

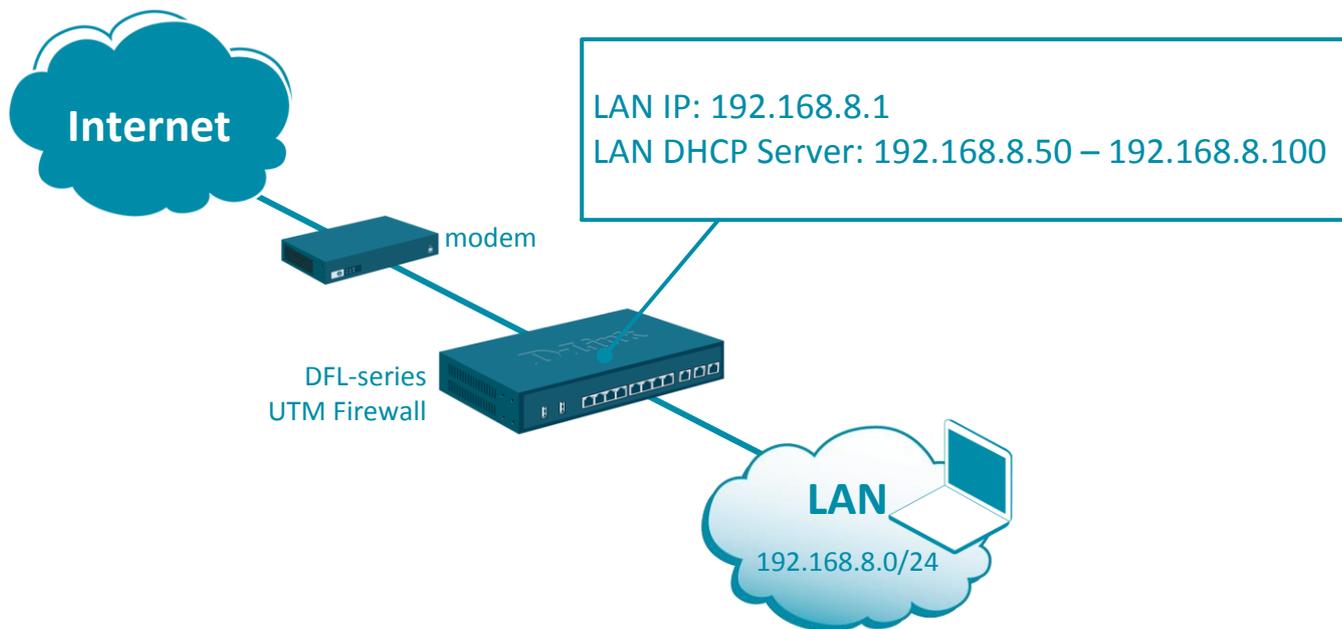
# **NETDEFEND**

## Configuration examples for the D-Link NetDefend Firewall series



### How to enable DHCP service on LAN

This configuration example is based on the following setup:



**Step 1.** Log into the firewall. The default access to LAN is via <https://192.168.10.1>. Default username is “admin” and password is “admin”.

**Step 2.** Go to Objects > Address Book. Add objects (IP addresses) for:

DHCP IP Range (e.g. 192.168.8.50-192.168.8.100)

DHCP Subnet Mask (e.g. 255.255.255.0)

Default Gateway (e.g. 192.168.8.1)

DNS 1 (e.g. 4.2.2.3)

DNS 2 (e.g. 61.88.88.88).

		Status	System	Objects	Network	Policies
▼ General						
Address Book						
Services						
ALG						
Key Ring						
▼ Address Pool						
IP Pools						
NAT Pools						
#	Name	Address				
1	DHCP_Range	192.168.8.50-192.168.8.100				
2	DHCP_Mask	255.255.255.0				
3	DHCP_GW	192.168.8.1				
4	DHCP_DNS1	4.2.2.3				
5	DHCP_DNS2	61.88.88.88				

**Step 3.** Go to Network > Network Services > DHCP Servers.

Add a new DHCP Server.

Specify the interface (LAN), IP address pool and Subnet Mask.

The screenshot shows the 'Network Services' configuration page for a DHCP server. The 'General' tab is selected. A red box highlights the following fields:

- Name: DHCP\_on\_LAN
- Interface Filter: lan
- Relay Filter: 0.0.0.0/0
- IP Address Pool: DHCP\_Range
- Netmask: DHCP\_Mask

The left sidebar shows a tree view with 'DHCP Servers' selected under the 'DHCP' category. The top navigation bar includes 'Status', 'System', 'Objects', 'Network', and 'Policies'. Below it are 'Interfaces and VPN', 'Routing', and 'Network Services'.

Go to **Options** and specify the Default Gateway and DNS Servers.

The screenshot shows the 'Options' tab of the DHCP server configuration. A red box highlights the following fields:

- Default GW: DHCP\_GW
- DNS: DHCP\_DNS1 (Primary) and DHCP\_DNS2 (Secondary)

Other visible fields include:

- Domain: (empty)
- Lease Time: 86400 seconds
- NBNS/WINS: (None)
- Next Server: (None)

The 'General' and 'Log Settings' tabs are also visible at the top of the configuration window.

**Step 4.** After the configuration is done, click “Configuration” in main bar and select “Save and Activate”. Then click OK to confirm. Wait for 15 sec. You will be automatically redirected to the firewall’s LAN IP address.

**NOTE:** If you do not re-login into the firewall within 30 sec, the configuration is reverted to its previous state. The validation timeout can be adjusted under System > Remote Management > Advanced Settings.

