1.Topológia kábelezése

2.soho router konfigurálása

3.laptop dhcp szórás

4.Budapest:

-enable – conf t – int se0/0/0 – ip add 192.168.230.1 – no sh – clock rate 2000000

5. Sopron:

-enable – conf t – int se0/0/0 – ip add 192.168.230.2 255.255.255.0 – no sh – exit – int g0/0 – ip add 192.168.240.1 255.255.255.0 – no sh

6. S-SW:

-enable – conf t- hostname S-SW – no ip domain-lookup – banner motd 'szöveg' – enable secret enaSopron -line con 0 – password conSopron – login – int vlan 1 – ip add 192.168.240.2 255.255.255.0 – exit – ip default-getaway 192.168.240.1 – line vty 0 15 -password vtySopron – login – logging synhronous – exit – service password-encryption – int g0/1 – description Router fele – exit – do wri

7. S2 PC konfigurálása

8. másik switch név BP-SW

9. BP-SW:

- enable – conf t – int range fa0/1-24 – switchport mode access - switchport port-security – switchport port-security mac-address sticky – switchport port-security max 2 – switchport portsecurity violation sh – exit -int range fa0/3-12 – shutdown – int range fa0/15-24 – shutdown - exit

- hostname BP-SW – vlan 210 – name KETTOTIZES – exit – vlan 220 – name KETTOHUSZAS – exit –

-int range fa0/1-12 – switchport access vlan 210 – exit – int range fa0/13-24 – switchport access vlan 220 – exit – int g0/1 – switchport mode trunk

10. Budapest

-enable – conf t – int g0/0.210 – encapsulation dot1Q 210 – ip add 192.168.210.1 255.255.255.0 – exit – int g0/0.220 – encapsulation dot1Q 220 – ip add 192.168.220.1 255.255.255.0 – exit – ip dhcp exluded-address 192.168.210.1 192.168.210.5 – ip dhcp exluded-address 192.168.220.1 192.168.220.5 – ip dhcp pool KETTOTIZES – network 192.168.210.0 255.255.255.0 – dns-server 209.165.201.10 – default-router 192.168.210.1 - exit – ip dhcp pool KETTOHUSZAS – network 192.168.220.0 255.255.255.0 - dns-server 209.165.201.10 – default-router 192.168.220.1 – exit

11. BP-PCk dhcp szórás

12. Sopron

- enable – conf t – ip route 0.0.0.0 0.0.0.0 serial 0/0/1 – router rip – version 2 – passive-interface g0/0 – default-information originate – network 192.168.230.0 – network 192.168.240.0

13. Budapest

- enable - conf t – router rip – version 2 – network 192.168.210.0 – network 192.168.220.0 – network 192.168.230.0

14. Sopron

- enable – conf t – ip nat inside source static 192.168.240.2 209.165.200.3 – int ser0/0/1 – ip nat outside – int s0/0/0 – ip nat inside – int g0/0 – ip nat inside – access-list 1 permit 192.168.210.0 0.0.0.255 - access-list 1 permit 192.168.220.0 0.0.0.255 - access-list 1 permit 192.168.230.0 0.0.0.255 - access-list 1 permit 192.168.240.0 0.0.0.255