

RE: 802.1x, Computers, Wired Security

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- *From:* doubleH <heath@xxxxxxxxxxxxxxxx>
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Just to be clear....PEAP-MSCHAPvs and EAP-TLS both work for user auth. I want to get EAP-TLS to work with computer auth. See my answers below....

"Miles Li [MSFT]" wrote:

Hello,

As the User authentication using PEAP/MSCHAPv2 is working, the 802.1X wired service on the Windows XP SP3 should functions properly. However, because the TLS with certificates needs the certificate that enrolled from the CA. Please verify the certificates on the client machine that connect to 802.1x wired network as I mentioned in my previous post.

814394 Certificate requirements when you use EAP-TLS or PEAP with EAP-TLS

<http://support.microsoft.com/kb/814394>

Client side:

1. Is there a computer certificate that enrolled from the domain CA?

YES

2. Does computer certificate on the client chain to a trusted root? Can you verify the certificate path successfully?
 - You can select the trusted root certification authorities in the Network Connection---->properties---->authentication tab---->PEAP settings (PEAP properties).

I'M NOT USING PEAP

3. Do you select the Smart card or other certificate (you used to use MSCHAPv2) as the Authentication method for PEAP?

YES I SELECT SMART CARD OR OTHER CERTIFICATE FOR EAP-TLS

4. Does the computer certificate have the Client Authentication purpose?

YES

Server side:

1. Does the option "validate server certificate" is chosen on the client?
If yes, please verify the IAS
Server's computer certificate for Server Authentication purpose and its certificate path .

YES

Hope it helps. If you have any questions or concerns, please do not hesitate to let me know.

Best regards,
Miles Li

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