

# Re: Wireless EAP Problem

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*Source:*

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.networking/2008-08/msg00033.html>

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- *From:* "Robert L. \ (MS-MVP)" <[findemail@xxxxxxxxxxxxxxxxxxxx](mailto:findemail@xxxxxxxxxxxxxxxxxxxx)>
  - *Date:* Mon, 4 Aug 2008 15:05:04 -0500
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In this case, I would double check the group policy settings.

FYI, We have Cisco AP 1200 and 1300 APs. We setup Enterprise WPA2 with IAS as authentication. Any domain users just logon their domain user IDs without configuring computer certificate.

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Bob Lin, MS-MVP, MCSE & CNE  
Networking, Internet, Routing, VPN Troubleshooting on  
<http://www.ChicagoTech.net>  
How to Setup Windows, Network, VPN & Remote Access on  
<http://www.HowToNetworking.com>  
"Redleg6" <[redleg6@xxxxxxxxxxxxxxxxxxxx](mailto:redleg6@xxxxxxxxxxxxxxxxxxxx)> wrote in message  
[news:eioebhd9IHA.2332@xxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:eioebhd9IHA.2332@xxxxxxxxxxxxxxxxxxxxxxxxxxxx)

OK, sorry 'bout that.

I have a Win2003 domain. An enterprise CA running on a Win2003 Enterprise OS. I use group policy. This is a test domain that I use for working out problems before I place anything on the production domain which is used to service a hospital.

The workstations are all WinXP SP2.

The problem I am working on is how to best setup some COWS(computers on wheels) for the nurses in the patient areas. We have wireless with Cisco AP's thruout the hospital to service the COWs. These AP's connect into our primary VLAN that connects to our production system. Since sensitive patient info is sent over the wireless network it is essential that the communications be highly secure.

At first I set up a test using EAP-TLS. I also used autoenrollment in GP. Each COW has a computer certificate and a user certificate for each user. This setup is very secure but having 20-30 user certificates to manage on each COW is a huge management problem. BTW the certs use a custom wireless template and all the users must be in a special wireless global group. The connections with the COWS use IAS that has a certificate from the CA.

Now I want to try using PEAP. This will still encrypt the wireless common but will not require all the user certificates on the COWS. I can easily change to PEAP in the remote access policy for IAS. But when I try to change to PEAP in the wireless connection on the COW the change is not allowed. Everytime I change the properties for the wireless network

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to use PEAP instead of a certificate the change is not accepted.

I need some help on how to change to PEAP on the COWS.

"Robert L. (MS-MVP)" <findemail@xxxxxxxxxxxxxxxx> wrote in message  
[news:%23cb9%23Kb9IHA.3544@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:%23cb9%23Kb9IHA.3544@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx)

We need more details to help you. Where do you make the change? Do you have group policy?

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Bob Lin, MS-MVP, MCSE & CNE  
Networking, Internet, Routing, VPN Troubleshooting on  
<http://www.ChicagoTech.net>  
How to Setup Windows, Network, VPN & Remote Access on  
<http://www.HowToNetworking.com>

"Myrt Webb" <myrtwebb@xxxxxxxxxxxxxxxx> wrote in message  
[news:O6gnGPY9IHA.5928@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:O6gnGPY9IHA.5928@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx)

I am using on my wireless network EAP-TLS which requires user certificates for authentication.

I want to go back to PEAP which will eliminate this requirement. Problem is the wireless network configuration on my Win XP SP2 will not allow me to change. Everytime I make the change I get a message that will not allow the change. The card is a Linksys.

How can I change from user certs to PEAP and make it stick?