C-4800-96F5-3115D1808199@xxxxxxxxxxxxxxxxxxxx>

Hi Ryan

Now that I am sharing files successfully. Is there away to set up the

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file
sharing so
that I don't
have to use
RemoteAdmin
everytime I
boot my
device
in
order to
share
a directory.
Ideally I
would like
to share a
folder that
any user
can
access
regardless
of there user
or password
without
using
RemoteAdmin.
In
other words
is there a
way to set
up the
registry
with the
changes
that
the
RemoteAdmin
tool is
making. In
the
RemoteAdmin
tool I notice
that
users
come up
with
permissions
denied and
you have to
change it to
allow.
Is

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there
a way for
Windows
CE to just
keep these
settings
after a
reboot.

--
Don

"Ryan Ward
(MSFT)"
wrote:

Hi
Don,

May
I
ask
what
OS
Design
template
you
used?
If
it
was
one
with
an
UI
and
Internet
Explorer
(e.g.
Enterprise
Web
Pad)
then
you
could
remotely
administer
the
SMB
File

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Server settings.
To do this you will need to add SYSGEN_SMB_UI and rebuild your image.

1.)
Boot the image, browse to http://%device_ip_addr%/RemoteAdmin where %device_ip_addr% is the WinCE ip addr you pinged (alternatively, you could put the DeviceName instead of the IP Addr).
2.)
Enter a password for the administrator, [Apply].

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The
service
will
restart
itself.
3.)
Login
using
'admin'
and
the
password
from
step
2.
4.)
You
may
need
to
update
the
image
name,
[Apply]
5.)
Edit
the
publicly
facing
adapter
with
"Add/Del
Network
Adapter"
6.)
Edit
user
accounts
with
"Add/Del
Users"
(I
created
a
tempuser
here)
7.)
Edit
your
file

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share
with
"Add/Del
Shares"
(I
created
a
share
called
Public
that
pointed
to
my
\Temp)

Note:
You
will
need
to
Allow
user
accounts
access
to
the
shares
(by
default
they
will
be
denied).
I
added
my
tempuser
account
from
step
6
here.

Then
from
my
XP
box:
net
use

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```
*  
\\MyDeviceName\Public  
/u:tempuer  
%pwd%
```

You
can
set
a
Network
ID
that
you
CE
image
can
use
to
access
other
resources
by
going
to
the
Owner
applet
in
the
Control
Panel,
then
selecting
the
Network
ID
tab.

One
other
thing,
did
you
include
SYSGEN_REDIR
in
your
image?

Ryan

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"Don"
<Don@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>
wrote
in
message
<news:DC6B5D4E-F300-4019-9300-79D0E84C976B@xxx>

Hi
Ryan

The
documentation
you
pointed
me
to
says

AdapterList
:
REG_SZ
Provides

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a
list
of
network
adapters
separated
with
a
semicolon.

You
can
also
use
the
"*"

option
to
specify
any
adapters
that
are
present
on
the
operating
system.

If
you
set
this
registry
key
to
"localhost",
the
file
server
will
listen
on
loopback.

I
have
used
the
*
like
the
instruction

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say.

One
more
thing
in
my
CE
image
I
don't
notice
anywhere
that
you
can
set
a
workgroup
or
enable
file
and
printer
sharing
like
you
can
on
xp.
I
would
appreciate
any
help
you
can
give

Thanks

--

Don

"Ryan
Ward
(MSFT)"
wrote:

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Don,

I
think
you
might
need
to
set
another
registry
key
for
which
adapter
the
SMB
Server
uses
publically.
e.g.
AdapterList

Check
out
<http://msdn2.microsoft.com/en-us/library/ms>
for
more
information
on
that
key
and
its
value.

Let
me
know
if
you
need
any
more
help.

Ryan

--

This

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"Don"

<Don@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>

wrote

in

message

<news:E0F0936D-D7C0-4DDA-B168-F7E9>

Hi
Ryan

Thanks
for
your
help.
My
problem
was
that
I
was
not
modifying
the
project.reg
file

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through
platform
builder.
The
next
problem
that
pops
up
when
I
try
to
share
files
is
when
I
execute
the
command
net
use
z:
\\Wince\hdd
It
returns

System
error
53
has
occurred.