

RE: Configuring ISA Server 2006 for Internal Cisco VPN Clients

Source:

<http://www.tech-archive.net/Archive/ISA/microsoft.public.isa.configuration/2007-07/msg00044.html>

- *From:* ElMajdal <ElMajdal@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Thu, 19 Jul 2007 16:34:02 -0700
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Will be waiting your reply.

and to have a clear point about the different ISA Server Clients Type, read the following :

The SecureNET (SecureNAT) client A SecureNET client is a machine configured with a default gateway address that allows Internet bound requests to pass through the ISA Firewall. If the SecureNET client is located on the same subnet of the ISA Firewall, then the default gateway address will be IP address of the ISA Firewall s interface on the same network ID as the client. If the clients are on a remote subnet from the ISA Firewall, then the IP address will be a router interface address that will use route outbound requests through the ISA Firewall. While the official name in the ISA Firewall documentation is SecureNAT client, it is more accurately referred to as a SecureNET client because the Network Rule defining the connection between a source and destination network does not have to be a NAT relationship, it could be a Route relationship.

The Firewall Client The Firewall client is a piece of software that must be installed on the client operating systems (the Firewall client should not be installed on server operating systems and never on the ISA Firewall itself). The Firewall client is a generic Winsock proxy client that intercepts Winsock application network calls and forwards them (remotes them) directly to the ISA Firewall. This enables the Firewall client to be transparent to the network routing infrastructure and does not depend on default gateway or route of last resort configuration on network routers. The only network infrastructure requirement is that the clients have a route to the IP address of the ISA Firewall closest to the client. The Firewall client also enables user authentication for access control and supports secondary connections for complex protocols when there is no Application Filter to provide that support. In contrast, SecureNET clients must have an Application Filter in place to support complex protocols that may require multiple primary and secondary connections.

The Web Proxy client The Web proxy client is a machine that has its browser configured to use the ISA Firewall as its Web proxy device. Browser configuration can be done manually, or can be automated using the WPAD protocol and WPAD entries in DHCP and/or DNS. The Web proxy client

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configuration supports only HTTP, HTTPS, and HTTP tunneled FTP requests and does not support FTP upload, only FTP download. Web proxy clients can authenticate with the ISA Firewall, in contrast to SecureNET clients, which cannot authenticate with the ISA Firewall.

source :

<http://www.isaserver.org/tutorials/Definitive-Guide-ISA-Firewall-Outbound-DNS-Scenarios-Part2.html>

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Tarek Majdalani
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"y2kdad" wrote:

"ElMajdal" wrote:

Hi,

create a new rule

Allow > IKE Client & IPSec NAT-T Client > From Internal > To External >
All
Users

make sure to configure your client as SecureNat.

HTH,
Tarek

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"y2kdad" wrote:

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We sometimes have vendors onsite that connect to our LAN with their laptops. They all have Cisco VPN clients installed to connect to their corporate offices.

Does anyone know how to configure ISA 2006 to allow Cisco VPN clients to connect to external VPN servers? I was told that ISA cannot do this, but I'm sure there must be way.

Thanks in advance!

Thanks for the help! I'll try it and let you know. Also, how do I make sure these clients are configured as SecureNAT?

Thanks!