

Re: New At Network Configuration

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- *From:* "Silom" <nospam@xxxxxxxxxxxxxxxxxx>
 - *Date:* Thu, 25 Jan 2007 12:46:23 +0700
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Hi,

Firstly, so as I understand correctly.

I install RRAS for NAT before ISA??
ISA sets RRAS parameters.??

Or is it that I do not install RRAS and ISA in effect does this for you.

I understand what you say about configuring ISA, as to start with the computer running ISA could only connect to the ms site. Now I can connect to any site.

Also before the installation of ISA the DC Server computer could ping the server that ISA was to be installed on. Now it cannot.

Again thank you for your patience.

"Bill Grant" <not.available@online> wrote in message
<news:e5vbeYBQHHA.1380@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>

If you have installed ISA server, do not try to change the settings in RRAS manually. ISA sits on top of RRAS and configures RRAS directly. If it is not working, you have not configured ISA correctly.

"Silom" <nospam@xxxxxxxxxxxxxxxxxx> wrote in message
<news:C2FD36B6-CB13-4B6B-B73B-4257D331F17B@xxxxxxxxxxxxxxxxxxxx>

Hi,

May I firstly thank you for your good council.

Having worked through your scheme I now understand much better what a monster I had proposed.

I see that the private ip settings are in essence the same but in one

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or two places they are different than before. I have assumed this was because I had two NIC's on the DC. Certainly the elements contained within AD/DN/DHCP all appear to be working properly and adding a new machine connects without any problems and its information is broadcast throughout AD/DN/DHCP.

I was thinking of ISA server for the firewall and I have set this up as a standalone server and joined it to the DC. I have been slowly configuring it and it communicates with AD on the DC server with no difficulty.

QUESTION:

Am I correct in that I also need to install RRAS on the ISA server computer in order for internal network clients to access the internet. This they cannot do at the moment.

If this is correct are there any additional settings that are require over and above those put in place when the installation wizard is run??

If I am not correct I am sorry but I cannot find settings within the ISA manager to fix the problem.

Once again many thanks for your kind help and assistance.

"Bill Grant" <not.available@online> wrote in message
news:eu0Pir0PHHA.3668@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

I agree with Danny. This is much too complex. Using multihomed servers as domain controllers is bad practice and will cause you problems.

If you want to use a server as a router/firewall for your LAN, do not make it a domain controller. Use a standalone server (running ISA server if possible). But this may be overkill for your setup. For testing you could use RRAS, which comes as part of 2003 R2, as a NAT router. Have you considered running a hardware firewall instead?

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You only need one internal network, and the machines on it only need one NIC. Only the router/firewall should have an interface in both networks. eg

Internet

|

public IP

router/firewall

private IP (eg 192.168.31.254) default gateway blank

|

all LAN machines (workstations and servers)

192.168.31.x dg 192.168.31.254

Give the server you want to use as the DC a static IP, then run dcpromo to set up AD and DNS. When you configure DHCP, set all machines to use the DC for DNS and the firewall as default gateway (192.168.31.254 in the example above). Modify the DNS on your DC to forward to a public DNS server (so that it can resolve foreign URLs as well as local names).

Where you locate the web server is a problem. If you put it on the "public" network, you will have problems using it or updating it from the LAN (because it is outside the firewall). A common practice is to have the web server on the LAN and arrange for public access to it via the firewall. (That is the remote users connect to the firewall and the firewall redirects queries to the web server on the LAN).

"Danny Sanders" <DSanders@xxxxxxxxxxxxxxxx> wrote in message
news:%23d0TykxPHHA.320@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx

administrative computer and
then the Group of
workstaions connect via the
admin computer to the
network

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You lost me here.

I really can't follow what you are trying to do.

DDS

"Silom" <nospam@xxxxxxxxxxxxxxxx>

wrote in message

news:53466EA0-D716-49D8-9E68-0E72073D8D7D@xxxxxxxxxxxxxxxx

Hi All,

I am very new to all of this.

I am using MS Server 2003 R2 etc and so far have tried some very simple networks all using the same internal network.

Now I would like to start a network where a group of workstations connect to the network but using a different address. So there would be a DHCP/DNS/AD/RRAS server, a Web server, a Firewall, an administrative computer and then the Group of workstations connect via the admin computer to the network.

Computer 1. two NIC's (one for the internet, one for the local network)

(srv 2003 r2)

Computer 2. a single NIC

(web server)

Computer 3. two NIC's (one for the local network and

one for the admin computer) (firewall)

Computer 4. two NIC's (one to connect to admin and the other to the

Group of workstations)

(Admin)

Computers 5 - 10 one NIC

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each

I let the server program configure as a typical first server. OK. Those computers that reside up to the firewall (as yet not installed), computers 1 to 3, connect to the network and also the internet using DHCP/DNS/AD/RRAS as setup.

However, The card in computer 3 that looks to connect to the admin computer and those which look from the workstations to the admin computer do not connect to the network.

I have not setup any other configurations except as instructed "To Do Next" after the initial setup. I am seeing leases used under DHCP and the same addresses appearing in the FWD Lookup zone under the domain name.

Can some assist me in configuring the necessary aspects to help me rectify the problem.