

ISA Management Set-up

Windows 2000 Server - ISA management set-up

Microsoft's Internet Security & Acceleration Server is an extensible enterprise firewall and Web cache server. This is an example of how to establish the proxy server settings on the ISA using the SOCKS4 protocol to enable ASIC Internet lodgment system through CAS.

Notes: The following instructions should only be referred to the IT manager / System Administrator. This is a guide only as some settings may vary from server to server.

Installation instructions

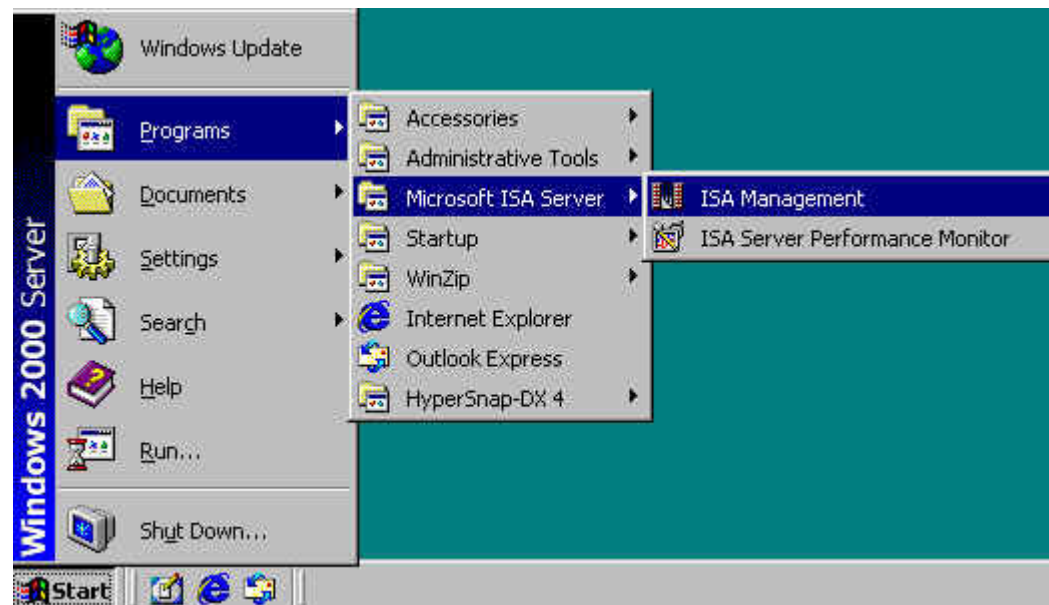
Setting up CAS and ISA to lodge through the Internet lodgment system involves three tasks.

- **Task 1** – Involves configuring ISA to enable the client to establish a connection and request to the ISA server
- **Task 2** – Involves configuring CAS to correctly interact with the ISA server
- **Task 3** – Configuring the Firewall

Task 1 Configuring ISA to enable the client to establish a connection and request to the ISA.

1. Enable SOCKS4 via Application Filter

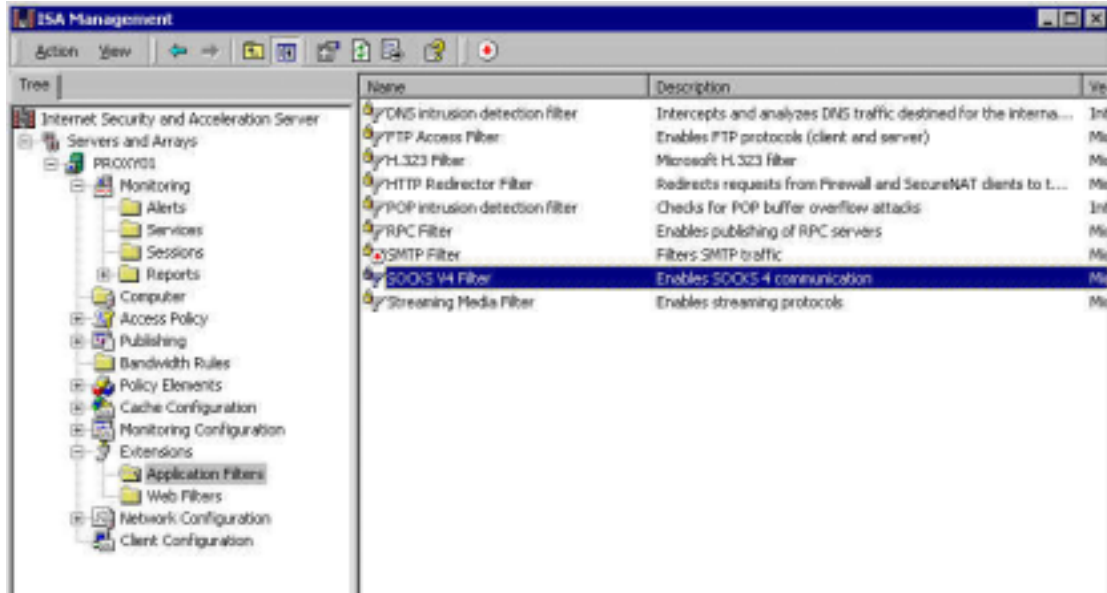
Click **START | PROGRAMS | Microsoft ISA Server | ISA Management**



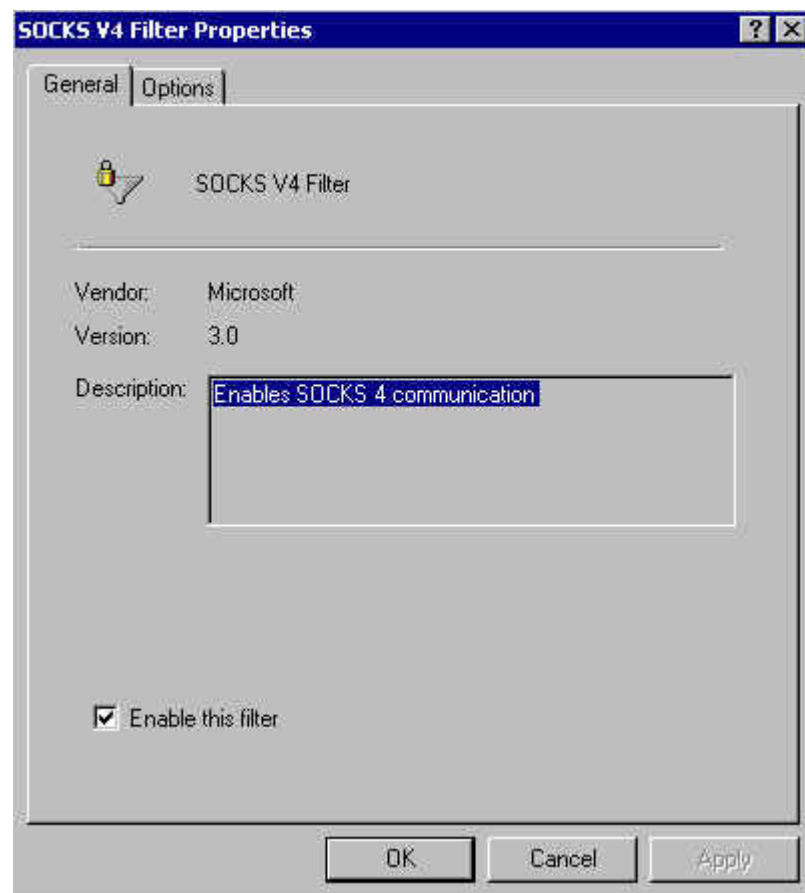
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The following screen will appear, 'ISA Management'.

Click on **Extensions / Application Filters**



Double click on **SOCKS V4 Filter** | Tick **Enable This Filter** | Click on **Apply** | **OK**



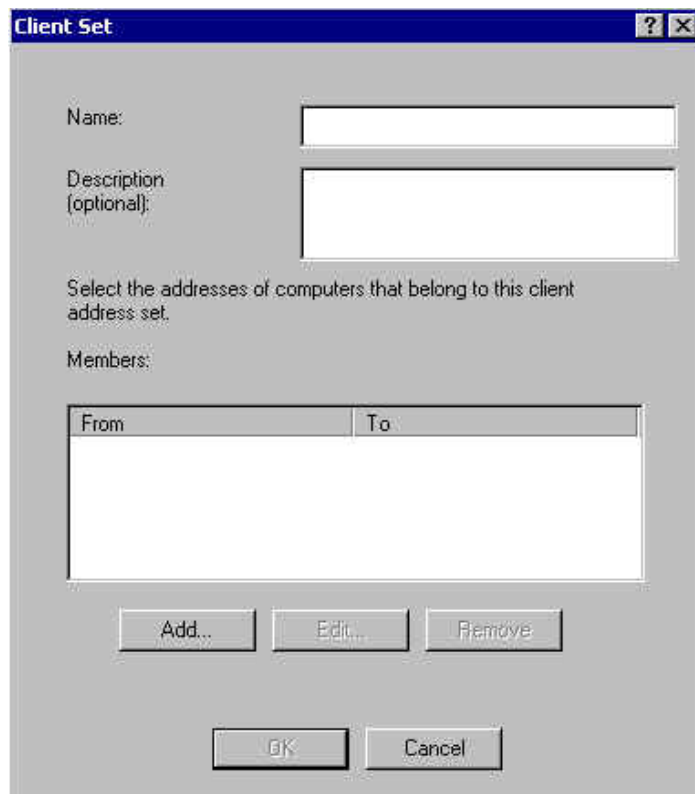
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2. Configure the Client address set where CAS will lodge

Click on **Policy Elements / Client Address Sets**



Click **Create a Client Set** / Input **Name & Description** / Click on **Add** / Input **Client IP**

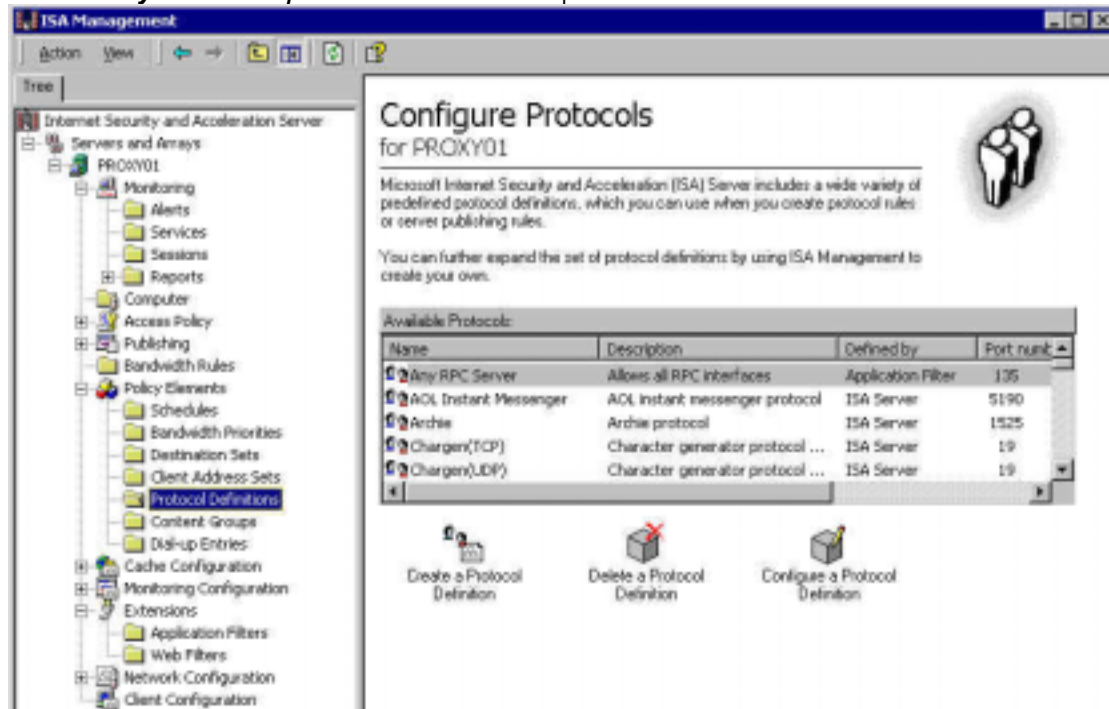


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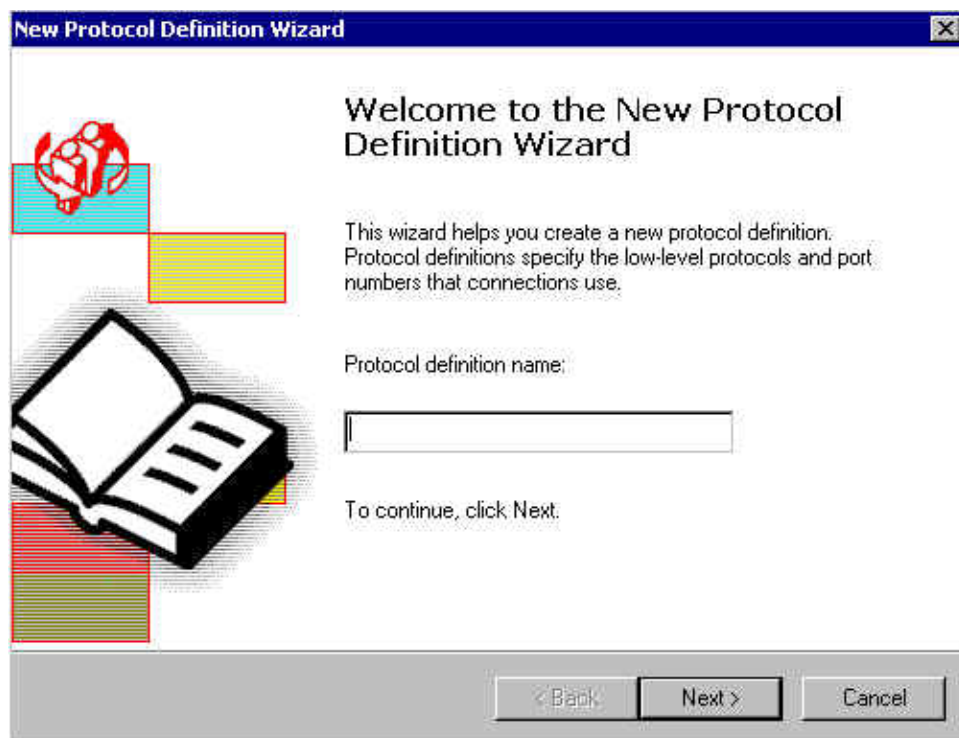
3. Configure the protocol (Outbound port 5610)

The connection CAS uses for ASIC mailboxes is a TCP connection to the remote port 5610. Therefore we need to configure the ISA to connect to this remote port when the client request for a CONNECT.

Click **Policy Elements | Protocol Definitions | Create a Protocol Definition**

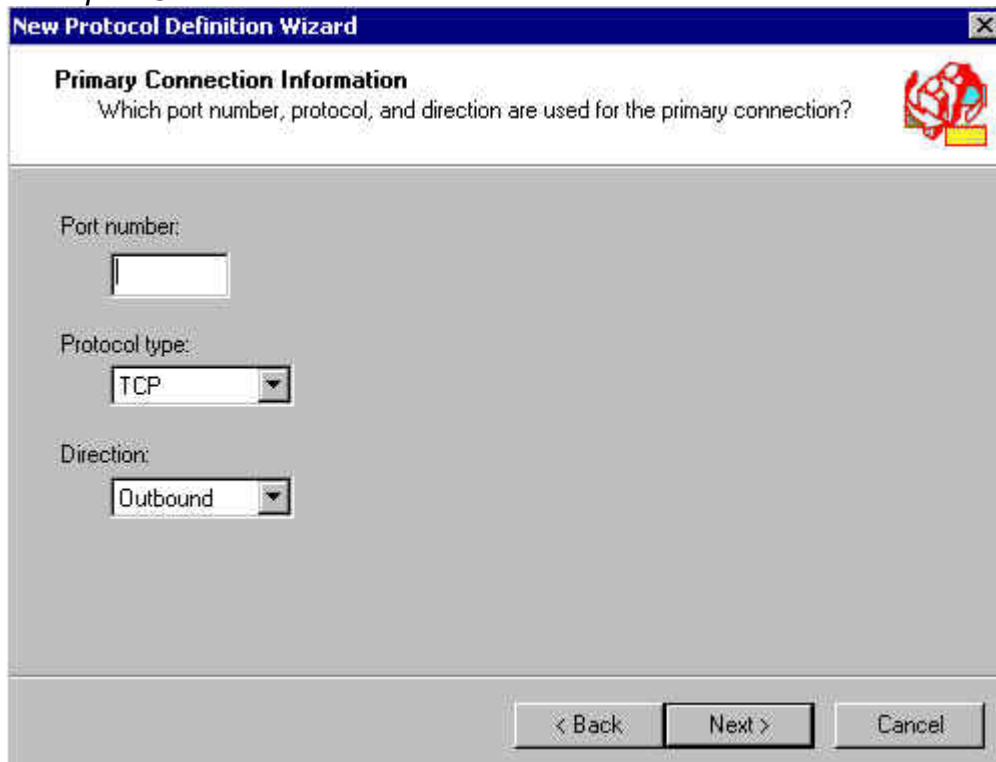


Input the Protocol definition name e.g. "CAS ASIC lodgement" and click NEXT



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Input the **Port number "5610"**, **Protocol type = TCP**, **Direction = Outbound**,
NEXT / FINISHED



New Protocol Definition Wizard

Primary Connection Information
Which port number, protocol, and direction are used for the primary connection?

Port number:

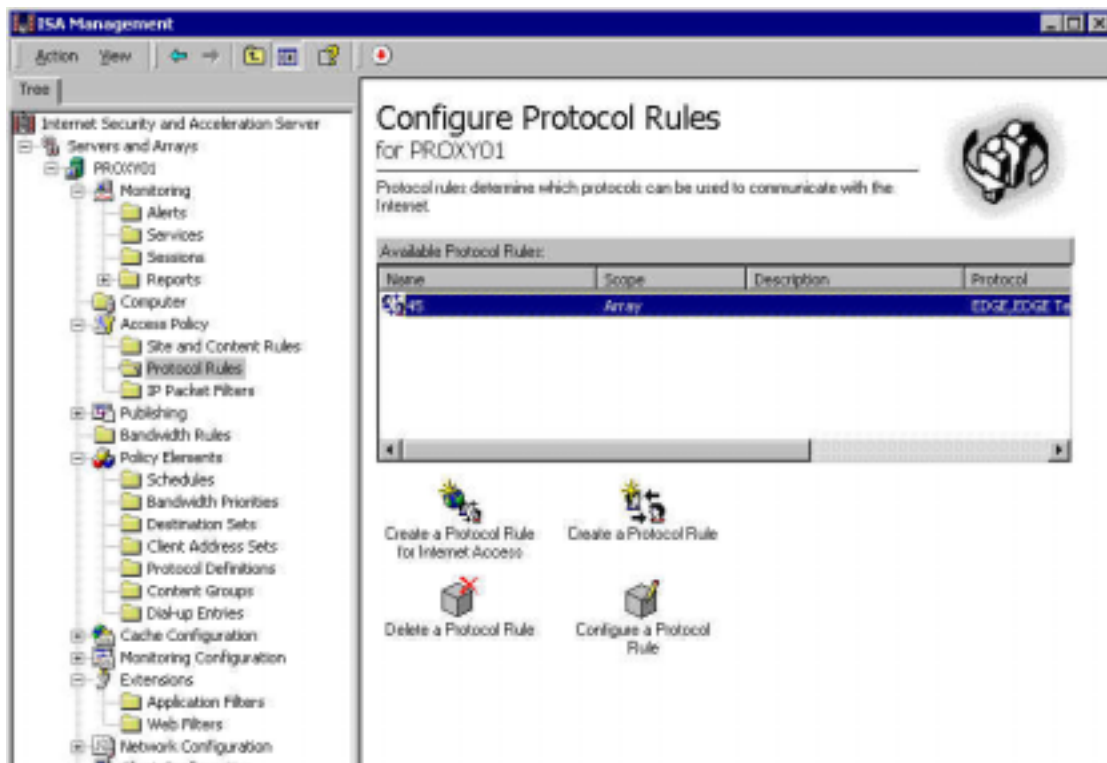
Protocol type:
TCP

Direction:
Outbound

< Back Next > Cancel

4. Configure the Protocol rules

Click **Access Policy | Protocol Rules | Create a Protocol Rule**



ISA Management

Internet Security and Acceleration Server

Tree

- Servers and Arrays
 - PROXY01
 - Monitoring
 - Alerts
 - Services
 - Sessions
 - Reports
 - Computer
 - Access Policy
 - Site and Content Rules
 - Protocol Rules**
 - IP Packet Filters
 - Publishing
 - Bandwidth Rules
 - Policy Elements
 - Schedules
 - Bandwidth Priorities
 - Destination Sets
 - Client Address Sets
 - Protocol Definitions
 - Content Groups
 - Dial-up Entries
 - Cache Configuration
 - Monitoring Configuration
 - Extensions
 - Application Filters
 - Web Filters
 - Network Configuration

Configure Protocol Rules
for PROXY01

Protocol rules determine which protocols can be used to communicate with the Internet.

Available Protocol Rules:

Name	Scope	Description	Protocol
45	Array		EDGE_EDGE Te

Create a Protocol Rule for Internet Access Create a Protocol Rule

Delete a Protocol Rule Configure a Protocol Rule

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Input Protocol rule name e.g. ASIC Internet lodgement and click NEXT

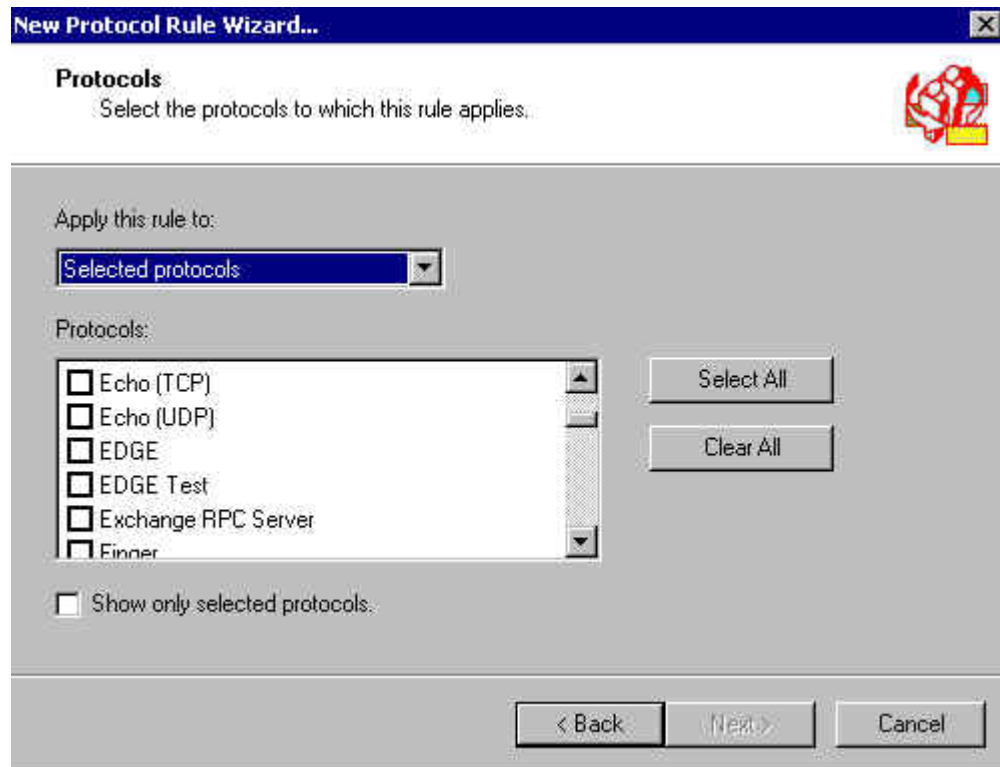


Select **Allow** for Response to client requests to use protocol and **NEXT**



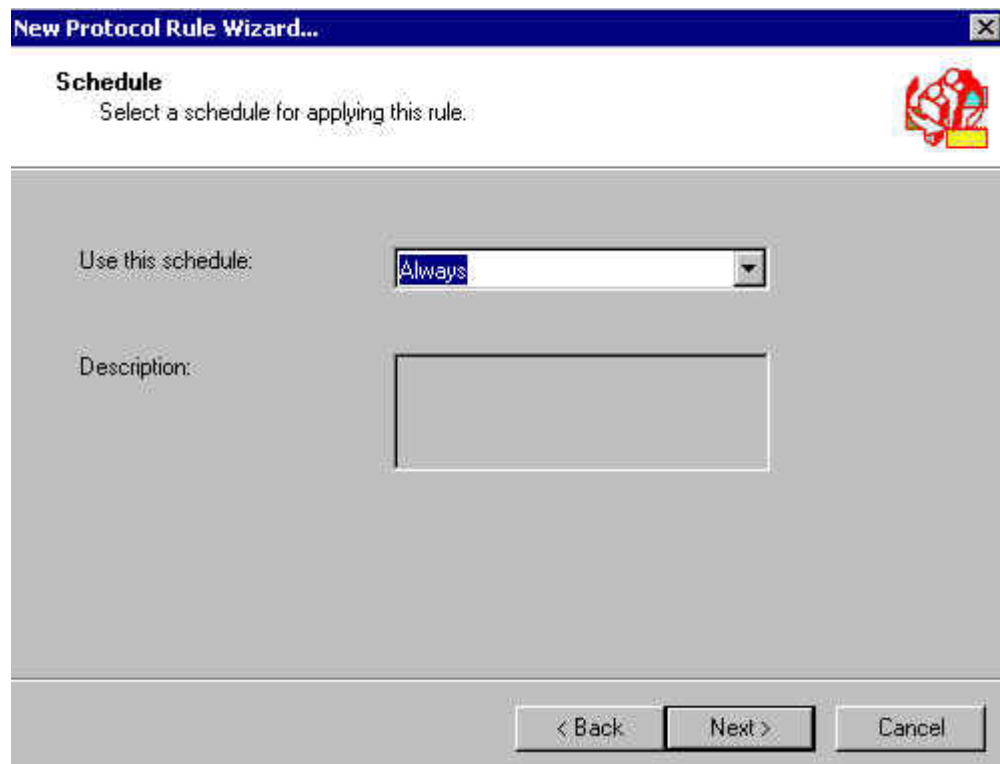
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Select **Selected protocols** from the drop down option for 'Apply this rule to'. Tick the options created in step 3 Create Configure Protocols for Protocols. Click **NEXT**



The screenshot shows the 'New Protocol Rule Wizard...' dialog box, specifically the 'Protocols' step. The title bar reads 'New Protocol Rule Wizard...' with a close button. The main heading is 'Protocols' with a sub-instruction: 'Select the protocols to which this rule applies.' Below this, there is a section 'Apply this rule to:' with a dropdown menu currently set to 'Selected protocols'. Underneath, the 'Protocols:' section contains a list of protocols with checkboxes: Echo (TCP), Echo (UDP), EDGE, EDGE Test, Exchange RPC Server, and Finner. To the right of this list are two buttons: 'Select All' and 'Clear All'. At the bottom left of the list area, there is a checkbox labeled 'Show only selected protocols.' which is currently unchecked. At the bottom of the dialog, there are three buttons: '< Back', 'Next >', and 'Cancel'.

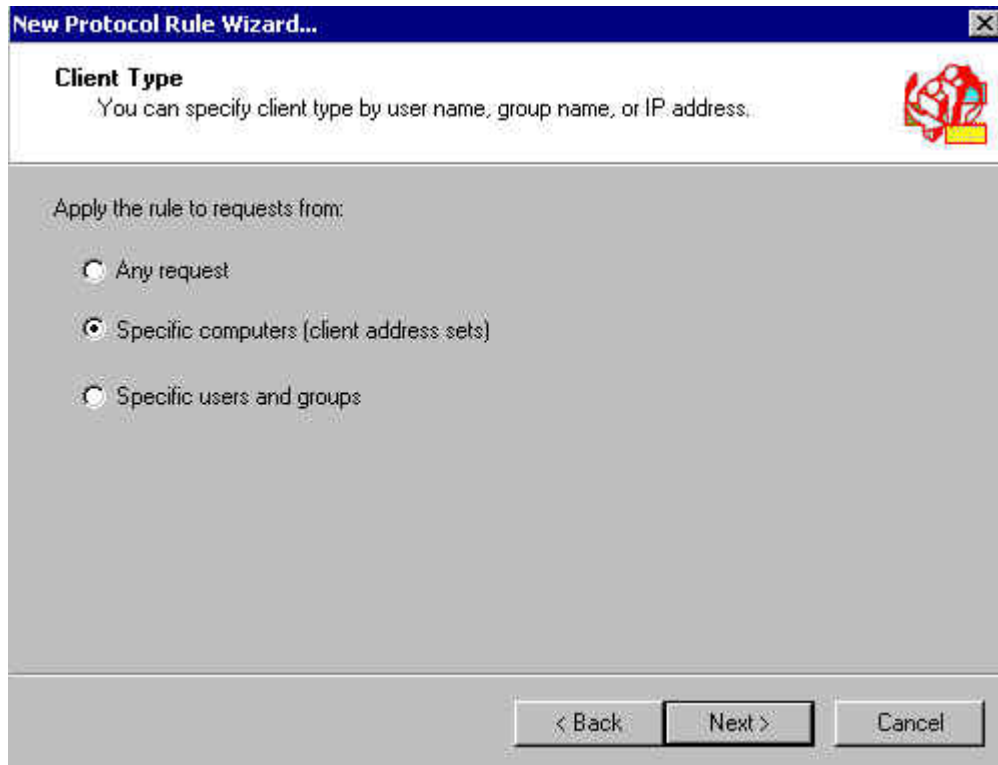
Select **ALWAYS** on the drop down option for 'Use this schedule", then click **NEXT**



The screenshot shows the 'New Protocol Rule Wizard...' dialog box, specifically the 'Schedule' step. The title bar reads 'New Protocol Rule Wizard...' with a close button. The main heading is 'Schedule' with a sub-instruction: 'Select a schedule for applying this rule.' Below this, there is a section 'Use this schedule:' with a dropdown menu currently set to 'Always'. Underneath, there is a 'Description:' label followed by an empty text box. At the bottom of the dialog, there are three buttons: '< Back', 'Next >', and 'Cancel'.

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Either select **ANY REQUEST** or input the Specific computer IP address where CAS lodges documents. Click **NEXT**.



The image shows a Windows-style dialog box titled "New Protocol Rule Wizard...". The main heading is "Client Type" with a sub-instruction: "You can specify client type by user name, group name, or IP address." Below this, there is a section "Apply the rule to requests from:" containing three radio button options: "Any request", "Specific computers (client address sets)" (which is selected), and "Specific users and groups". At the bottom of the dialog are three buttons: "< Back", "Next >", and "Cancel".

Check the details are correctly set-up and then click **FINISHED**.



The image shows the "New Protocol Rule Wizard" dialog box at its completion stage. The title is "Completing the New Protocol Rule Wizard". A message states: "You have successfully completed the New Protocol Rule Wizard. You created a protocol rule with the following configuration:". To the left of the configuration details is a graphic of a document with a red ribbon. The configuration details are: "Name: test", "Action: Allow", "Applies to the following protocols: Selected protocols EDGE", and "Schedule: Always". A vertical scrollbar is visible on the right side of the configuration list. At the bottom, there are three buttons: "< Back", "Finish", and "Cancel".

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Task 2 – Configuring CAS to correctly interact with the ISA

Start CAS

Go to **Administration / Setup / Agent/Presenter**

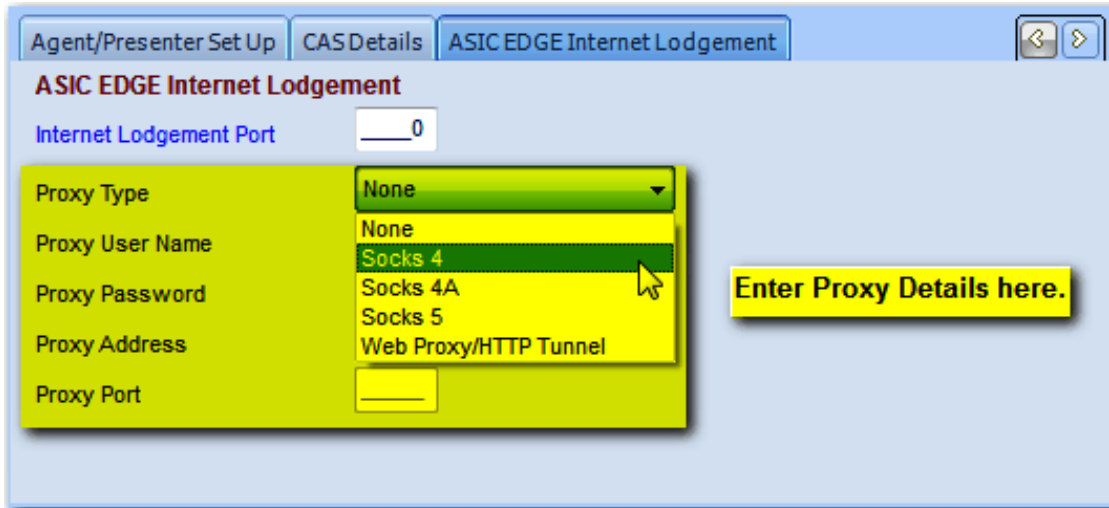
The screenshot shows a web browser window with the following content:

- Navigation tabs: Agent/Presenter Set Up, CAS Details, ASIC EDGE Internet Lodgement
- Section: **Agent / Presenter Details**
- Fields:
 - Number: 1234
 - Name: BGL CORPORATE SOLUTIONS PTY LTD
 - Address: SUITE 2, 606-608 HAWTHORN ROAD, BRIGHTON EAST, VIC, 31
 - Email: bgl@bglcorp.com.au
 - ABN: 11111111114
 - Agent forms Signatory: (with a red X icon)
- Section: **ASIC EDGE Login Details**
- Fields:
 - EDGE User ID: S00002
 - EDGE Password: Y123456
 - Date: 28/07/2011
 - EDGE Version: 0500
 - EDGE Machine: Primary Mailbox (dropdown menu)
 - ASIC Debit Account ?

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Edit the Agent (3rd icon on the toolbar)

Go to the **ASIC EDGE Internet Lodgement** tab



Internet Lodgement Port should be left as '0', as this is the local outbound port. It would only be changed if there is a firewall that requires it to be set to a specific port. Port '0' is for a port number assigned by the operating system.

Proxy Type needs to be 'Socks 4' unless you have used another 'Socks' protocol set up in ISA.

Proxy User Name – Input User name if required by the ISA server

Proxy Password – Input Password if required by the ISA server

Proxy Address needs to be ISA server IP address

Proxy Port is the Proxy default port '1080' unless different.

Task 3 – Configuring the firewall

The only configuration required for the firewall is opening up the firewall for outbound connections via TCP on port 5610.

edge1.asic.gov.au - primary mailbox (IP address 203.43.4.36)

edge2.asic.gov.au - secondary mailbox (IP address 203.202.5.10)

Agents are also advised to add a firewall exception for the host name as this will not change.

Users are advised not to use hardcoded IP addresses.

Should you have any further questions or queries, do not hesitate to call or email support on 1300 654 401 or support@bglcorp.com.au.