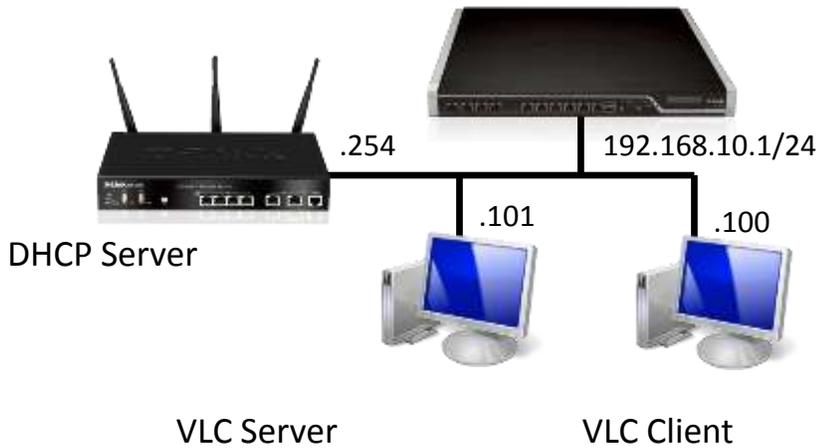


How to setup DHCP and multicast on DFL-2560

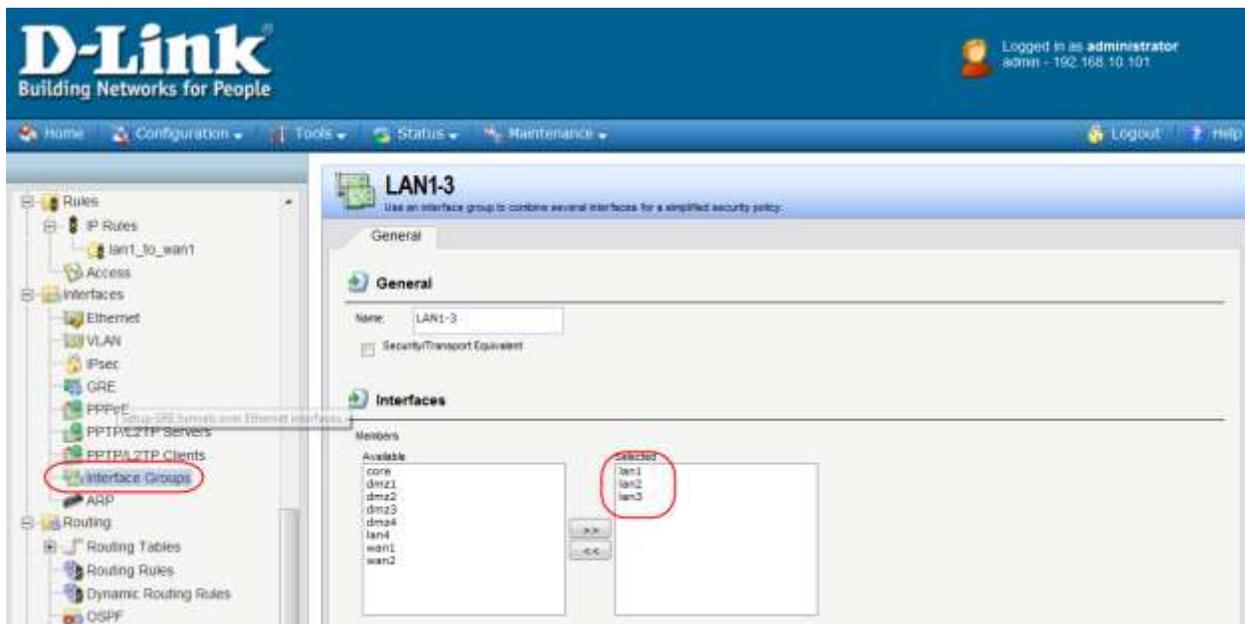


Introduction:

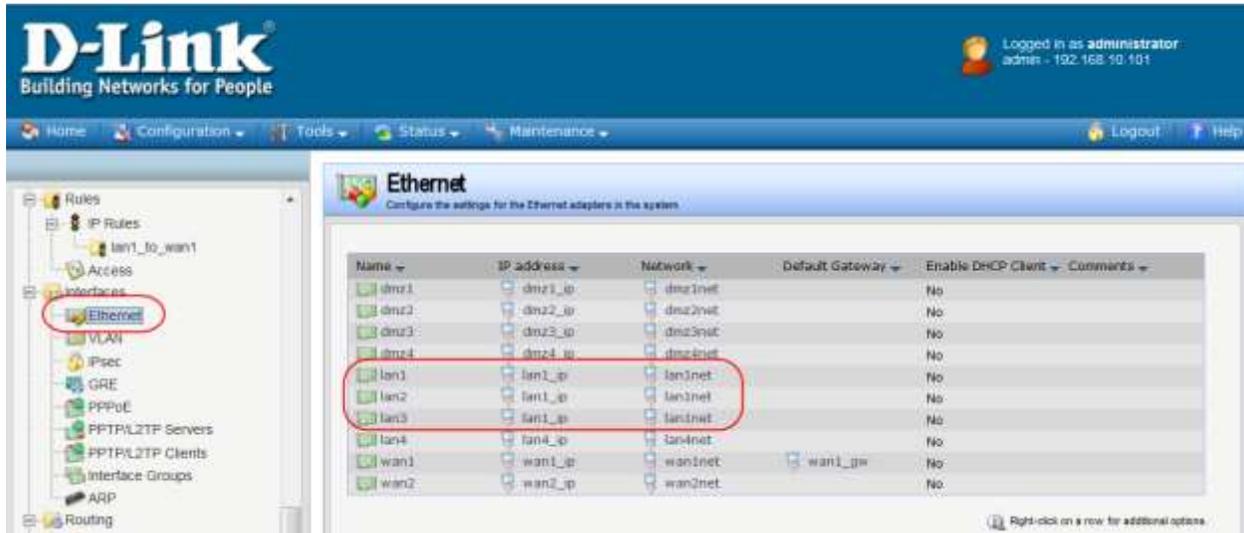
The DHCP and multicast server is normal setting for the usual topology, and this document introduce the setup for the topology posted above, and the goal is VLC client should get the IP from the DHCP, and see the VLC video. In this topology, it's based on the transparent mode.

Step:

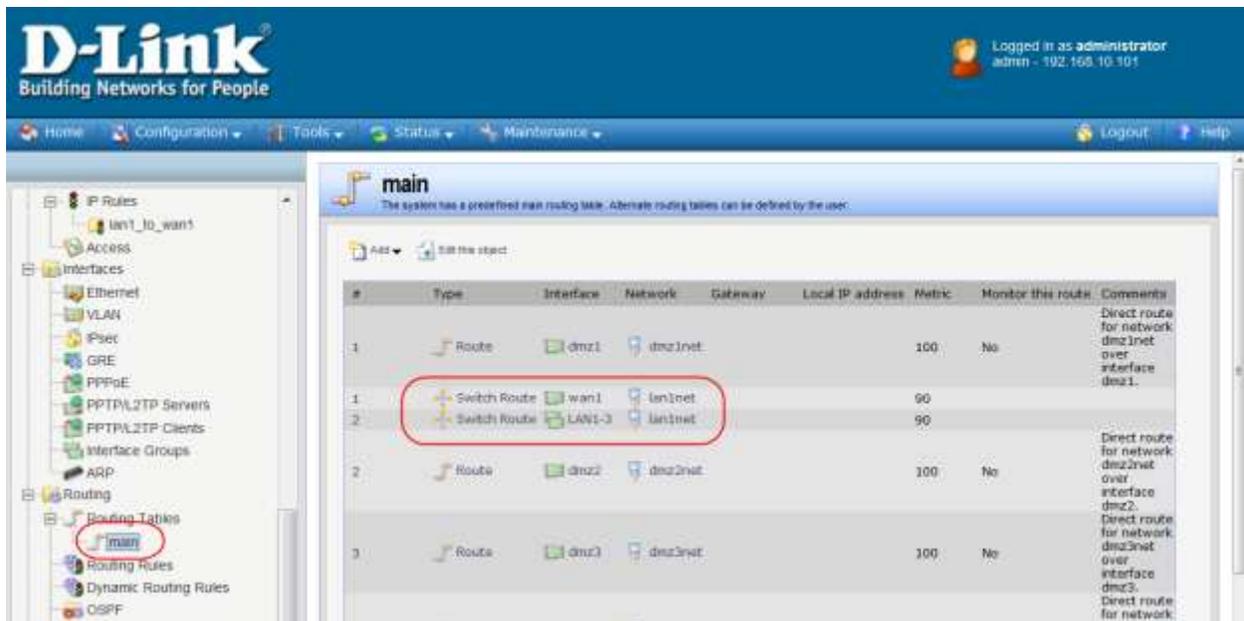
1. Group the LAN1,2&3 to one interface, for DSR(DHCP), VLC server and client.



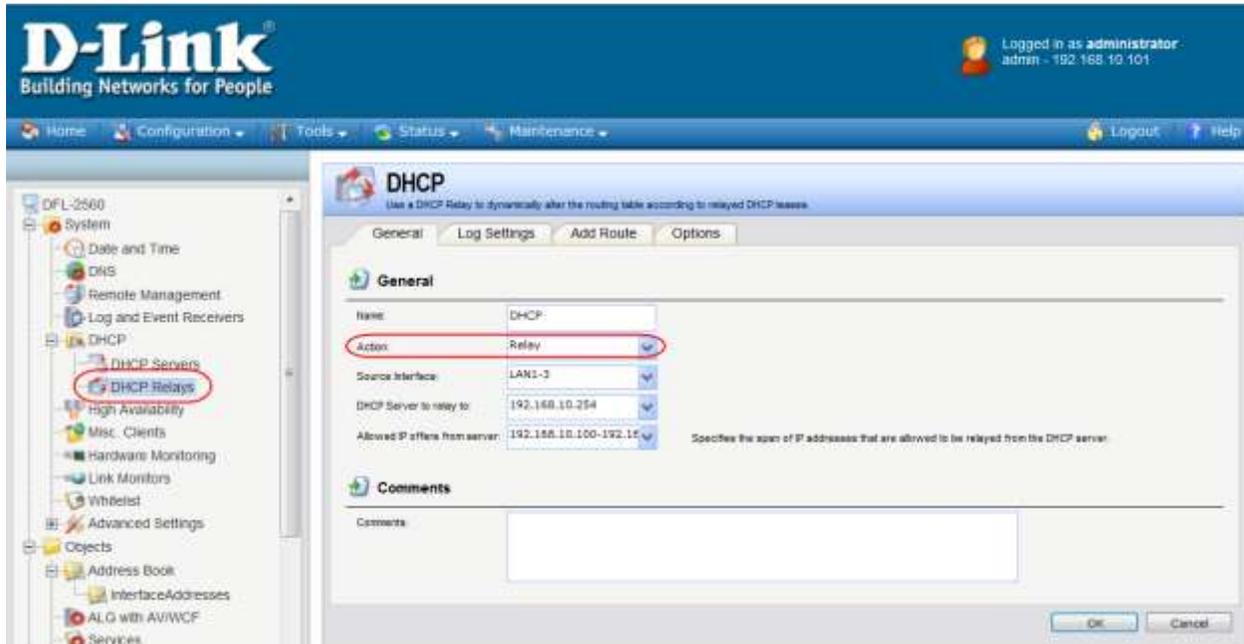
2. Change the Ethernet information for interface LAN1,2&3



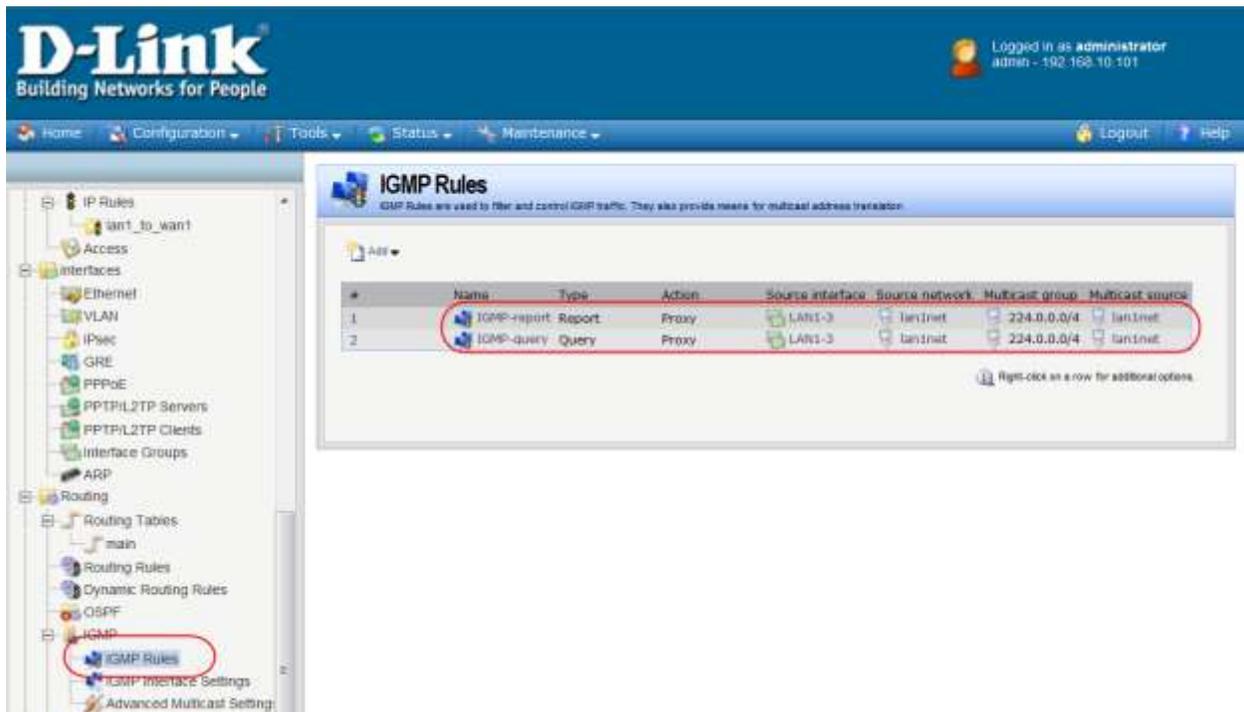
3. Set the "Switch Route" for transparent mode's interface.



4. Set the DHCP relay to DSR, DHCP server.



5. Set the IGMP Rules for report and query pass through.



6. Set the IP rules for IGMP rules, 1 multiplexSAT and 1 allow, and the rule for LAN.

The screenshot shows the D-Link web interface. The top navigation bar includes 'Home', 'Configuration', 'Tools', 'Status', and 'Maintenance'. The user is logged in as 'administrator' with IP '192.168.10.101'. The left sidebar shows a tree view with 'IP Rules' selected and circled in red. The main content area displays a table of IP Rules. A red circle highlights the first two rows of the table, which are labeled '1, and 2, for IGMP rule' in red text above them.

	Name	Action	Src. If	Src. Net	Dest. If	Dest. Net	Service
1	IGMP-report-SAT	MultiplexSAT	LAN1-3	lan1net	core	224.0.0.0/4	all_services
2	IGMP-report-allow	Allow	LAN1-3	lan1net	core	224.0.0.0/4	all_services
3	LAN1-3	Allow	LAN1-3	all-nets	LAN1-3	all-nets	all_services
4	ping_fw	Allow	LAN1-3	lan1net	core	lan1_ip	all_icmp
5	lan1_to_wan1						

End of the Document