

Re: RADIUS (Simple Answer on How to Install it)

Source:

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.networking/2006-08/msg00549.html>

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 - *Date:* 18 Aug 2006 04:44:30 GMT
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=?Utf-8?B?VGlt?=<Tim@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in
<news:875B9CF6-8692-4C04-91A1-06C9DC1C3596@xxxxxxxxxxxxxxxx>:

We have a CheckPoint firewall that uses ipsec using MD5, 3DES, AES-256, etc, etc and an MS2003 DC on our internal network. On the firewall I've turned off Check Point authentication and turned on RADIUS. On the 2003DC I've enabled RRAS and selected RADIUS authentication. The same 25 character shared secret is entered on the firewall's RADIUS object and RRAS.

So is that it for setting up RADIUS? Then I got to thinking that on our server under RRAS, I added the server name itself as a RADIUS server, but does that mean that "RADIUS server" itself is then setup? I don't know as the only thing I can find on the web is adding IAS as a RADIUS proxy. UGGGGHHHH!!!! So I installed that on our DC as well. Do I REALLY need IAS? What if I only want a RADIUS server and NOT a IAS server acting as a RADIUS proxy?

I just want VPN through our CheckPoint firewall for 10 people and it's turned into this huge royal pain to set up. There's got to be an easy way to do this. So our DC should be the RADIUS server and the CheckPoint firewall should be the RADIUS client....right?

Nope. If I understand how you have this configured it is as such:

Firewall --> RRAS VPN server --> IAS server

In this scenario all you do on the firewall is allow VPN traffic to pass through. The RADIUS protocol is not used between access clients and access servers (in this case the VPN server) -- it is only used between access servers and IAS.

So if you were going to configure this arrangement, assuming that you have properly configured the firewall so that the VPN server receives connection requests from clients, you would do this:

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- Configure the RRAS server as a RADIUS client in IAS (IP address and shared secret are main configuration items)
- Configure the RRAS server to use the IAS server as a RADIUS server (again IP address and shared secret).
- Then use the default remote access policy in IAS named something like "Connections to servers running routing and remote access" — configure it appropriately and make sure you configure it to ALLOW access. (The default I think is block access).
- In Active Directory configure user account dial-in properties to "Control access through remote access policy."
- Do not change Connection Request Processing settings.
- Make sure logging is enabled and there is sufficient disk space for the logs. (If IAS cannot log but logging is enabled it stops processing requests.)

Finally I have to tell you two more things:

1. The only reason to use IAS is to simplify management of multiple access servers, because when you have multiple access servers and you use IAS, you only have to configure policies (connection request and remote access policies) in one location.

You are deploying one VPN server; you don't need IAS unless you are planning on using advanced logging features (like logging to a SQL Server database, which you don't want to try unless you are a seasoned SQL Server admin.) Just configure your remote access policy in RRAS and be done with it. Make sure you enable the policy though.

2. All of this information is sitting on your computer. Read the IAS Help, it is accurate and complete.

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