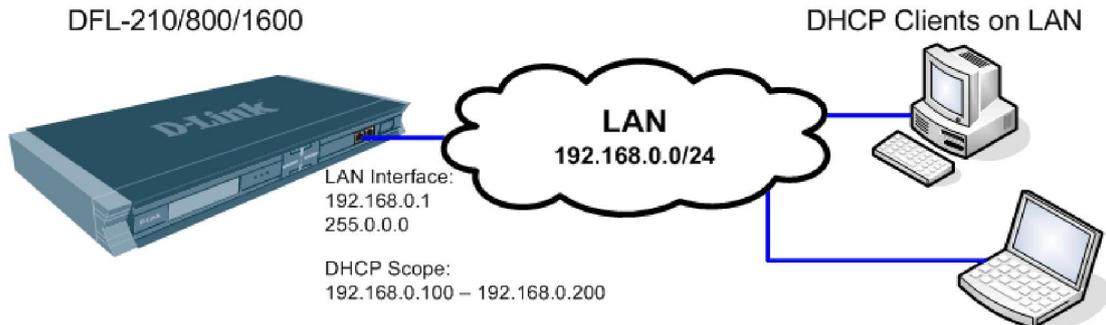


DFL-210, DFL-800, DFL-1600 How to Setup DHCP on the LAN Interface

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

Logged in as administrator
admin - 192.168.1.115

Home Configuration Tools Status Maintenance Logout Help

DFL-210

- System
- Objects
 - Address Book
 - InterfaceAddresses**
 - ALG
 - Services
 - Schedules
 - Authentication Objects
- VPN Objects
- Rules
- Interfaces
- Routing
- IDP / IPS
- User Authentication
- Traffic Management

InterfaceAddresses

An address folder can be used to group related address objects for better overview.

Edit the settings for this object

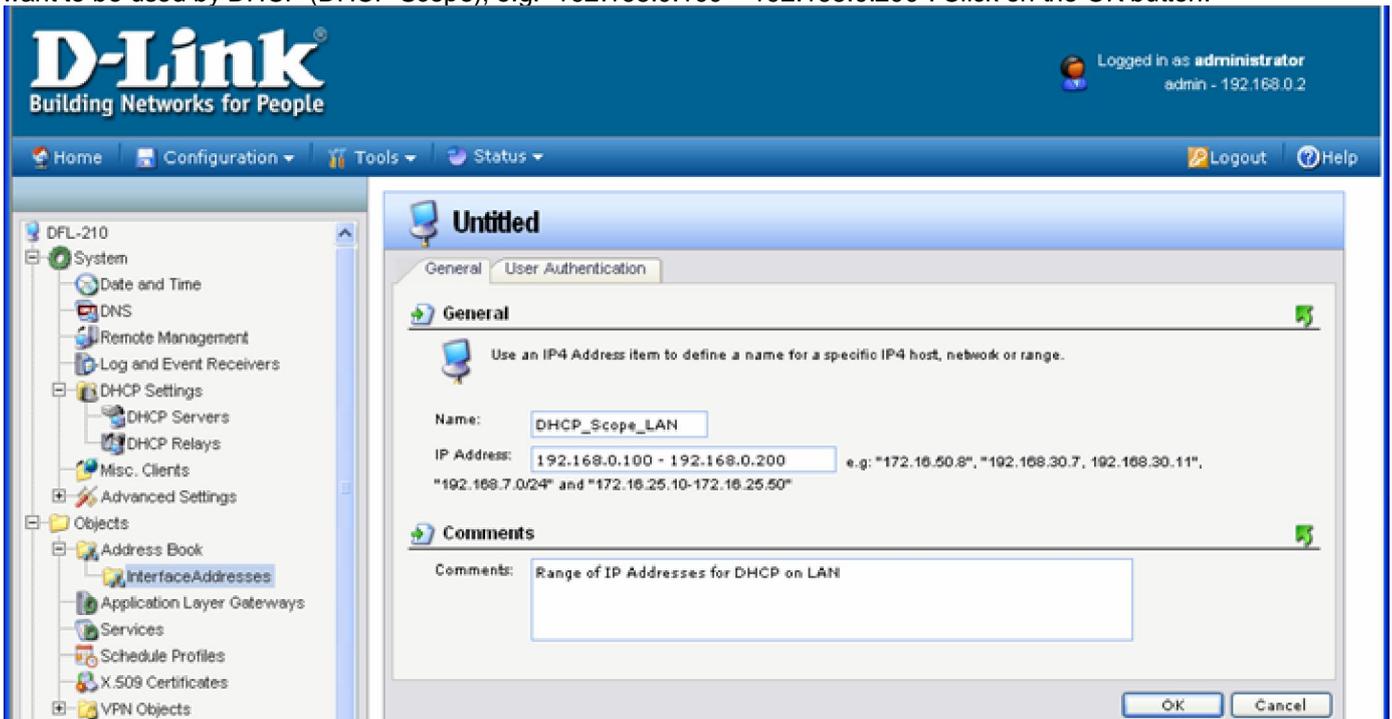
Add

- Ethernet address
- Ethernet address group
- IP address**
- IP4 group

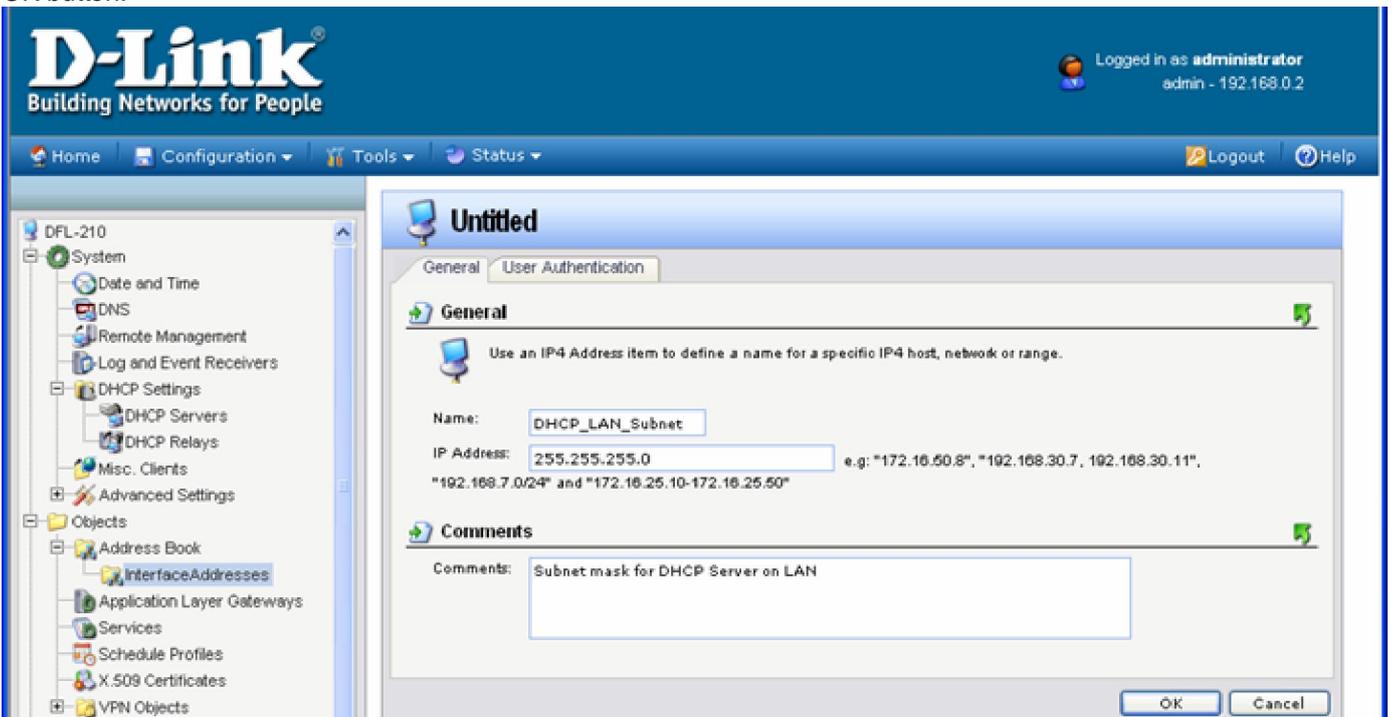
	Address	User Auth Groups	Comments
IP address	172.17.100.254		IPAddress of interface dmz
IP address	172.17.100.0/24		The network on interface dmz
IP4 group	192.168.1.1		IPAddress of interface lan
lanet	192.168.1.0/24		The network on interface lan
PPTP-Server-IPAddress	192.168.1.2		
wan_br	0.0.0.0		Broadcast address for interface wan.
wan_dns1	0.0.0.0		Primary DNS server for interface wan.
wan_dns2	0.0.0.0		Secondary DNS server for interface wan.
wan_gw	0.0.0.0		Default gateway for interface wan.
wan_ip	0.0.0.0		IPAddress of interface wan
wannet	0.0.0.0/0		The network on interface wan

Right-click on a row for further options.

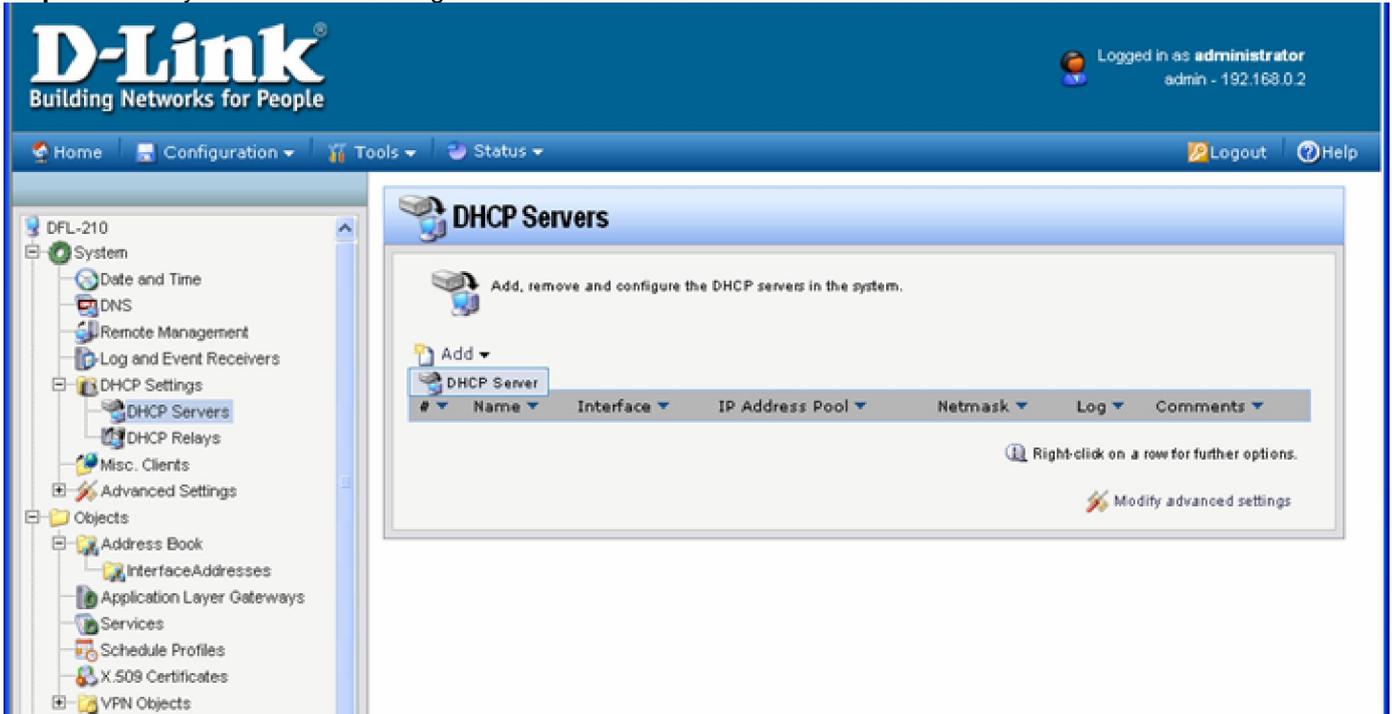
Step 3. Give the new address entry a name, e.g. DHCP_Scope_LAN. Specify the range of IP addresses which you want to be used by DHCP (DHCP Scope), e.g. "192.168.0.100 – 192.168.0.200". Click on the OK button.



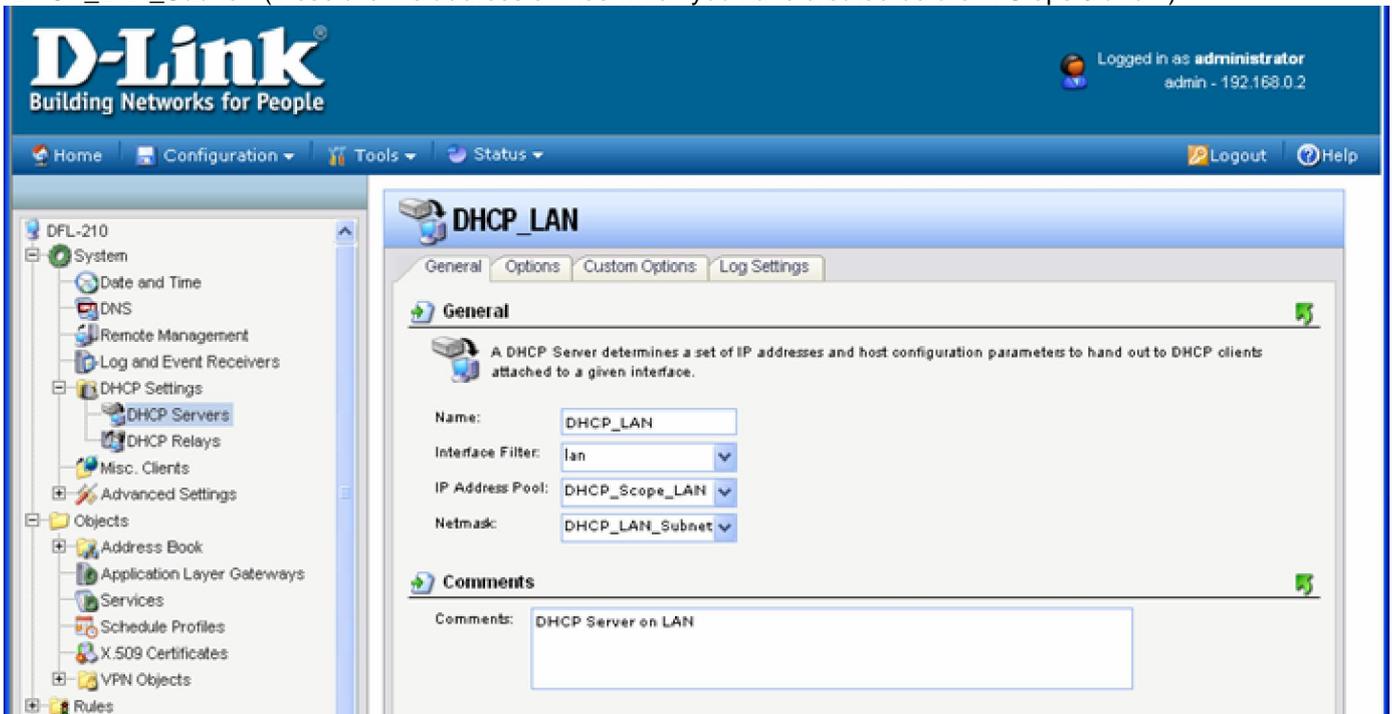
Step 4. Under Interface Addresses add another "IP address" for the DHCP Subnet Mask. Give the new address entry a name, e.g. DHCP_Subnet_LAN. Specify the subnet mask which is used on your LAN, e.g. "255.255.255.0". Click on the OK button.



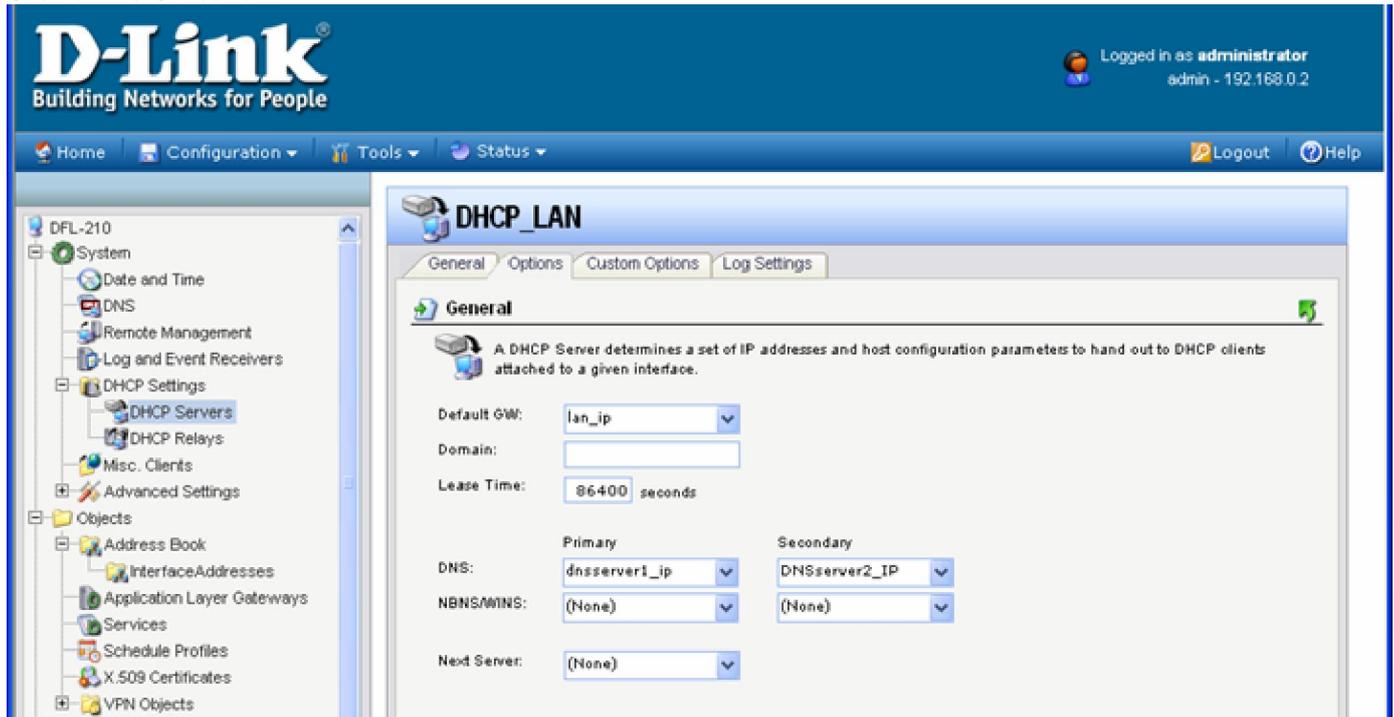
Step 5. Go to System > DHCP Settings > DHCP Servers. Click on Add and select “DHCP Server”.



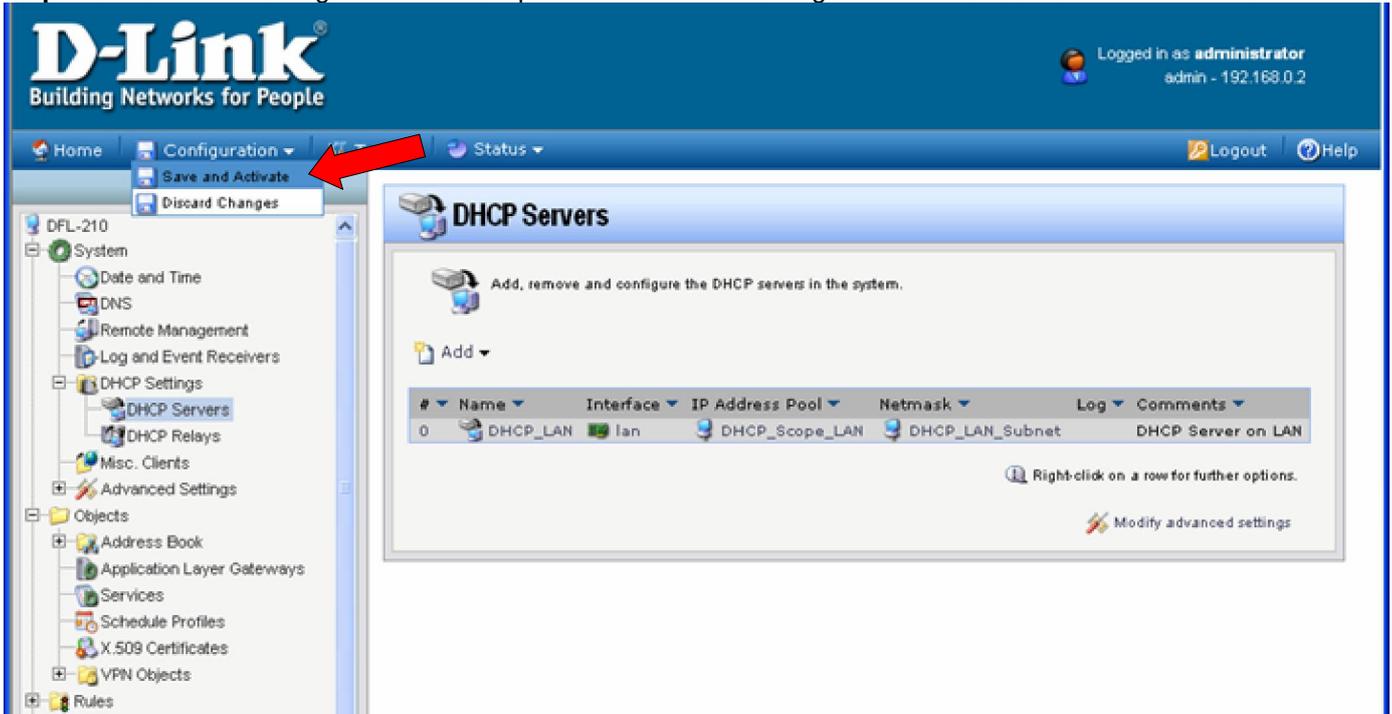
Step 6. Specify a name for your DHCP server, e.g. DHCP_LAN. Select Interface Filter as “LAN” (the LAN interface of your Firewall). Under IP Address Pool select the “DHCP_Scope_LAN” and under Netmask the select “DHCP_LAN_Subnet” (these are the address entries which you have created before in Steps 3 and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



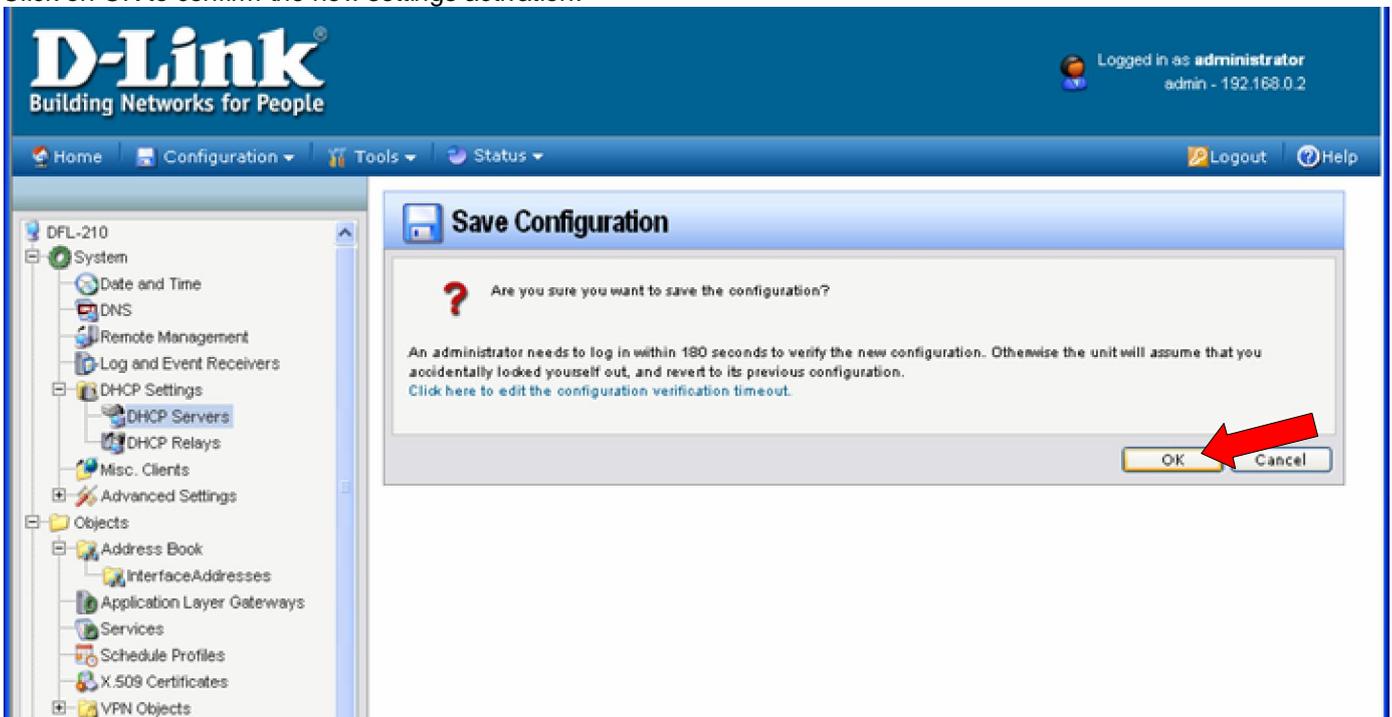
Step 7. Click on Options tab and under Default GW select “LAN_IP” (the IP of the LAN interface of your Firewall). Specifying the Domain name is optional. Under Primary and Secondary DNS select the DNS Server addresses which you should have entered in the Address Book before. The DNS addresses should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



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. Your DHCP Server configuration is now completed.