SW\_LO

enable

conf t

hostname SW-LO

interface vlan1

ip address 192.168.0.252 255.255.255.0

no shutdown

exit

interface FastEthernet0/20-24

channel-group 1 mode active

conf t

ip domain-name petrik.hu

crypto key generate rsa

username admin secret Jelszo

line vty 0 15

tarnsport input ssh

login local

exit

ip ssh version 2

exit

SW\_HI

enable

conf t

hostname SW-HI

interface vlan1

ip address 192.168.0.251 255.255.255.0

no shutdown

exit

interface FastEthernet0/20-24

channel-group 1 mode passive

conf t

ip domain-name petrik.hu

crypto key generate rsa

username admin secret Jelszo

line vty 0 15

tarnsport input ssh

login local

exit

ip ssh version 2

exit

R\_Slave

enable

conf t

hostname Slave

enable secret Ena123

line con 0

password Con123

login

exit

line vty 0 4

password Con123

login

exit

service password-encryption

interface gigabitEthernet 0/0

description Link to SW-HI

ip address 192.168.0.253 255.255.255.0

no shutdown

exit

interface gigabitEthernet 0/1

description Link to GW

ip address 10.0.2.2 255.255.255.252

no shutdown

exit

interface gigabitEthernet 0/0

standby 1 ip 192.168.0.250

standby 1 priority 80

standby 1 preempt

router ospf 1

area 0 authentication message-digest

network 192.168.0.0 0.0.0.255 area 0

network 10.0.2.0 0.0.0.3 area 0

interface GigabitEthernet0/0

ip ospf message-digest-key 1 md5 SajatJelszo

interface GigabitEthernet0/1

ip ospf message-digest-key 1 md5 SajatJelszo

R\_Master

enable

conf t

hostname Master

interface gigabitEthernet 0/0

standby 1 ip 192.168.0.250

standby 1 priority 120

standby 1 preempt

router ospf 1

area 0 authentication message-digest

network 192.168.0.0 0.0.0.255 area 0

network 10.0.1.0 0.0.0.3 area 0

interface GigabitEthernet0/0

ip ospf message-digest-key 1 md5 SajatJelszo

interface GigabitEthernet0/1

ip ospf message-digest-key 1 md5 SajatJelszo

R\_GW

conf t

hostname GW

interface gigabitEthernet 0/1

description Link to SW-HI

ip address 10.0.2.1 255.255.255.252

no shutdown

exit

router ospf 1

area 0 authentication message-digest

network 10.0.1.0 0.0.0.3 area 0

network 10.0.2.0 0.0.0.3 area 0

interface GigabitEthernet0/0

ip ospf message-digest-key 1 md5 SajatJelszo

interface GigabitEthernet0/1

ip ospf message-digest-key 1 md5 SajatJelszo

router ospf 1

auto-cost reference-bandwidth 10000

interface GigabitEthernet0/1

bandwidth 900

ip route 0.0.0.0 0.0.0.0 Loopback1

router ospf 1

default-information originate