## Allowing Access to Terminal Services on ISA from the External Interface

This lab practice describes how to allow access to Terminal Services on an ISA server from the external interface by creating a static packet filter.

Please follow these steps to perform this lab practice.

1. Open the ISA Administration tool, and then expand the **Server** settings.



2. Expand Access Policy, and then click IP Packet Filters.

ISA Management			
$Action$ View $4 \Rightarrow 1$ $1 \Rightarrow 1$ $1 \Rightarrow 1$			
Tree	Name	Mode D	
Internet Security and Acceleration Server	🔁 DHCP Client	Allow	
🖻 🖫 Servers and Arrays	📑 DNS filter	Allow	
	ICMP outbound	Allow	
🗄 🖳 Monitoring	ICMP ping response (in)	Allow	
- Gomputer	ICMP source quench	Allow	
🖨 🗳 Access Policy	📑 ICMP timeout in	Allow	
- 📄 Site and Content Rules	📑 ICMP unreachable in	Allow	
Protocol Rules			
IP Packet Filters			
Publishing			
Bandwidth Rules			
Policy Elements			
Extensions			
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3. Right click IP Packet Filter, New and then Filter

ISA Management			
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Tree		Name	Mode Di
Internet Security and Acceler Servers and Arrays SERVER Monitoring Computer Access Policy Site and Cont Protocol Rule	ent Rules	DHCP Client DNS filter I CMP outbound I CMP ping response (in) I CMP source quench I CMP timeout in I CMP unreachable in	Allow Allow Allow Allow Allow Allow
Publishing     Bandwidth Rule:     Policy Elements     Cache Configur.     Monitoring Conf     Extensions     Network Configura	New View Refresh Export List Properties Help	Filter	
			F

4. Specify a name such as "Terminal Server access", and then click **Next**.



5. In the Create a filter for box, click Allow packet transmission, and then click Next.

New IP Packet Filter Wizard	×
Filter Mode You can create a filter that allows or blocks packet transmission between addresses, ports, and protocols you specify.	the IP
Create a filter to: Allow packet transmission     Block packet transmission	
< Back Next >	Cancel

6. In the Use this filter box, click Custom, and then click Next.

New IP Packet Filter Wizard	×
Filter Type You can specify ports and protocols in a custom filter, or you can use the settings of a predefined filter.	
Use this filter:	
Custom	
C Predefined:	
DNS lookup	
< Back Next > 0	Cancel

7. For the filter settings, specify the following settings, and then click **Next**:

IP protocol: TCP Direction: Inbound Local Port: Fixed port Port number: 3389 Remote Port: All ports

New IP Packet Filter Wizard			×
Filter Settings Specify the protocol used, communication of information.	direction, and oth	ner filter-specific	
Select settings for this IP packet filter.			
IP protocol:		Number:	
TCP	•	6	
Direction:			
Inbound	▼		
Local port Fixed port	Port number: 3389		
Remote port: All ports	Port number:		
	< Back	Next >	Cancel

8. In the Apply this packet filter to box, click Default IP addresses for each external interface on the ISA Server computer, and then click Next.

New IP Packet Filter Wizard		×
Local Computer Select the IP address to which the IP packe	et filter is applied.	
Apply this packet filter to:		
<ul> <li>Default IP addresses for each external interfa</li> </ul>	ce on the ISA Server computer	
O This ISA server's external IP address:		
C This computer (on the perimeter network):	· · · ·	
	Browse	
	< Back Next > C	ancel

9. In the "Remote Computers" section, click either All remote computers or Only this remote computer, and then click Next.

New IP Packet Filter Wizard	×
<b>Remote Computers</b> Select the remote computers to which the IP packet filter is applied.	×
Apply this packet filter to:	
< Back Next >	Cancel

**Note:** This setting specifies the host which is the terminal server client that accesses the Terminal Services session.

10. Review all your configured settings and then click **Finish** to define this IP Packet Filter for terminal server access.

New IP Packet Filter Wizard		×	
	Completing the New IP Packet Filter Wizard		
	You have successfully completed the New IP Packet Filter Wizard. You created an IP packet filter with the following configuration:		
	Name: Terminal Server Access		
	Filter mode: Allow packet transmission		
	Using Custom Filter: IP Protocol: TCP Direction: Inbound Local port: Fixed port Remote port: All ports		
	To close this wizard, click Finish.		
	< Back Finish Cancel		

You have successfully created a new IP packet filter to Allow terminal server access through ISA server.

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