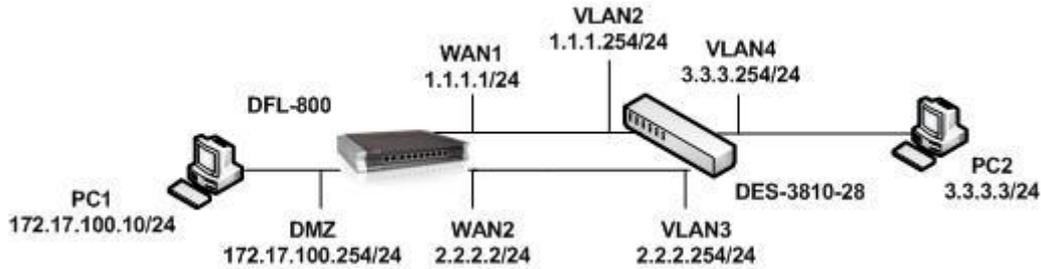


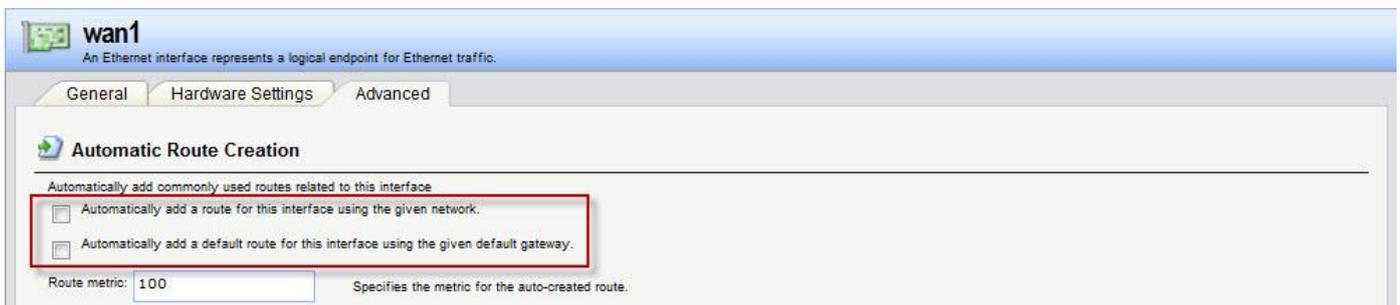
How to make DMZ traffic go to WAN2 and enable failover function at the same time

[Topology]



[DFL-800 Setup] Firmware: 2.27.05.35

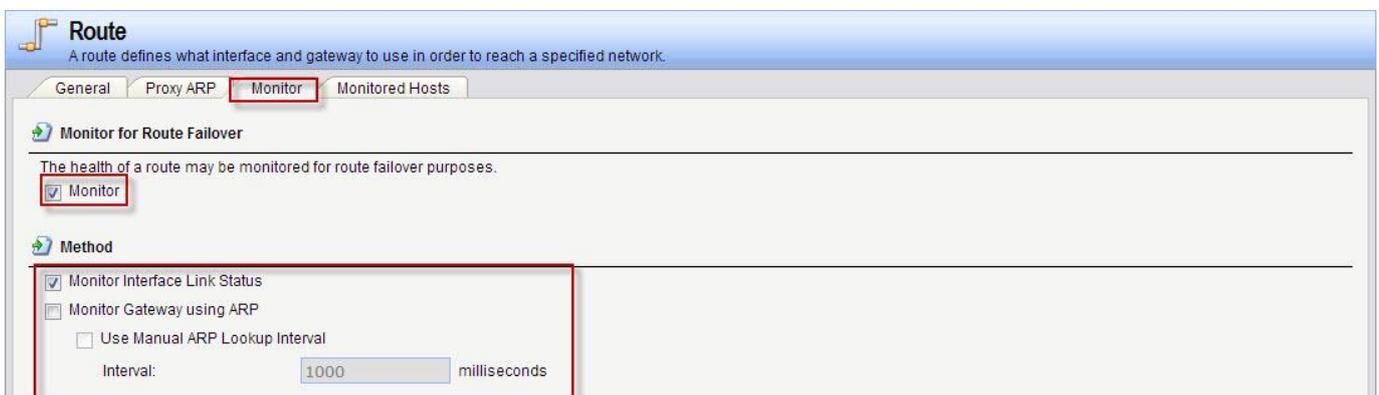
1. Internets > Ethernet
Setup WAN1 and WAN2 interface.
2. Internets > Ethernet > WAN1 and WAN2 > Advanced
Both of interfaces to disable automatically add a route and automatically add default route.



3. Routing > Routing Tables > Main
Add both of interfaces route and enable WAN1 failover.

#	Type	Interface	Network	Gateway	Local IP address	Metric	Monitor this route	Comments
1	Route	wan1	wan1net			90	No	
2	Route	wan1	all-nets	wan1_gw		90	Yes	
3	Route	wan2	wan2net			100	No	
4	Route	wan2	all-nets	wan2_gw		100	No	
5	Route	dmz	dmznet			100	No	Direct route for network dmznet over interface dmz...
6	Route	lan	lanet			100	No	Direct route for network lanet over interface lan...

- Setup more low metric on WAN1 routing.
- Enable monitor on WAN1 route.



- Choose any monitor type in the method, of cause you can use Host monitor.

4. Routing > Routing Tables

Create a new routing table for PRB.

The screenshot shows the 'for_dmz' routing table configuration. The table lists five routes with their respective interfaces, networks, gateways, local IP addresses, metrics, and monitoring status. Red boxes highlight the metrics and monitoring status for the WAN2 and DMZ routes.

#	Type	Interface	Network	Gateway	Local IP address	Metric	Monitor this route	Comments
1	Route	dmz	dmznet			100	No	
2	Route	wan2	wan2net			100	No	
3	Route	wan2	all-nets	wan2_gw		100	Yes	
4	Route	wan1	wan1net			110	No	
5	Route	wan1	all-nets	wan1_gw		110	No	

Right-click on a row for additional options.

- Make sure the WAN2 and DMZ route got the low metric.
- Enable monitor on WAN2 route.

The screenshot shows the 'Route' configuration page for 'for_dmz'. The 'Monitor' tab is selected, and the 'Monitor for Route Failover' section is checked. The 'Method' section shows 'Monitor Interface Link Status' selected with an interval of 1000 milliseconds.

5. Routing > Routing Rules > Add

Setup one PRB routing rules

The screenshot shows the 'for_dmz_route_rule' configuration page. The 'General' tab is selected, and the 'Forward routing table' is set to 'for_dmz'. The 'Address Filter' section shows the source interface as 'dmz' and the destination interface as 'wan1'.

#	Name	Source interface	Source network	Destination interface	Destination network	Service	Comments
1	for_dmz_route_rule	dmz	dmznet	wan1	all-nets	all_services	

6. Interfaces > Interface Groups

Use WAN1 and WAN2 setup an interface group for IP rule use.

#	Name	Members	Comments
1	wans	wan1, wan2	

7. Rules > IP Rules

Setup IP rules make LAN net and DMZ net can access to outside.

#	Name	Action	Source interface	Source network	Destination interface	Destination network	Service
1	allow_standard	NAT	lan	lannet	wans	all-nets	all_services
2	dmz_to_wan	NAT	dmz	dmznet	wans	all-nets	all_services

[Test Result]

1. PC1 ping PC2 will goes WAN2 interface.
2. When WAN2 goes down the PC1 traffic will goes to WAN1.
3. If WAN2 goes up again the PC1 traffic will come back to WAN2.

END