Can't connect my DS XL using WEP...

I just got a Netgear router. It's a Netgear WNR1000v2.

I followed Nintendo’s instructions to the letter but I still can't connect. What is strange is that I can connect using WPA-PSK [TKIP] security by going into advance setup and configuring my connection manually. For some reason that works. And although this is very useful for system updates and accessing the Nintendo shop, WPA can't be used for games, which is what I want. Dragon Quest IX won't connect to the internet using WPA security.

When I try to configure the WEP connection, I enter my WEP key EXACTLY as it appears in my router’s configuration page. It gives me a 051300-2 error code. From Nintendo’s site this means

"Unable to connect to your wireless network

Likely cause: It appears that the security settings entered into the Nintendo DS are not the same as what your wireless router is set to allow."

But they are the same settings. It is WEP security and the key is exactly the same. I tried it multiple times. I tried a bunch of different things. I tried both 64-bit and 128-bit security but none of the two work.

Does anyone have any possible explanation or solution?
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Apparently there is something odd about this router, but this is what many people did to fix their problems with the same router:

Go into your router settings (192.168.1.1, username is admin and password is password), go to wireless settings and change the encryption to either none or WEP, then change the Mode to "Up to 150 Mbps b/g/n mixed mode." That's all I had to do.

I don't know why this works....

I think maybe when the router is set to WPA, it automatically shuts of wireless b mode. When you enable WEP you have to go to the speed settings and "change" it to mixed b/g/n mode (Up to 150 Mbps) to re-enable wireless b mode. Make sure you do it in that order (turn on WEP first).

First of all thank you very much for the reply.

I had already seen that post and unfortunately it didn't help me. See, when I select WEP as a security option the only mode available to me is "up to 54 mbps". That's it. Nothing else shows up. When I select WPA there are 3 modes available "Up to 54 Mbps", "Up to 65 Mbps" and "Up to 150 Mbps". I never saw anything that resembles "Up to 150 Mbps b/g/n mixed mode." Strange. You think maybe this caused by the fact that my router is the WNR1000v2? Maybe there were some changes between the first one and the v2?

Something weird happened after I read your post. I was toying around with the settings and I tried once more to make the WEP settings work on my DS XL. I entered the WEP information, then tested the connection and it didn't work. But when I tried to open the Nintendo online shop from the XL menu, it worked! ??? Why? Just to check I erased my
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previously entered WPA connection to make sure it wasn't using that one instead and after I erased it, my DS was still able to access the online shop and the only connection configured at that time was the WEP connection so it had to be using that one. So I thought, since the DS is able to use this connection for the online shop, maybe Dragon Quest IX will be able to as well. So I tried it but no, same problem. When comes the time to test the connection it fails and gives a 51300 error code.

I don't know why my DS can't use my WEP connection for games, nor do I know why my router settings don't permit me to select "Up to 150 Mbps b/g/n mixed mode", nor do I know why the Nintendo shop somehow works. All mysteries. At this point I'm thinking that the only way to get DQ9 to work would be to buy that Nintendo wifi adapter but I'm wondering if it's worth it just for one game. Anyway thank again for the help. If you have any other suggestions don't hesitate to send them my way.😊


It seems like the router is only using wireless g mode, which is supported by the shop and the web browser but is not supported by most DS games.

According to the manual for the WNR1000v2 (external antenna) the 54 Mbps setting should support wireless b or g mode. I'm not sure why the manual specifies "external antenna" as Netgear does not appear to have a manual for the "internal antenna" version. I wonder if there is a difference.

It may help to try powering off the router and powering it back on to reset it after you've set up the WEP key.

The latest firmware version is 1.1.2.28. If you have an older version, you may want to upgrade. The latest firmware is here: http://support.netgear.com/app/products/model/a_id/12167
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Hi CLEMM84,

Does your WEP options have different settings for WEP Open and WEP Shared?