

Re: SBS Wireless policy

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Dave Nickason [SBS MVP] wrote:

You need to make changes in the ISA RPC settings to allow certificate enrollment on the client PC (laptop). Also, auto-enrollment needs to happen when the client PC is connected to the wired network. The laptop obviously needs the correct certificate installed before it can connect successfully over wireless, and your laptop appears not to have the cert. This alone will prevent a successful connection. Auto-enrollment should log a success shortly after you connect to the wired network and log in.

I'm not using ISA at all. That's optional, correct? I was getting different problems, and when I thought to check the certificates on both the laptop and server, I saw there was no computer certificate for the laptop. I disabled the wireless, connected the wired and rebooted again. After waiting a little, I did finally see the laptops certificate on the servers certificates. I also did check the RPC settings on the laptop, and those are fine (they must be, since a certificate was created, correct?)

Your EAP type should not be "undetermined," it should be "Smart Card or other certificate." I'm not sure if this is because the connection is failing, or if it's a configuration thing in your IAS Remote Access Policy. Again, verify your settings against the document – this setting is in the entry you created under "Remote Access Policy" in IAS.

Hmm... I wonder why EAP is undetermined. I'll look into that.

I'm not sure why you're getting an error referring to the user account settings. With Owen's method, it's the client PC that is authenticating to IAS – it'll actually connect even if you just start the computer without ever attempting to log into a user account. Still, I'd go into AD Users and Computers and check the remote (dial-in) settings for the laptop, the user account, and the SBS. All should be set to "Control access through Remote Access Policy."

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Understood. I followed the document like a checklist, and still no joy. Although I can't find any remote settings for the computer accounts anywhere in AD Users and computers.. they just appear on Users.

I'm not sure you're going to be able to use WPA and AES. This would be a question for Owen, but anyway it only works if WPA with AES is supported throughout all your hardware and software. If all else fails, I would try WPA and TKIP to see if that changes anything. You'll have to change this in both the WAP and in the wireless GPO, plus possibly somewhere else I'm forgetting. I tried to use WPA with AES and ran into failed connection issues that I believe were caused by my WAP not supporting that exact configuration (I believe the WPA standard technically calls for TKIP, and that WPA2 is required for AES, but that some access points support it either way. Mine apparently does not).

Well, both my WAP and wireless card support WPA and AES; the WAP is a Dlink DI-634M, and the wireless card is a DWL-G650. Both have AES listed as an encryption option, but I guess I'll give it a shot with TKIP (or whatever that setting is).

If you get the certificate to enroll properly and still can't connect after that and verifying the settings in AD, please go through the document carefully and verify that all your settings match. Post back with anything you have questions about.

I have. There only odd thing is that when selecting the server certificate created in the document, it shows up twice on the server. I've even compared the thumbprints, and they are identical.

Andy

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