1 Purpose

This document describes the procedure and a process for configuring a router board. The procedure is intended for SEC Network Administrators use ONLY in times of setting up new router board or adding a subnet to the network.

2 Scope

The procedure serves as fine grained guide with step by step tasks to follow in case a new router board is configured or adding more IP addresses.

3 References

N/A

4 Definitions

N/A

5 Responsibilities

Network &Security Engineer/ Network Administrator – Only the Network Administrator OR an approved IT department employee is responsible for configure a router board on the SEC corporate network.

The Network & Security Engineer – Only the Network & Security Engineer or the IT Manager can approve the modification of settings on this router.

6 Procedure

6.1 Connect the router board to your PC with a serial cable and use the following settings:

Connect using: COM1, Bits per second: 9600, Data Bits: 7, Parity: None Stop bits: 1, Flow control: none

6.2 The remote LAN with network address 10.10.20.0 and 24-bit netmask: 255.255.255.0. The router's address is 10.10.20.254 in this network.

6.3 The local network with address 147.110.192.0 and 24- bit netmask 255.255.255.0. The router has 147.110.192.38 address in this network and it's gateway 147.110.192.254

6.4 Enable interfaces

/interface enable ether2, ether3

Adding Addresses

/ip address add address=147.110.192.38/24 interface=ether2

/ip address add address=10.10.20.254/24 interface=ether3

View configuration, type /ip address print

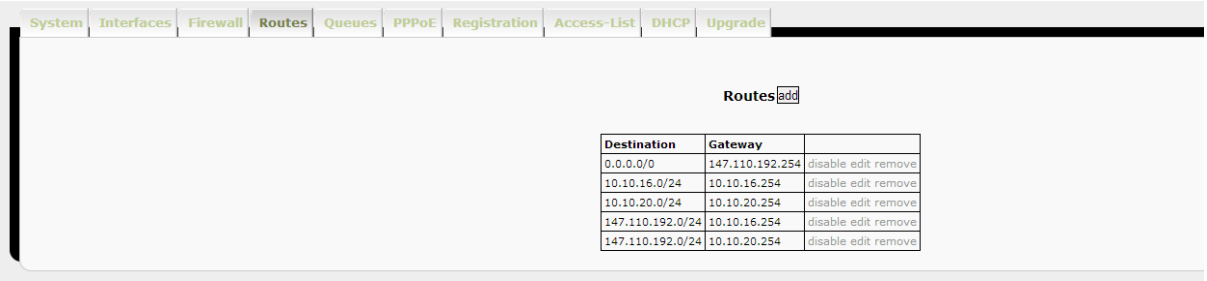
Adding Route

/ip route add gateway=10.10.20.254

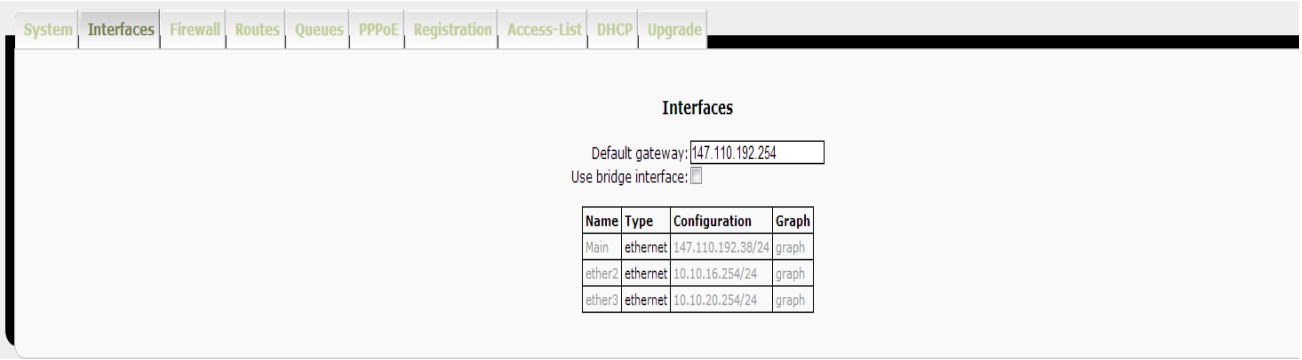
Firewall

/ip firewall nat add chain=srcnat action=masquerade out-interface=ether2

- On the Main firewall go to Network button and select Routes



- Network Interfaces



User name = admin

Password =

7 Records

N/A