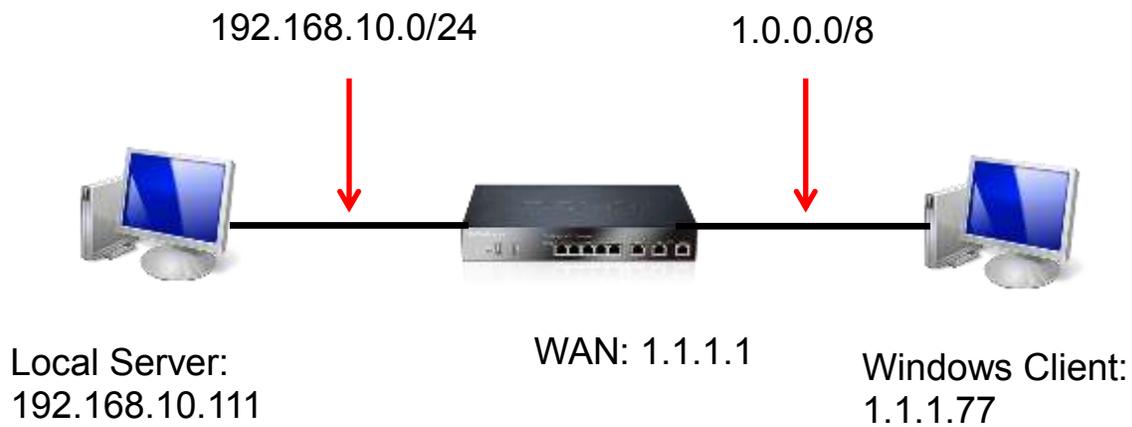


How to setup IPsec VPN between DFL and Windows 7



Introduction: Using Windows's built-in IPsec policy to establish an IPsec VPN with the DFL. In this document, it does not show the DFL's IPsec setting, but focus on the setting at the Windows side.

Step:

1. Using "MMC" to open manager console, and add the snap-ins of the IPsec policy
2. Add the new policy, here I add the policy called D-Link, and build two rules for outbound and inbound traffic.

2-1. Edit the ip filter list for both way.

The screenshot displays the Windows Firewall configuration interface for a 'D-Link' policy. The main window shows a table of IP Security rules:

IP Filter List	Filter Action	Authentication	Tunnel Setup
<input checked="" type="checkbox"/> Device to Client	Filter	Preshared Key	1:1
<input checked="" type="checkbox"/> Client to Device	Filter	Preshared Key	1:1
<input type="checkbox"/> <Dynamic>	Default response (aka...	Kerberos	<N>

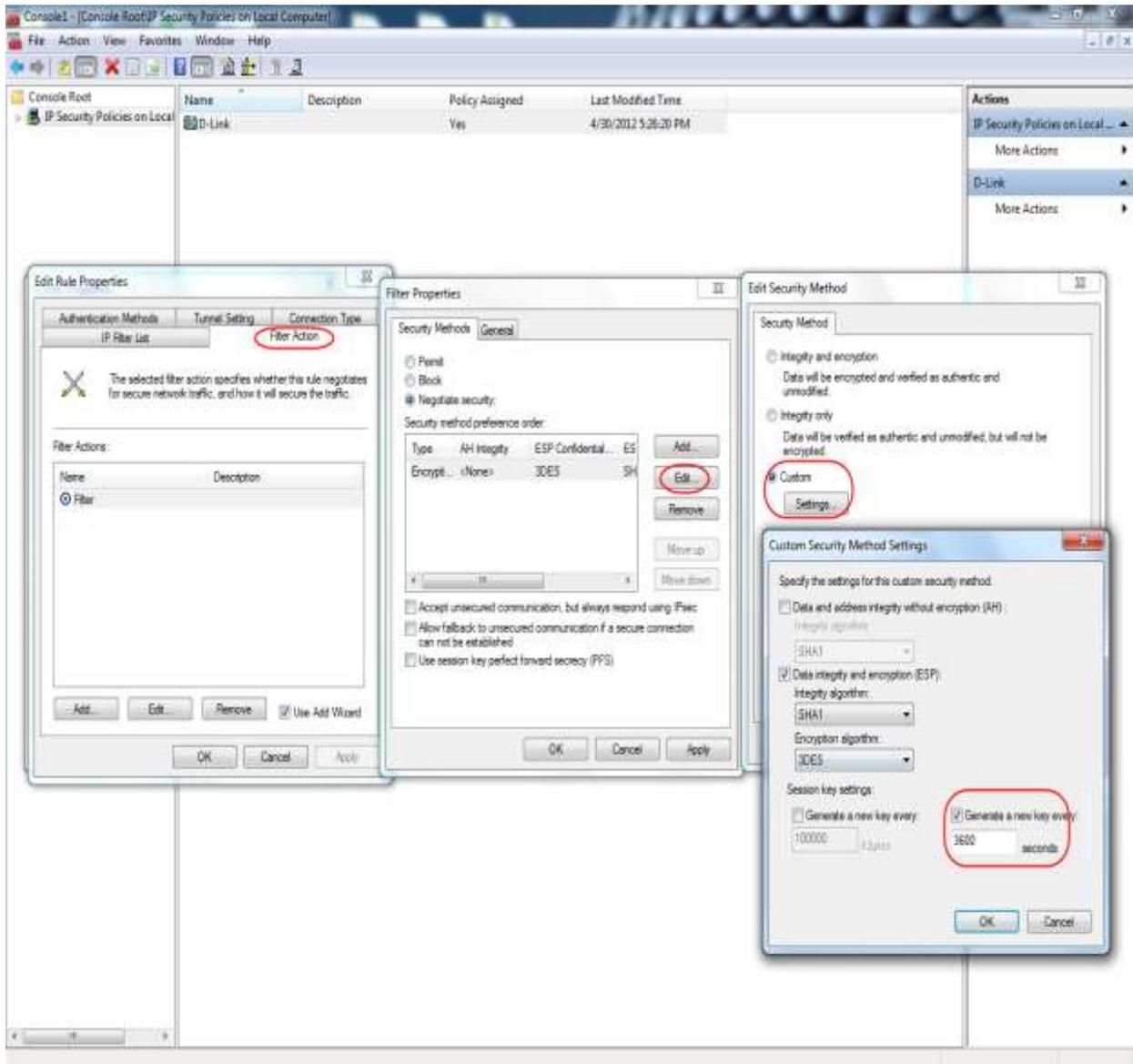
Red circles highlight the 'Device to Client' and 'Client to Device' rows. A red text annotation reads: "Need to set the parameter for both way".

The 'Edit Rule Properties' dialog is open, showing the 'IP Filter List' tab. The 'Name' field is set to 'Client to Device' (circled in red). The 'IP Filter List' table below shows:

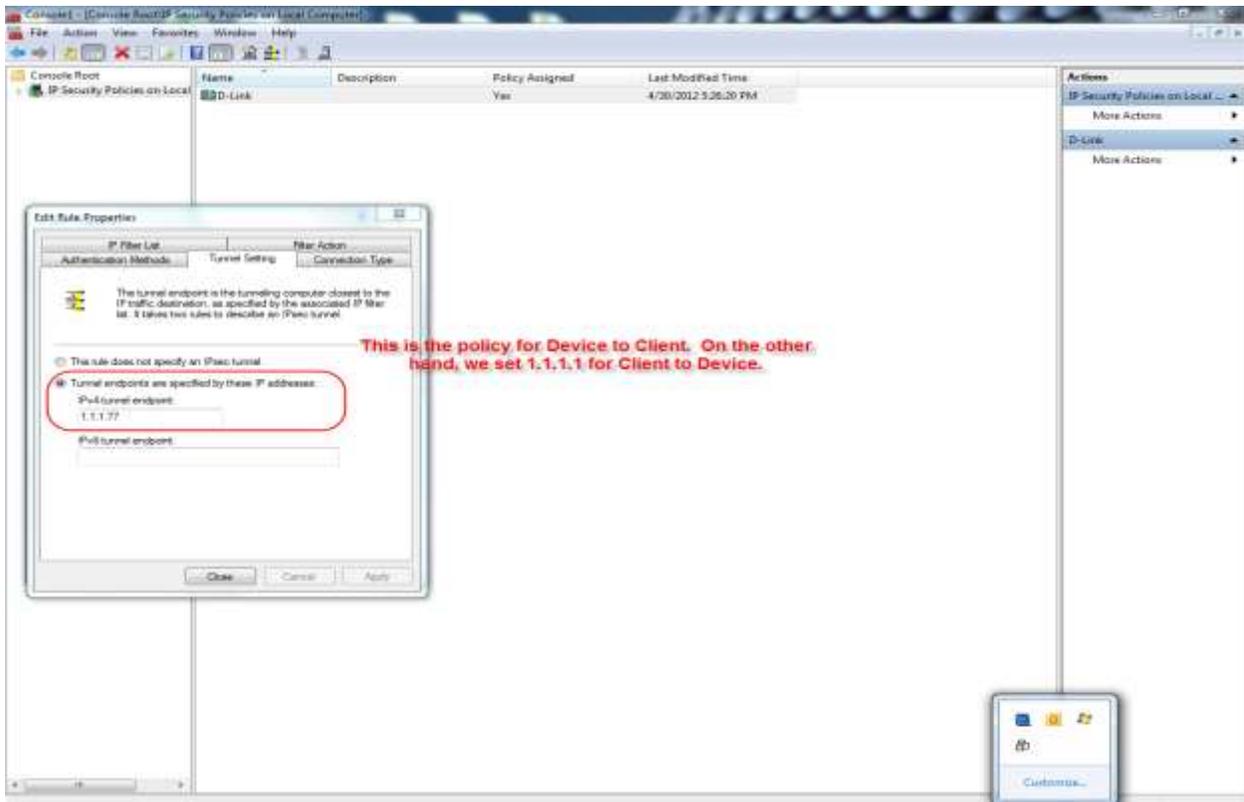
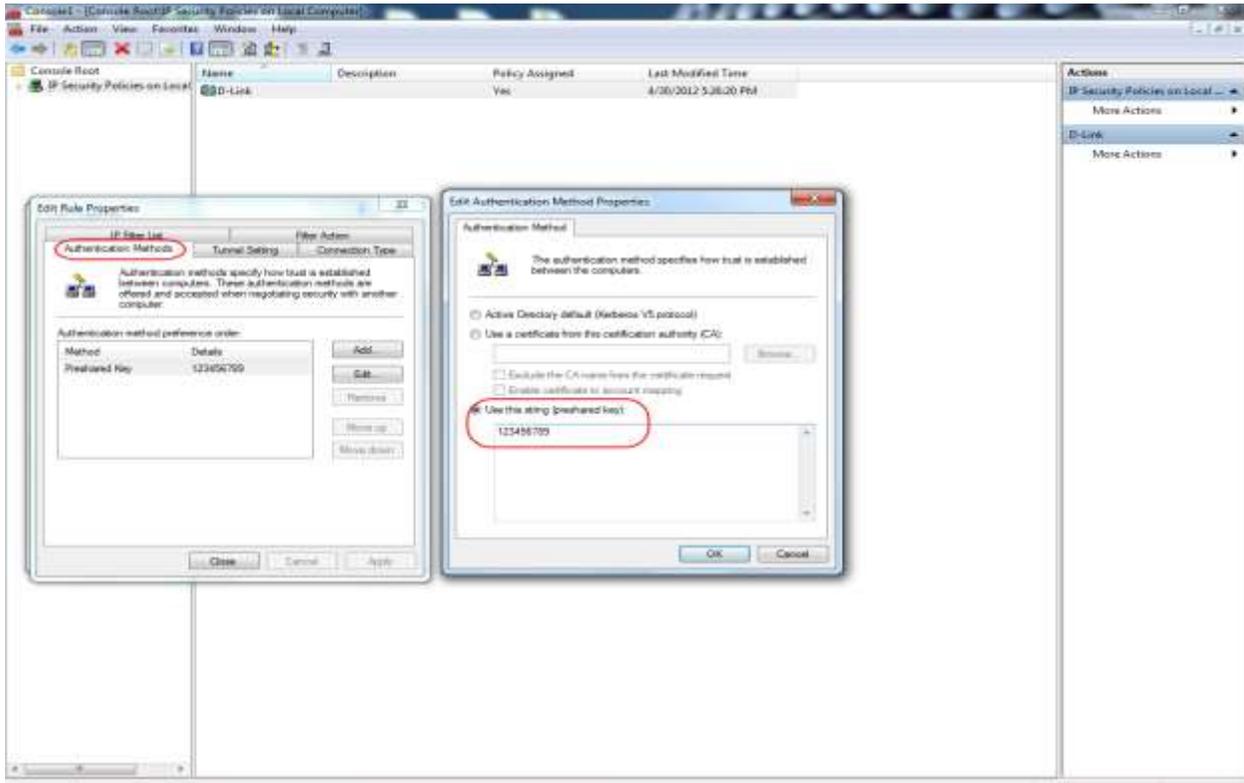
Name	Description	Source DNS Name	Source Address
Yes		<My IP Address>	<My IP Address>

The 'Edit' button is circled in red. The 'IP Filter Properties' dialog is also open, showing the 'Addresses' tab. The 'Source address' is set to 'My IP Address'. The 'Destination address' is set to 'A specific IP Address or Subnet', with the 'IP Address or Subnet' field containing '192.168.10.0/24' (circled in red). A 'Customize...' button is visible at the bottom right.

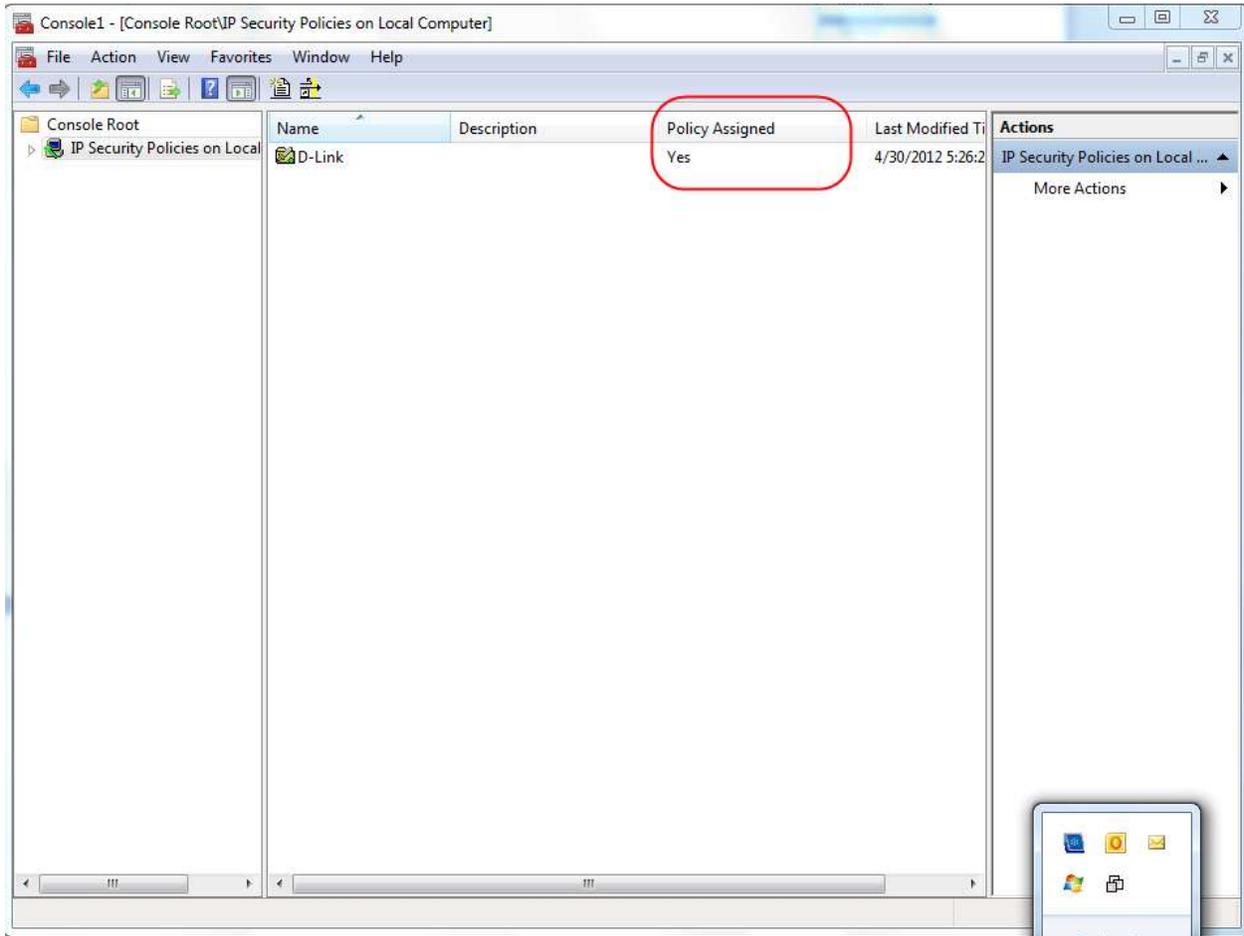
2-2. Edit the filter action. Notice: need to custom the “security method”, and check the ipsec sa lifetime 3600 sec.



2-3. Setting the “authentication method” and “tunnel setting”



3. Finally, assign the policy you made.



End of the document.