DFL-210, DFL-800, DFL-1600 How to Setup DHCP on the LAN Interface

This setup example uses the following network settings:



DHCP Server configuration steps:

Step 1. Log into the Firewall by opening Internet Explorer and typing the LAN address of the Firewall. In our example we are using 192.168.0.1. Enter Username and Password which you specified during the initial setup of the Firewall.

Step 2. Go to Objects > Address Book > Interface Addresses. Click on Add and select "IP address".

D-Link Building Networks for People				Loqqed in as administrator admin - 192.168.1.115	
- 🎨 Home 🛛 🔣 Configuration 🗸 🛛 👖 Too	ols 🗸 🛛 👩 Status 🗸 🛛 🍇 Ma	aintenance -		😚 Logout 🔤 🕜 Help	
DFL-210 DFL-210 Dojects Doj	An address folder or	SSES	ated address objects for b	etter overview.	
Authentication Objects	Ethernet address	Address 🔻	User Auth Groups 🔻	Comments 🔻	
E - Sullenceation objects E - Sulles	P address	172.17.100.254 172.17.100.0/24 192.168.1.1		IPAddress of interface dmz The network on interface dmz IPAddress of interface lan	
ter interfaces	🗟 lannet	192.168.1.0/24		The network on interface lan	
E Routing	PPTP-Server-IPAddres	PPTP-Server-IPAddress 192.168.1.2			
Emilia User Authentication	🖁 wan_br	0.0.0		Broadcast address for interface wan.	
E- 😥 Traffic Management	😽 wan_dns1	0.0.0		Primary DNS server for interface wan.	
	🗟 wan_dns2	0.0.0		Secondary DNS server for interface wan.	
	🦞 wan_gw	0.0.0.0		Default gateway for interface wan.	
	😼 wan_ip	0.0.0		IPAddress of interface wan	
	😽 wannet	0.0.0/0		The network on interface wan	
			(j) R	ight-click on a row for further options.	



Step 3. Give the new address entry a name, e.g. DHCP_Scope_LAN. Specify the range of IP addresses which you want to be used by DHCP (DHCP Scope), e.g. "192.168.0.100 – 192.168.0.200". Click on the OK button.

D-Link Building Networks for People	Cogged in as administrat admin - 192.168.0	or 0.2
🔮 Home 🛛 👼 Configuration 👻 🍟 To	ols 🗸 😌 Status 👻 😕 Logout	Help
DFL-210 System System Solution Construct Management Construct Management Construct Receivers Construct Rece	Vitited General Seneral Seneral <td< td=""><td>5 cel</td></td<>	5 cel

Step 4. Under Interface Addresses add another "IP address" for the DHCP Subnet Mask. Give the new address entry a name, e.g. DHCP_Subnet_LAN. Specify the subnet mask which is used on your LAN, e.g. "255.255.255.0". Click on the OK button.

D-Link Building Networks for People	Cogged in as administrator admin - 192.168.0.2
Mome Configuration V To DFL-210 DFL-2	Ols Status Qeneral User Authentication General User Authentication General User an IP4 Address item to define a name for a specific IP4 host, network or range. Name: DHCP_LAN_Subnet IP Address: 255.255.255.0 e.g: "172.16.60.8", "102.168.30.7, 102.168.30.11", "192.168.7.0/24" and "172.16.25.10-172.16.25.50" Comments: Subnet mask for DHCP Server on LAN Subnet mask for DHCP Server on LAN
E-Co VPN Objects	OK Cancel



Step 5. Go to System > DHCP Settings > DHCP Servers. Click on Add and select "DHCP Server".



Step 6. Specify a name for your DHCP server, e.g. DHCP_LAN. Select Interface Filter as "LAN" (the LAN interface of your Firewall). Under IP Address Pool select the "DHCP_Scope_LAN" and under Netmask the select "DHCP_LAN_Subnet" (these are the address entries which you have created before in Steps 3 and 4).

D-Link Building Networks for People	Cogged in a	as administra dmin - 192.168	itor 10.2
🔮 Home 🛛 🚍 Configuration 👻 🛛 🏭 Too	ils 🗸 📔 🤩 Status 🗸	🖉 Logout	() Help
DFL-210 System Dete and Time DNS Remote Management DHCP Settings DHCP Settings DHCP Setvers DHCP Relays Misc. Clients Advanced Settings Coljects Services Schedule Profiles Schedule Profiles	General Options Custom Options Log Settings Image: Comments: DHCP_LAN Interface Filter: Ian Ian IP Address Pool: DHCP_Scope_LAN Image: DHCP_LAN_Subnet Image: DHCP_LAN_Subnet Image: DHCP_LAN_Subnet Image: DHCP_LAN_Subnet Image: DHCP_LAN_Subnet	DHCP clients	<u>5</u>



Step 7. Click on Options tab and under Default GW select "LAN_IP" (the IP of the LAN interface of your Firewall). Specifying the Domain name is optional. Under Primary and Secondary DNS select the DNS Server addresses which you should have entered in the Address Book before. The DNS addresses should be provided by your ISP. Click on the OK button.

D-Link Building Networks for People		Cogged in as administrator admin - 192.168.0.2
Sector Home 🗧 Configuration 👻 🌃 To	ools 🗸 🗌 🥹 Status 🗸	😕 Logout 🕜 Help
DFL-210 System Date and Time DNS Remote Management Log and Event Receivers DHCP Servers DHCP Servers DHCP Relays Misc. Clients Advanced Settings Advanced Settings Advanced Settings Advanced Settings Services Schedule Profiles Schedule Profiles Children Schedule Profiles	General General General General General General Composition of the second	ameters to hand out to DHCP olients



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:

Home Configuration V Tools V Status V Coordination PFL-210 Save Configuration Option Date and Time Save Configuration Option Date and Time Are you sure you want to save the configuration? An administrator needs to log in within 180 seconds to verify the new configuration. Otherwise the unit will assume that you accidentally looked yourself out, and revert to its previous configuration. OHCP Settings OHCP Relays Misc. Clients Advanced Settings Address Book Address Book Address Book Address Book Address Book Address Profiles	ut ()Help

Wait 15 seconds for the Firewall to apply the new settings. Your DHCP Server configuration is now completed.

