DFL-210, DFL-800, DFL-1600 How To Setup The Firewall For Intertnet Access Example: Static IP With NAT Enabled

This setup example uses the following network settings:



Step 1. Log into the Firewall by opening Internet Explorer and typing the LAN address of the Firewall. In our example we are using 192.168.1.1. Enter Username and Password which you specified during the initial setup of the Firewall.



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DFL-210 Cobjects Cobjec	🙀 InterfaceAddresses					
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E- Contracts	0 3 lan_ip	192.168.1.1		IPAddress of interface Ian		
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Routing	4 use in	202 129 109 92		TDaddress of interface was		
IDS / IDP	5 avancet	202.129.109.64/27		The network on interface wan		
User Authentication	6 DHCP LAN pool	192,168,1,100-192,168,1,200		Range of IP addresses for DHCP on LAN		
Traffic Shaping	7 S DHCP LAN subne	t 255.255.255.0		Subnet mask for DHCP on LAN		
	8 S DNSserver1 IP	202.129.64.198		DNS Server address		
	9 9 DNSserver2 IP	4.2.2.2		DNS Server address		

Step 3. Click on "wan_ip" and under IP Address specify the IP address you want to set up on the WAN port. <u>Important:</u> It should be on a subnet different from your LAN subnet, e.g. not from the 192.168.1.x range. In our example it is 202.129.109.93.

Click on OK button when done.

Building Networks for People	Cools * Status *
DFL-210 Objects Address Book Application Layer Gateways Schedule Profiles Nobjects Rule	Wan_ip General General Use an IP4 Address item to define a name for a specific IP4 host, network or range. Name: wan_ip IP Address: 202.129.109.93 e.g: "172.10.50.6", "192.168.30.11", "192.168.7.0/24" and "172.10.25.10- 172.16.25.60" Comments IPAddress of interface wan OK Cancel

Step 4. Click on "wan_net" and under IP Address specify the subnet ID/Mask bits of the network on the WAN port. In our example it is 202.129.109.64/27 which represents a network with subnet mask 255.255.255.224. Click on OK button.

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	OK Cancel

Step 5. Add DNS server addresses. DNS addresses are normally provided by your ISP. Under InterfaceAddresses menu click on Add > IP4 Host/Network.



Under IP Address specify the IP address of the Primary DNS server.

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DFL-210 OSystem	General User Authentication	
Address Book Address Book Application Layer Gateways Schedule Profiles X.509 Certificates VPN Objects Rules Interfaces	General Image: Use an IP4 Address item to define a name for a specific IP4 host, network or range. Name: DNSserver1_IP IP Address: 202.129.64.198 e.g: *172.16.50.8*, *102.168.30.7, 192.168.30.11*, *102.168.7.0/24* and *172.16.25 Operation	5.10-
Routing S / IDP User Authentication Traffic Shaping	Comments Comments DNS Server address	<u> </u>



Step 6. Specify Default Gateway IP address for the WAN port. Under InterfaceAddresses menu click on Add > IP4 Host/Network and in the IP Address field enter the IP address of the Default Gateway. If you are connecting the WAN port of the firewall to another router, the Default Gateway will be the IP address of that router. Important: It should be on a subnet different from your LAN subnet, e.g. not from 192.168.1.x range.

D-Link Building Networks for People	Cogged in as administrator admin - 192.168.1.100
Home Configuration - X T	ools - Status - PLogout @Help
Objects Objects Address Book Application Layer Gateways Schedule Profiles X.509 Certificates Xrong VPN Objects Rules Interfaces	General S Second S Comments S
B B / DP B B / DP B B User Authentication B B B / B / DP Traffic Shaping	Comments: Default Gateway of the WAN interface OK Cancel

Step 7. Assign the settings to the WAN interface of your firewall. Go to Interfaces > Ethernet and click on WAN.

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L2TP/PPTP Clients L2TP/PPTP Clients Interface Groups					() Right-click o	n a row for further option:
ARP Table fing /IDP						
ffic Shaping						

Under IP Address select "wan_ip". Under Network select "wannet" and under Default Gateway select "WAN_gateway_IP".



Click on OK.

Step 8. Save the new configuration. In the top menu bar click on Configuration and select "Save and Activate".



Click on OK to confirm the new settings activation:



Wait 15 seconds for the Firewall to apply the new settings.

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