## Providing Unrestricted Internet Access Through Internet Security and Acceleration Server

This article will provide you step by step instructions to configure Microsoft Internet Security and Acceleration Server (ISA) that is installed in the integrated mode to allow unrestricted Internet access to Internal network that consists of Microsoft and Non-Microsoft Clients (Unix, Novell etc) computers.

To Allow Internet access

- You should create a **Protocol Rule** for Microsoft clients.
- You should enable IP Routing for Secure NAT clients.

## **Creating Protocol Rule:**

- 1. Click Start→ Programs→ Microsoft ISA Server→ISA Management.
- 2. Expand Access Policy, and then click Select Protocol Rules.

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Cache Configuration	Help	Up	Home

**Note:** You can switch between advanced view or taskpad view from the View option of toolbar.



3. Right click the **Protocol Rule** → **New** → **Rule**.

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Tree Tree Tree Tree Tree Tree Tree Tree Servers and Arrays SERVER Monitoring Computer Access Policy Site and Content Rules Protocr Publishing Publishing Policy Elem Policy Elem Cache Con Help Fytensions	Create Protocol Rules Protocol rules determine which protocols can be used by clients. Clients will be able to access the Internet through ISA Server only after you create a protocol rule allowing access to a specific protocol. To create a protocol rule, on the Action menu, click New and then click Rule.

4. Type **Unrestricted Internet Access** on the first page of the wizard, and then click **Next**.

New Protocol Rule Wizard	×	
	Welcome to the New Protocol Rule Wizard This wizard helps you create a new protocol rule. Protocol rules determine which protocols clients can use and when.	
	Note: Be sure to create new policy elements required by the rule before you use this wizard. Protocol rule name: Unrestricted Internet Access To continue, click Next.	
	< Back Next > Cancel	

- 5. Continue to click **Next** more times to accept all of the default settings of the new protocol rule.
- 6. Review your default selected options in the wizard completion window and Click **Finish**.



You have successfully created a protocol rule for internal network Microsoft clients to allow unrestricted Internet access.

## **Enabling IP Routing:**

- 1. In the Access Policy, click IP Packet Filters (Below the Protocol Rule).
- 2. Right-click IP Packet Filters, and then click Properties.

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Tree	Name
	DHCP Client
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Computer	ICMP outbound
🛱 🛒 Access Policy	ICMP ping response (in)
Site and Content Rules	ICMP source quench
Protocol Rules	ICMP timeout in
IP Packet Eilberg	ICMP unreachable in
Publishing New	
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Lient Config Help	
Opens property sheet for the current selection.	

3. Click to select the **Enable IP routing** check box.

IP Packet Filters Properties
General Packet Filters Intrusion Detection PPTP
Use this page to control packet routing and packet filtering properties.
🔽 Enable packet filtering
Enable Intrusion detection
Enable IP routing
OK Cancel Apply

- 4. Click OK.
- On the non-Microsoft client computers, under TCP/IP Properties, set the client computer's default gateway to be the internal adapter of the computer that is running ISA Server.

You have successfully created a protocol rule and enabled IP routing for unrestricted Internet Access for your internal network.

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