

Re: Wireless network w/ SBS

Source:

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.sbs/2006-11/msg00071.html>

- *From:* "Robert R Kircher, Jr." <rkircher@xxxxxxxxxxxxxxxxxxxx>
 - *Date:* Tue, 31 Oct 2006 14:55:34 -0500
-

Thanks Owen, that cleared up the issue and I have my first client connected.

So in review. To set up a client the first thing I need to do is join the PC to the domain via a wired connection, then setup the wireless connection, and then disconnect the wired connection to test proper wireless connectivity. Correct?

The brings me to my next question. Lets say I have a guest come with a laptop and wants simple access to the internet via the wireless connection. Is there a easy way to provide them access while still preventing others?

Rob

"A disturbing new study finds that studies are disturbing"

"Dave Nickason [SBS MVP]" <gwdibble@xxxxxxxxxxxxxxxxxxxx> wrote in message [news:%23JzWe4R\\$GHA.924@xxxxxxxxxxxxxxxxxxxx](news:%23JzWe4R$GHA.924@xxxxxxxxxxxxxxxxxxxx)

Make sure that in your WAP, you have Authentication set to port 1812 and Accounting set to 1813. Apparently this error is indicating that IAS received an Accounting packet on 1812.

"Robert R Kircher, Jr." <rkircher@xxxxxxxxxxxxxxxxxxxx> wrote in message [news:egJfFjR\\$GHA.1560@xxxxxxxxxxxxxxxxxxxx](news:egJfFjR$GHA.1560@xxxxxxxxxxxxxxxxxxxx)

Owen,

Thanks again for you help. The WAP arrived today and I believe I have it set up as per your instructions, however, I am receiving the following error in my server logs

Source IAS
Event ID: 16

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A RADIUS message with the Code field set to 4, which is not valid, was received on port 1812 from RADIUS client NameWAP1. Valid values of the RADIUS Code field are documented in RFC 2865.

Any ideas?

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Rob

"A disturbing new study finds that studies are disturbing"

"Owen Williams [SBS MVP]" <Owen@xxxxxxxxxxxxxxxxxxxx> wrote in message

news:MPG.1fb14240809811619896cc@xxxxxxxxxxxxxxxxxxxx

In article

<OCCdKfJ\$GHA.2300@xxxxxxxxxxxxxxxxxxxx>,

rkircher@xxxxxxxxxxxxxxxxxxxx

says...

A revised doc? Now you tell me after I spent my afternoon going over your current doc and configuring my server. ;-)

Not to worry – the updates are minor for your situation.

I have a AP due tomorrow that should work and if I can get it to work I'm just going to go that way.

Good choice – I think you will be pleased with the result.

BUT, I am now confused. Using my current equipment and WPA PSK I can't get my wireless card to acquire an IP address until after the user is logged on. I assume that the key is stored within the users profile and isn't passed to the AP until after the user logs in. But if I read you post correctly

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you
are saying that I should be able to set it up so
the key is passed
before
the user logs on and therefore acquire an IP
and gain access to pre
logged
in things like GP?

What am I missing.

OK, even though you expect to go the RADIUS route, let's
pursue this a
bit in
case it might help others. You will need to bear with me. I
have not
used a
non-RADIUS wireless configuration with an SBS network
for almost 2
years. I
still use WPA-PSK with my peer-to-peer network clients.
But in those
cases a
wireless router is providing DHCP services. Router-based
DHCP is
possible but
not recommended with SBS. It can be a bit tricky to set up
and is not
as
manageable as using SBS DHCP.

First, if this is a 2-NIC SBS, the WAP must be connected
to the
LAN-side, not
to the Internet-side. If you are using a wireless router rather
than a
true
WAP, you must disable DHCP on the router and you must
NOT use its "WAN"
or
"Internet" Ethernet jack, only the LAN jack(s).

From here on, all of the steps apply to the wireless PC(s), not
the
server.

If there is a wireless NIC utility, verify it is configured to
"Use
Windows to
configure my wireless network" or something similar. The

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exact wording
and
location varies by vendor, so you may need to poke around a little. You may need to restart the computer for this change to be effective.

Verify the Windows "Wireless Zero Configuration" service is set to a startup type of "Automatic" and is started.

In "Network Connections," open the Properties page of the wireless NIC and click the "Wireless Networks" tab. Verify "Use Windows to configure my wireless network settings" is checked. Under "Preferred networks" click the SSID of the WAP servicing your SBS network. If necessary, click the [Move up] button until it is at the top. (While not strictly required, consider removing other SSIDs for now.) With your SSID selected, click [Properties].

On the Authentication tab, everything may be greyed-out. But "Authenticate as computer when computer information is available" should be checked.

On the Connection tab, "Connect when this network is in range" should be checked.

[OK] as needed to close all the boxes. Restart the computer. When you login, see if normal startup processing occurs. Please report back your results!

— Owen Williams [SBS MVP]

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