

# Re: My Documents Redirection with Laptop using WiFi

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*Source:*

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.sbs/2006-08/msg03180.html>

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- *From:* "Dave Nickason [SBS MVP]" <[gwdibble@xxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:gwdibble@xxxxxxxxxxxxxxxxxxxxxxxxxxxx)>
  - *Date:* Tue, 15 Aug 2006 17:58:32 -0400
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I might have dreamed that auto-enrollment success message. I'm not seeing it on my desktop PC, but I connect to the wireless network normally. So don't look for auto-enrollment success, only failure.

If you're worried about security, you need to do it Owen's way whether you get the laptops to perform without it or not. Unfortunately, your other options are WEP (the wi-fi alliance does not even include WEP on their security page) or WPA with pre-shared key. WPA with pre-shared key is a lot better than nothing, but the key is available to anyone with access to the network. With the certificate method, not only can you revoke the certificate if someone quits or a laptop is stolen, but also, it's two way authentication. So if someone puts a rogue access point in range of one of your laptops, the laptop won't authenticate to it.

I don't claim to be a security expert, but I did a mountain of research before allowing wireless in my office, and IMO WPA with RADIUS (IAS) is the only method that's secure enough for me to trust.

"Chester" <[chester.hull@xxxxxxxx](mailto:chester.hull@xxxxxxxx)> wrote in message  
<news:1155675585.455805.107950@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>

Dave, thanks. The laptop was plugged directly in with a wire, then shut down, rebooted, and I ran `gpubdate /force` from a command prompt. I never got the auto-enrollment message, so maybe something was wrong with my GPO.

I also see Chris's message below, and I will look into that. I'm running an Intel Core Duo chip, with built-in WiFi, so maybe there is a utility for that.

Thanks!

Chester

Dave Nickason [SBS MVP] wrote:

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One hint is that the laptops need to be connected to the wired network when you install the certificate. You'll get an auto-enrollment message when the GPO installs the certificate, so watch for that as an indication that the laptop has the necessary group policies (including auto-enrollment).

Owen wrote that doc with great attention to detail, so the closer you follow it, the less likely you are to have issues. If you do run into anything while configuring it, feel free to post back. I did the wireless configuration for security reasons, but I've been very happy with the results in performance and reliability as well. It's well worth doing.

"Chester" <chester.hull@xxxxxxxx> wrote in message  
[news:1155611275.770763.298340@xx](mailto:news:1155611275.770763.298340@xx)

Dave Nickason [SBS MVP] wrote:

I'm not sure why the laptops wouldn't boot, but I suspect you may be on track with what you're thinking. I'd guess that something is trying to connect to a resource it's not authenticated for.

If you set up your wireless securely with certificates on the laptops, the computers will be able to authenticate to the network as soon as they get the wireless connection. In your current situation (I'm guessing), there's no authentication until the user logs in.

If you configure the wireless this way, you'll have a wireless experience that's very similar to wired (login scripts run, drives map, etc.). Here's how you do it, in a step-by-step article from SBS MVP Owen Williams.  
<http://home.comcast.net/~clearviewtc/>

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Dave, you're on the track that I'm thinking. And thanks for the link.  
My initial try at that configuration failed. Everything seemed to go ok, except the laptop got hung with about half of the GP on it. (incidentally, the Windows Mobile 2003 phones that sync to the server also stopped. Probably would have just had to install the Cert on them, or something). Anyway, after the initial foray into this, I ran out of time, and ended up undoing the GPO, Radius server settings, and rolling back. Going to have another shot at it soon.

But yes, the problem is, the Wifi doesn't connect until the user is logged in. Which means that no logon scripts will run. So I think you've got me on the right track here. Thanks! I'll keep at it!

Chester

"Chester" <chester.hull@xxxxxxxx> wrote  
in message  
[news:1155566608.868882.201320@xx](mailto:news:1155566608.868882.201320@xx)

Hello, We enabled My Documents redirection on the network, and the wired computers work fine with it, but the laptops connecting over WiFi fail to boot. They simply hang in the Applying Settings stage.

When we wire those same laptops into the network, they will boot fine, but then if we shut down, and try to reboot again on the wireless,

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we  
get the same problem.

I'm assuming this is because  
the WiFi connection is not  
connected  
yet  
in the boot process when the  
laptop is looking for the My  
Documents  
folder.  
How can we get around this,  
or how can we accomplish  
what we are  
trying  
to do?

The end goal is to have the  
two users in our office that  
use both a  
laptop and a desktop have  
their documents available on  
either  
computer.  
Should we use My  
Documents redirection,  
Roaming Profiles, or  
something  
else to accomplish this?  
Also, the laptops are used  
off the network, so they  
would need  
offline  
access to the files.

Thanks!

Chester