

Problem with certificates/L2TP VPN

Source:

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.networking/2008-03/msg00321.html>

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So we have a Windows 2000 RRAS VPN server which has been serving us with PPTP VPN service for a long time now. We decided to upgrade security and implement L2TP. So I installed standalone CA and installed CA ROOT ccert on both RRAS server and test client. I can see the cert in "Trusted Root Certification Authorities" on both RRAS server and client. Also I issued computer certs to RRAS server (purpose: Server Authentication) and client (purpose: Client Authentication). That should finish the story with certs. However when I try to establish VPN connection from client I get:

Error 786: The L2TP connection attempt failed because there is no valid machine certificate on your computer for security authentication.

Also I have following in Security log:

IKE security association negotiation failed.
Mode:
Key Exchange Mode (Main Mode)

Filter:
Source IP Address 192.168.0.33
Source IP Address Mask 255.255.255.255
Destination IP Address 192.168.0.15
Destination IP Address Mask 255.255.255.255
Protocol 0
Source Port 0
Destination Port 0
IKE Local Addr 192.168.0.33
IKE Peer Addr 192.168.0.15
IKE Source Port 500
IKE Destination Port 500
Peer Private Addr

Peer Identity:
Certificate based Identity.

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Peer Subject

Peer SHA Thumbprint 00

Peer Issuing Certificate Authority

Root Certificate Authority

My Subject CN=HP-SERVER test cert

My SHA Thumbprint 0fd6eb25c8ba67e79b97457014a4b8803b05eb3c

Peer IP Address: 192.168.0.15

Failure Point:

Me

Failure Reason:

IKE failed to find valid machine certificate

Extra Status:

Processed second (KE) payload

Initiator. Delta Time 0

0x80092004 0x100

Please advise, what have I done wrong?

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