**פרוקיט בתקשורת**

**Speed Company**

**Routers in All Branches Configured with EIGRP Protocol**

**‘System Number’ 1234.**

**Milano’s Router Configured with Static Route to Each Router to all Branches.**

**Hafia’s Router Configured to Work and be connected via Telnet by All Branches – Password is 1234 With Enable Password Of 1234, Line vty 0**

**Speed Company Sites**

[**www.speed.com**](http://www.speed.com)

[**www.speed.co.il**](http://www.speed.co.il)

[**www.fortest.com**](http://www.fortest.com)

**HTTP Server IP 80.0.0.2**

**DNS Server IP 192.168.2.2**

**By Waseem Rkab Class 43/3.**

**Haifa Branch**

Haifa Router Default Getaway: 80.0.0.1

(Bandwidth 2000000)

Port: GigabitEthernet 5/0

HTTP Server IP: 80.0.0.2

**1.**

**Haifa’s External IP to LA: 20.0.0.1**

**(Bandwidth 20000)**

**Port: Serial 6/0**

**2.**

**Haifa’s External IP to Saint Petersburg: 40.0.0.1**

**(Bandwidth 34200)**

**Port: Serial 9/0**

**3.**

**Haifa’s External IP To Alexandria: 50.0.0.1**

**(Bandwidth 370000)**

**Port: Serial 7/0**

**4.**

**Haifa’s External IP To Milano: 90.0.0.2**

**(Bandwidth 950000)**

**Port: Serial 8/0**

***(Fiber Backup Connections):***

***1.***

**Haifa’s External IP to Alexandra:79.179.0.1**

**(Bandwidth 14000)**

**Port: GigabitEthernet 0/0**

**2.**

**Haifa’s External IP to LA: 109.67.0.1**

**(Bandwidth 15000)**

**Port: GigabitEthernet 1/0**

**3.**

**Haifa’s External IP To Saint Petersburg: 46.146.5.1**

**(Bandwidth 23000)**

**Port: GigabitEthernet 2/0**

**4.**

**Haifa’s External IP to Milano: 89.89.15.1**

**(Bandwidth 47000)**

**Port: GigabitEthernet 3/0**

**Los Angeles Branch**

**LA Router Default Gateways:**

**195.1.1.1, 177.1.0.1, 60.0.0.1**

**Encapsulation Vlans – 100,200,300**

**Where 100 is Management,**

**Port: GigabitEthernet0/0.100**

**200 is Secretariat,**

**Port: GigabitEthernet0/0.200**

**300 is Sales.**

**Port: GigabitEthernet0/0.300**

**1.**

**LA’s External IP to Haifa: 20.0.0.2**

**(Bandwidth 9000000)**

**Port: Serial 6/0**

**2.**

**LA’s External IP to Alexandria: 30.0.0.2**

**(Bandwidth 98000)**

**Port: Serial 9/0**

**3.**

**LA’s External IP To Saint Petersburg: 120.0.0.1**

**(Bandwidth 5400000)**

**Port: Serial 7/0**

**4.**

**LA’s External IP To Milano: 110.0.0.2**

**(Bandwidth 250000)**

**Port: Serial 8/0**

***(Fiber Backup Connections):***

**1.**

**LA’s External IP to Alexandra: 35.0.0.2**

**(Bandwidth 12000)**

**Port: GigabitEthernet 3/0**

**2.**

**LA’s External IP to Haifa: 109.67.0.2**

**(Bandwidth 600000)**

**Port: GigabitEthernet 2/0**

**3.**

**LA’s External IP To Saint Petersburg: 167.65.25.1**

**(Bandwidth 76300)**

**Port: GigabitEthernet 4/0**

**4.**

**LA’s External IP to Milano: 56.37.130.1**

**(Bandwidth 27900)**

**Port: GigabitEthernet 5/0**

**Alexandria Branch**

**Alexandria Router Default Getaway: 192.168.2.1**

**(Bandwidth 632500)**

**Port: GigabitEthernet 5/0**

**Domain Name System Server IP: 192.168.2.2**

**1.**

**Alexandria’s External IP to LA: 30.0.0.1**

**(Bandwidth 31000)**

**Port: Serial 9/0**

**2.**

**Alexandria’s External IP To Haifa: 50.0.0.2**

**(Bandwidth 70651)**

**Port: Serial 8/0**

**3.**

**Alexandria’s External IP To Saint Petersburg: 70.0.0.2**

**(Bandwidth 350000)**

**Port: Serial 7/0**

**4.**

**Alexandra’s External IP To Milano: 130.0.0.2**

**(Bandwidth 18000)**

**Port: GigabitEthernet 6/0**

***(Fiber Backup Connections):***

**1.**

**Alexandria’s External IP to Milano: Via Saint Petersburg**

**70.0.0.2 –> 70.0.0.1 -> 100.0.0.1 –> 100.0.0.1 (Static Route).**

**(Bandwidth 350000)**

**Port: Serial 7/0**

**2.**

**Alexandria’s External IP to LA: 35.0.0.1**

**(Bandwidth 32000)**

**Port: GigabitEthernet 3/0**

**3.**

**Alexandria’s External IP to Haifa: 79.179.0.2**

**(Bandwidth 84000)**

**Port: GigabitEthernet 0/0**

**4.**

**Alexandria’s External IP to Saint Petersburg: 66.90.154.1**

**(Bandwidth 10000)**

**Port GigabitEthernet 1/0**

**Saint Petersburg Branch**

**Saint Petersburg Router Default Getaway: 44.0.0.1**

**(Bandwidth 650000)**

**Port: GigabitEthernet 5/0**

**1.**

**Saint Petersburg’s External IP To Haifa: 40.0.0.2**

**(Bandwidth 120000)**

**Port: Serial 9/0**

**2.**

**Saint Petersburg’s External IP To Alexandria: 70.0.0.1**

**(Bandwidth 54000)**

**Port: Serial 8/0**

**3.**

**Saint Petersburg’s External IP to LA: 120.0.0.2**

**(Bandwidth 18000)**

**Port: Serial 7/0**

**4.**

**Saint Petersburg’s External IP To Milano: 100.0.0.2**

**(Bandwidth 196000)**

**Port: Serial 6/0**

***(Fiber Backup Connections):***

**1.**

**Saint Petersburg’s External IP To Haifa: 46.146.5.2**

**(Bandwidth 280000)**

**Port: GigabitEthernet 0/0**

**2.**

**Saint Petersburg’s External IP LA: 167.65.25.2**

**(Bandwidth 24300)**

**Port: GigabitEthernet 1/0**

**3.**

**Saint Petersburg’s External IP to Alexandria: 66.90.154.2**

**(Bandwidth 50000)**

**Port GigabitEthernet 2/0**

**4.**

**Saint Petersburg’s External IP to Milano: 212.179.12.1**

**(Bandwidth 37560)**

**Port: GigabitEthernet 3/0**

**Milano Branch**

Milano Router Default Getaway: 180.177.0.1

(Bandwidth 750000)

Port: GigabitEthernet 5/0

**1.**

**Milano’s External IP To Haifa: 90.0.0.1**

**(Bandwidth 1500000)**

**Port: Serial 9/0**

**2.**

**Milano’s External IP To Saint Petersburg: 100.0.0.1**

**(Bandwidth 86500)**

**Port: Serial 8/0**

**3.**

**Milano’s External IP to LA: 110.0.0.1**

**(Bandwidth 800000)**

**Port: Serial 7/0**

**4.**

**Milano’s External IP to Alexandria: 130.0.0.1**

**(Bandwidth 17500)**

**Port: GigabitEthernet 6/0**

***(Fiber Backup Connections):***

**1.**

**Milano’s External IP To Alexandria: Via Saint Petersburg**

**100.0.0.1 -> 100.0.0.2 -> 70.0.1 -> 70.0.0.2 (Static Route).**

**(Bandwidth 86500)**

**Port: Serial 8/0**

**2.**

**Milano’s External IP to Haifa: 89.89.15.2**

**(Bandwidth 91000)**

**Port: GigabitEthernet 0/0**

**3.**

**Milano’s External IP to LA: 56.37.130.2**

**(Bandwidth 72900)**

**Port: GigabitEthernet 1/0**

**4.**

**Milano’s External IP to Saint Petersburg: 212.179.12.2**

**(Bandwidth 78100)**

**Port: GigabitEthernet 2/0**