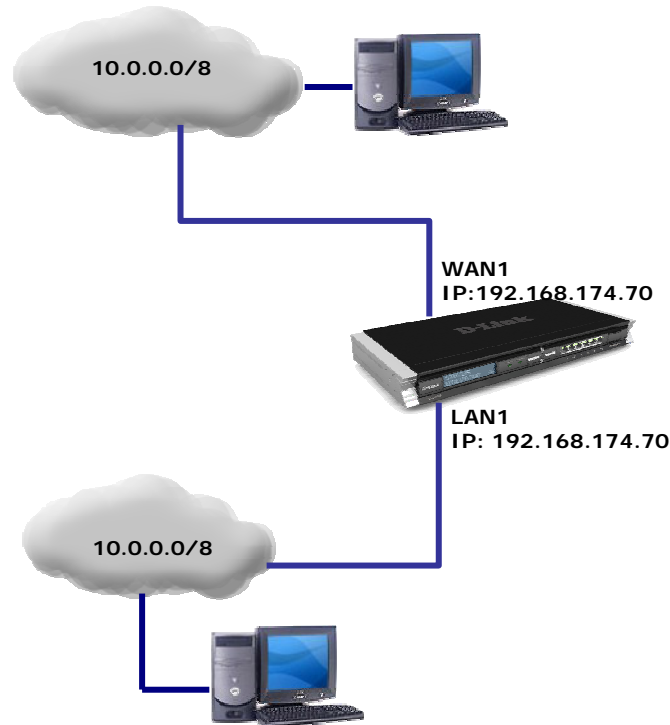
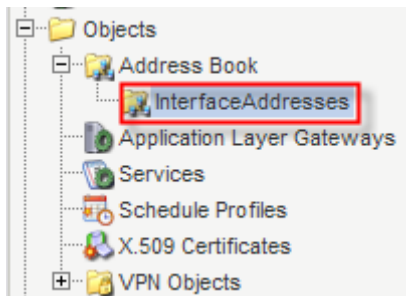


## How to set the DFL-210/800/1600 Firewall into Transparent Mode

You can implement a firewall in transparent mode without changing your existing network settings. You can set your firewall up to allow or deny specific service and traffic.



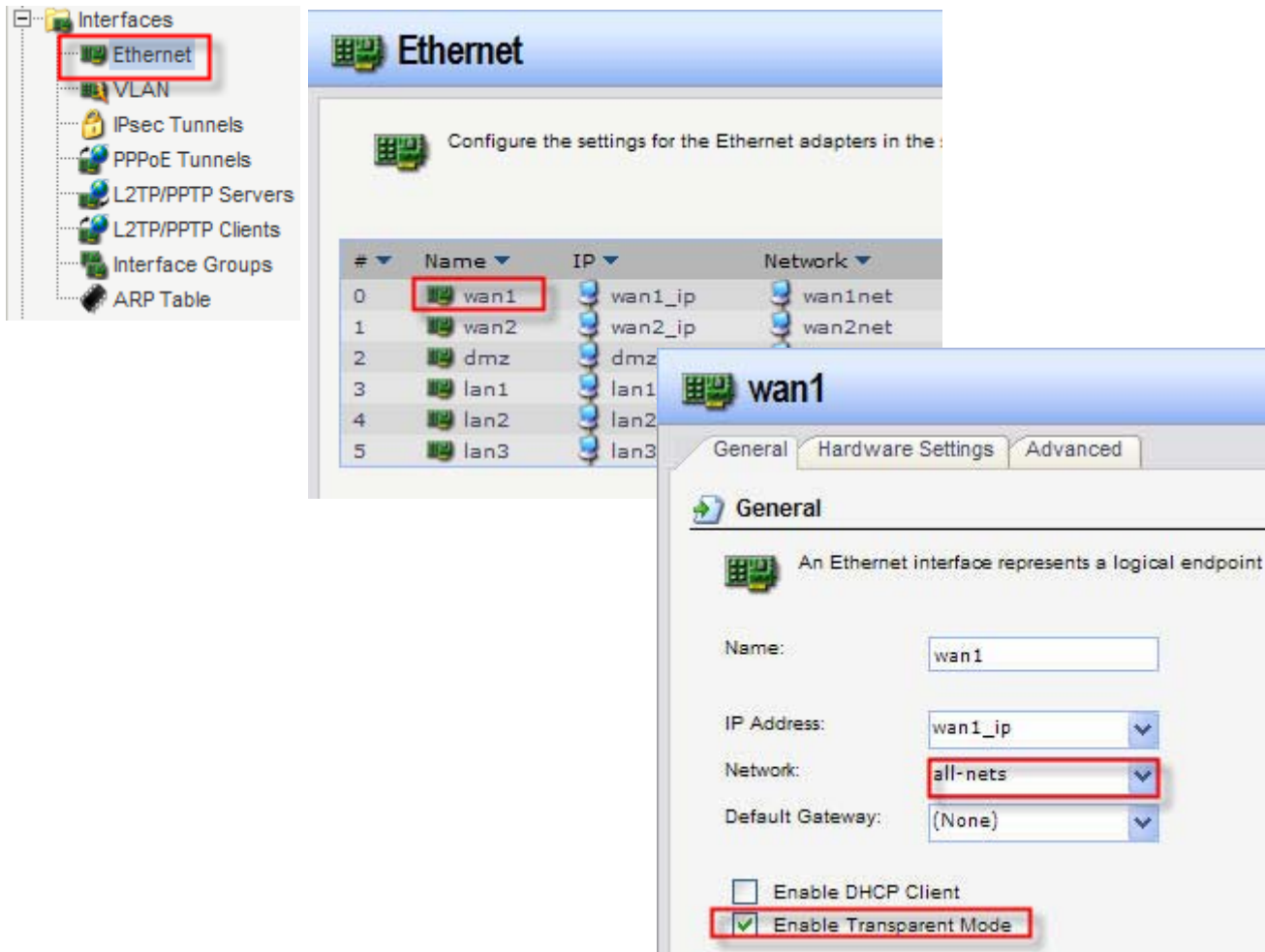
**Step 1.** Log into the firewall. Go to Objects > Address Book > Interface Addresses. Change both LAN and WAN interfaces to the same subnet and same IP. The IP addresses may not be the on the same subnet as the rest of the network.



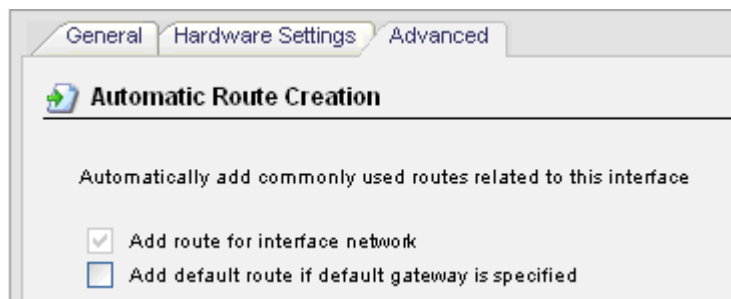
The screenshot shows the 'InterfaceAddresses' folder in the firewall's configuration interface. The table lists various interface addresses, with 'wan1\_ip' and 'lan1\_ip' highlighted in red.

#	Name	Address	UserAuthGroups	Comments
0	wan1_ip	192.168.174.71		
1	wan1net	192.168.174.0/24		
2	wan2_ip	192.168.120.254		
3	wan2net	192.168.120.0/24		
4	dmz_ip	172.17.100.254		
5	dmznet	172.17.100.0/24		
6	lan1_ip	192.168.174.71		
7	lan1net	192.168.174.0/24		
8	lan2_ip	192.168.2.1		
9	lan2net	192.168.2.0/24		
10	lan3_ip	192.168.3.1		
11	lan3net	192.168.3.0/24		

**Step 2.** Go to Interfaces > Ethernet > WAN. Set Network to 'All-Nets'. Enable the 'Transparent Mode' option.

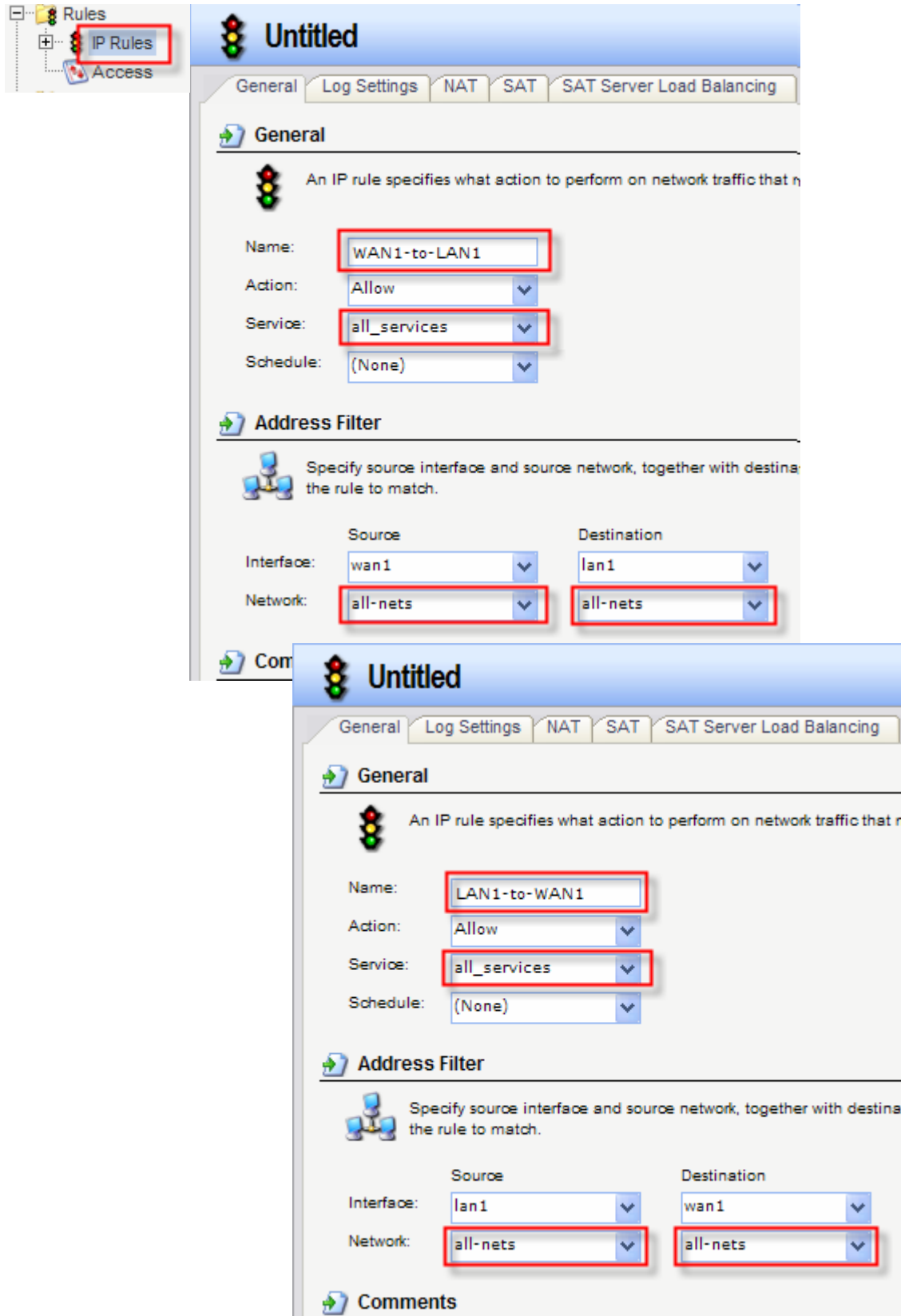


Click on Advanced tab. Disable the 'Add route for interface network' option.



**Step 3.** Repeat the above step for LAN interface: go to Interfaces > Ethernet > LAN. Set Network to 'All-Nets'. Enable the 'Transparent Mode' option. Click on Advanced tab. Disable the 'Add route for interface network' option.

**Step 4.** Go to Rules > IP Rules. Create new or modify existing WAN-to-LAN rule. Select the desired Action (e.g. 'Allow') and Services (e.g. 'All-Services'). Source: WAN/All-nets; Destination: LAN/All-nets. Repeat this step for LAN-to-WAN traffic.



**Step 6.** (Optional). To allow DHCP traffic to go through, create a DHCP relay.

Go to System > DHCP Settings > DHCP Relays. Add a new relay: under Action select 'Relay'; Source Interface - 'LAN';

The screenshot shows the D-Link web interface. On the left, a navigation tree under 'System' has 'DHCP Relays' highlighted with a red box. The main content area is titled 'lan1-to-wan1' and has tabs for 'General', 'Log Settings', 'Add Route', and 'Options'. The 'General' tab is active, showing a description: 'Use an DHCP Relay to dynamically alter the routing table according to relayed DHCP leases.' Below this are several configuration fields:

- Name: lan1-to-wan1
- Action: Relay (selected in a dropdown menu, highlighted with a red box)
- Source Interface: lan1 (selected in a dropdown menu)
- DHCP Server to relay to: wan1-gateway (selected in a dropdown menu, highlighted with a red box)
- Allowed IP offers from server: 1.0.0.0-223.255.255.255 (selected in a dropdown menu)

A red arrow points from the 'wan1-gateway' dropdown to the text: **Remote IP address of DHCP server**.

**Step 7.** In the top menu bar select Configuration > Save and Activate > OK.

The screenshot shows the D-Link web interface. The top navigation bar includes 'Home', 'Configuration', 'Tools', and 'Status'. The 'Configuration' menu is open, and 'Save and Activate' is highlighted with a red box. The 'Save Configuration' dialog box is displayed in the center, with the text: '? Are you sure you want to save the configuration?'. At the bottom right of the dialog, the 'OK' button is highlighted with a red box, and the 'Cancel' button is also visible.