DFL-800/1600/2500 How to setup Load Sharing between WAN ports

This setup is only applicable to firewalls with multiple WAN ports.

Certain traffic (certain applications or/and from certain group or IP addresses) can be redirected through to the additional WAN port(s) (WAN2, WAN3). These ports can also be used as backup connections for the primary Internet link on WAN1.

The below steps describe the configuration where certain traffic (FTP) from certain group of IP's is being redirected through WAN2. WAN2 is also set up as failover link for WAN1.



Step 1. Log into the firewall. Configure both WAN ports in accordance with the Internet connection requirements.

Step 2. Go to Objects > Address Book > Interface Addresses. Create a new object describing the specific IP addresses on LAN1 which will use WAN2 for FTP traffic (LAN1-Specific-IPs).



Step 3. Go to Routing > Policy-based Routing Tables. Add a new Table "WAN2-Load-Sharing". Set its Ordering as "First".



Step 4. In the new table add a new route for WAN2. Set its Metric to 70. Under "Monitor" tab select the "Monitor This Route" option. Under "Method" select both "Monitor Interface Link Status" and "Monitor Gateway Using ARP Lookup".

Seneral Proxy AR	P Monitor	
General		
🖰 A route defi	nes what interface an	d gatew.
nterface:	wan2	~
nterface: Network:	wan2 all-nets	*
Interface: Network: Sateway:	wan2 all-nets wan2-gateway	* *

Route					
General Proxy ARP Monitor					
Monitoring for Route Failover					
The health of a route may be monitored for					
Monitor This Route					
Method					
Monitor Interface Link Status Monitor Gateway Using ARP Lookup Manual ARP Lookup Interval					
1000					

Step 5. Go to Routing > Policy-based Routing Policy. Add a new Rule which will send FTP traffic from LAN1 to WAN2. Select "WAN2-Load-Sharing" as a Forward Table. Return Table - Main. Service - FTP-Outbound. Source Interface set as LAN1, Source Network – "LAN1-Specific-IPs". Destination Interface set as "WAN1-WAN2 group".

	le.					
Main Routing Tab	iting Tables					
Policy-based Rou	ting Palicy					
Dynamic Pouting	Policy					
	Folicy					
USPF Processes	Specific	-traffic-to-wan1				
	S obcours	dunio to marri				
	General				5	
		where d Pauline Pule farm	a the use of collies have	ad equiting tables in the ferroral and/or ratio	a direction of traffic on a connection	
	The 'or	dering' parameter of the po	licy-based routing tabl	e determines if the router is consulted befor	e or after the main routing table.	
	Name:	an an i Gan bar (Gan bar san an	i i			
	Forward Table	wan2-load-charing				
	Return Table:	wanz-load-sharing				
	Netom Fable.	<main></main>				
	Service:	ftp-outbound	•			
	Schedule:	(None)	•			
	Address Filter					
	Address Fill				r)	
	Specify for the	source interface and source	e network, together wit	n the destination interface and destination i	network. All parameters have to match	
	3-3-					
		Source	Destination			
	Interface:	lan1 🗸	wan1-wan2	×		
	Network:	lan1-specific-IPadd 🗸	all-nets	*		

Step 6. In the top menu bar select Configuration > Save and Activate > OK.

