LAN 1:192.168.2.0/24

DFL-800

WAN1:3.3.3.2/24

IPsec Tunnel

DFL-860

WAN1:3.3.3.1/24

LAN:192.168.1.1/24

OSPF area 1 ; LAN 2:192.168.1.0/24

LAN: 192.168.1.2/24

L3 SWITCH

LAN: 10.10.1.1/24

OSPF area 0 BACKBONE area

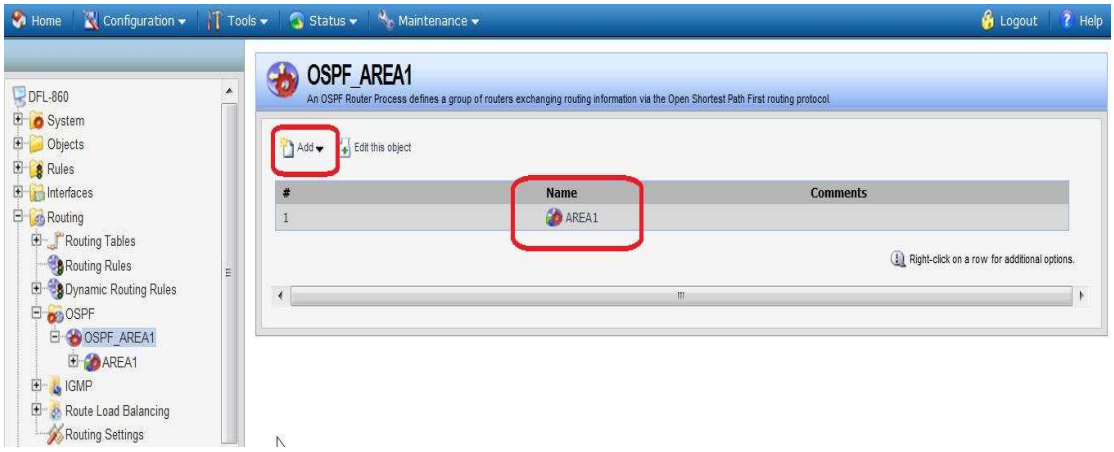
LAN3:10.10.1.0/24

LAN:10.10.1.2/24

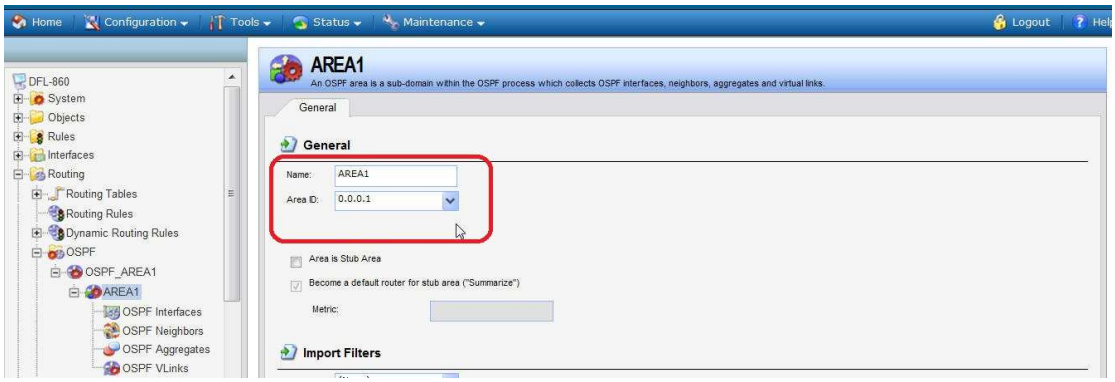
L3 SWITCH

OSPF

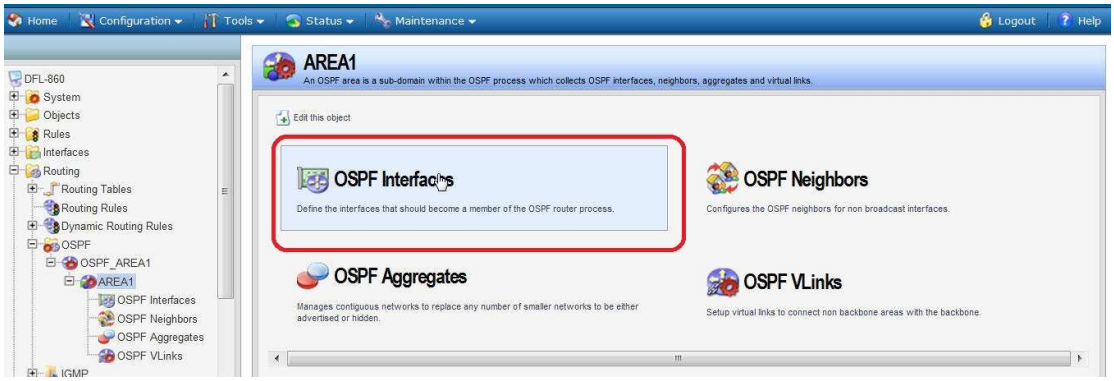
Add new ospf object



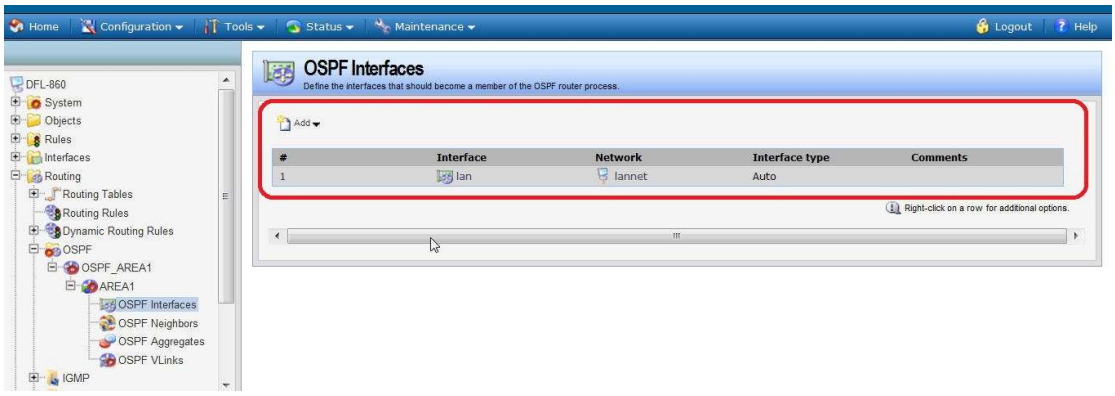
Click the edit this object item



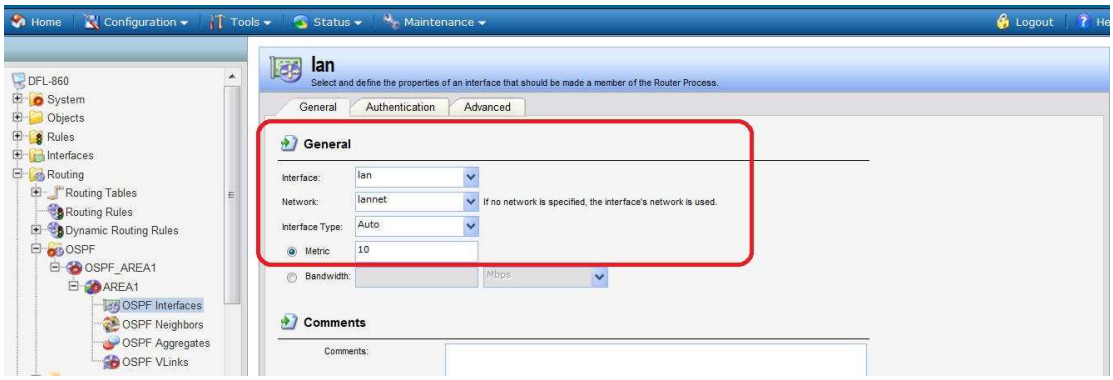
Touch OSPF interface button



In the OSPF Interfaces, add the “lan” into the list.



For the LAN detail parameters as following:



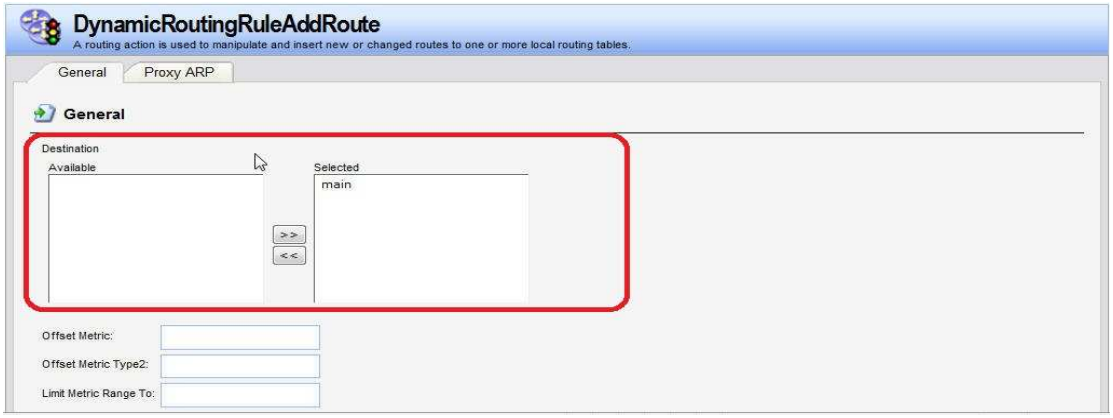
Create two “Dynamic Routing Rules”: “OSPF_to_main” and “main_to_ospf” respectively.

(1)In the object of “ospf_to_main”:

Go into the Routing actions

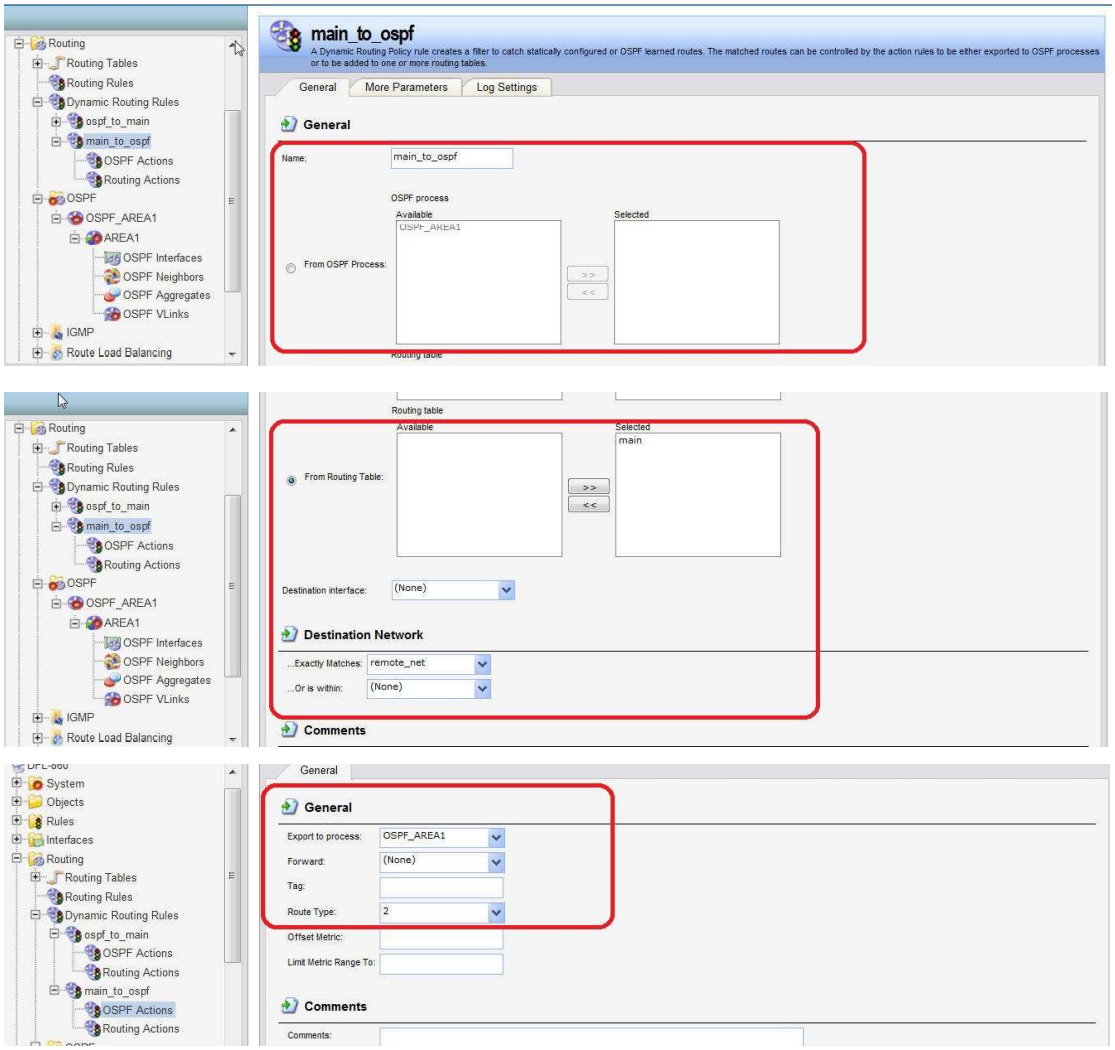
OSPF action is mapped to main_to_ospf object

Move the main from available to selected



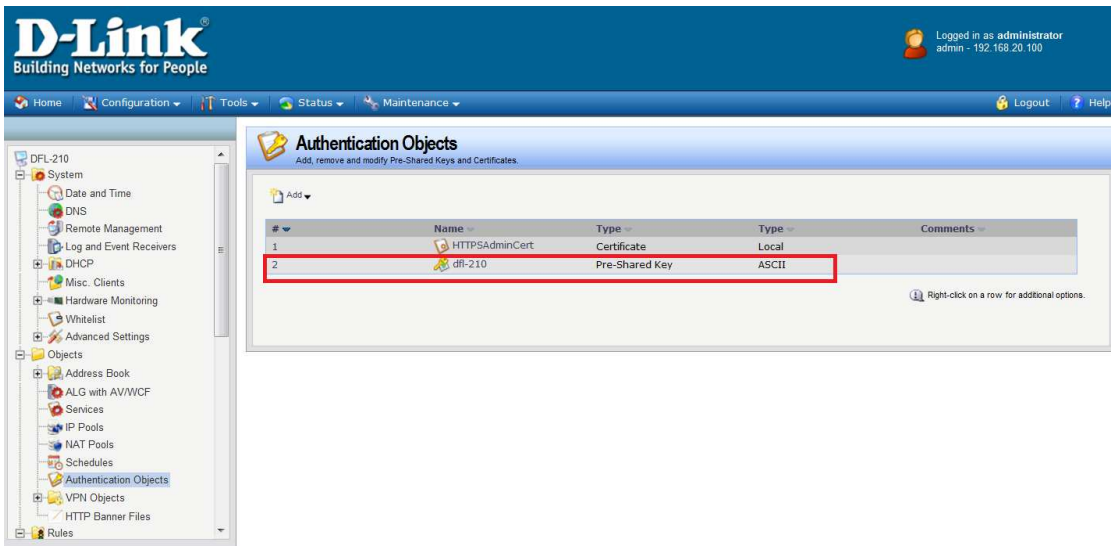
(2) In the object of “ospf_to_main”:

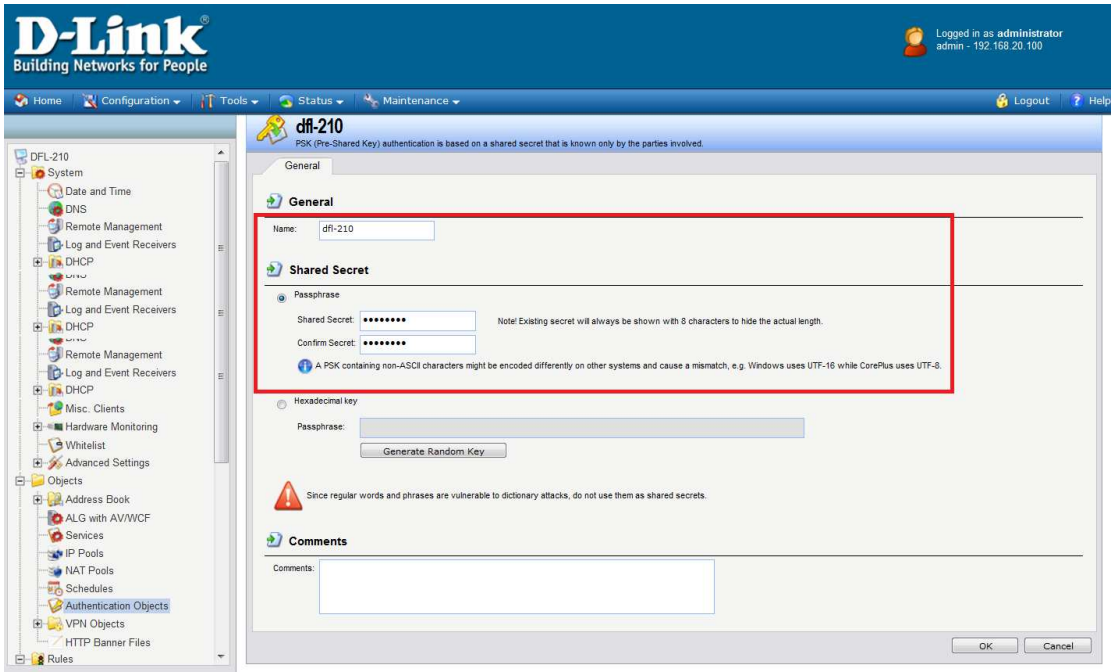
Go into the OSPF actions


Routing
Routing Tables
Routing Rules
Dynamic Routing Rules
ospf_to_main
main_to_ospf
OSPF Actions
Routing Actions
OSPF
OSPF_AREA1
AREA1
OSPF Interfaces
OSPF Neighbors
OSPF Aggregates
OSPF VLinks
IGMP
Route Load Balancing
main_to_ospf
A Dynamic Routing Policy rule creates a filter to catch statically configured or OSPF learned routes. The matched routes can be controlled by the action rules to be either exported to OSPF processes or to be added to one or more routing tables.
General
More Parameters
Log Settings
General
Name:
main_to_ospf
OSPF process
Available
Selected
From OSPF Process:
Routing table
From Routing Table:
main
Destination interface:
(None)
Destination Network
...Exactly Matches:
remote_net
...Or is within:
(None)
Comments
System
Objects
Rules
Interfaces
Export to process:
OSPF_AREA1
Forward:
(None)
Tag:
Route Type:
2
Offset Metric:
Limit Metric Range To:
Comments:

DFL-860 IPsec

Create pre-shard key





Go to address book create IP object. Remote network

Go to IPsec. Add a new IPsec tunnel.

Choose the correct item.

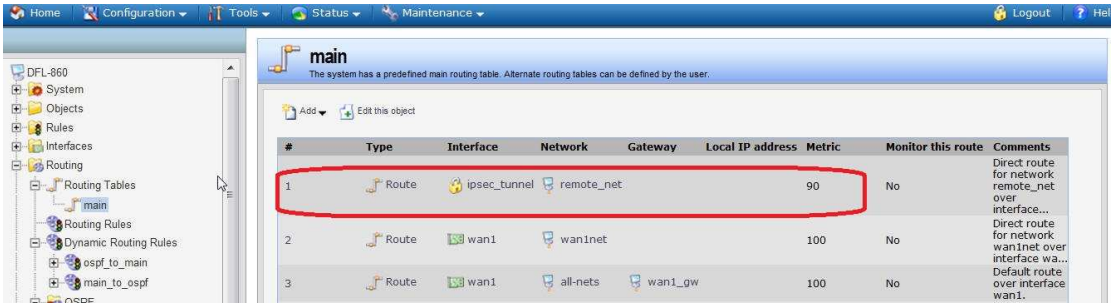
local network to lannet.

Remote network to remote_net

Remote endpoint to 3.3.3.2/24

Encapsulation mode to tunnel

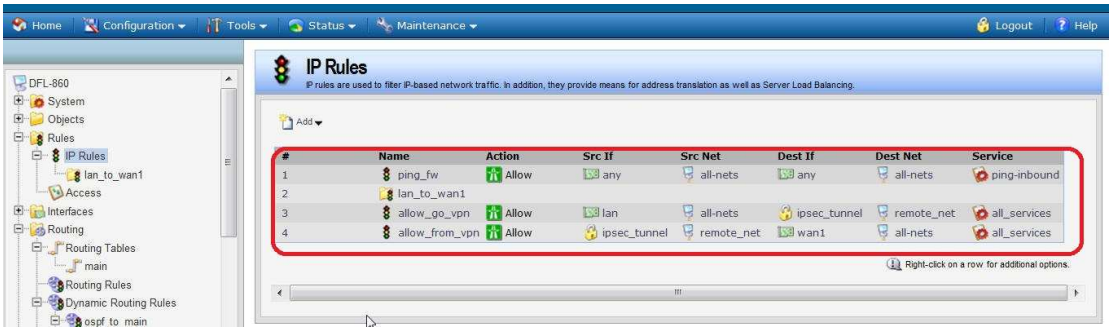
You will see IPsec tunnel route in the main.



Set up two IP rules for the tunnel:

An allow rule for outbound traffic that has the previously defined ipsec_tunnel object As the Destination interface.The Destination network is the remote network remote_net.

An allow rule for inbound traffic that has the previously defined ipsec_tunnel object As the Source interface.The Source network is the remote network remote_net.



Finally you can use CLI:ipsecstats to check the IPsec tunnel!!