(config)# INTERFACE GI0/1

(config-if)# SWITCHPORT MODE TRUNK

(config-if)# SWITCHPORT TRUNK ALLOWEED VLAN <VLAN-LIST> //VLAN-LIST – 10,20 ČÍSLA KTERÉ POTŘEBUJU NECHAT PROPOSUTIT

*config)# INTERFACE VLAN ČÍSLO*

*(config-if)# IP ADD IP.IP.IP.IP M.M.M.M*

*(config-if)# NO SHUTDOWN*

ENABLE

CONFIGURE TERMINAL

IPV6 UNICAST-ROUTING

(config)# INTERFACE FA0/1

(config-if)# SWITCHPORT MODE ACCESS

(config-if)# SWITCHPORT ACCESS VLAN ČÍSLO

**PŘEPÍNAČ**

(config)# VLAN ČÍSLO

(config)# VTP MODE TRANSPARENT //POKUD NASTAVUJU TRUNK

**NAT**

(config-if)# IP NAT INSIDE //PRO INTERFACE CO JDE DO VNITŘNÍ SÍTĚ – PRIVAÁTNÍ IP

(config-if)# IP NAT OUTSIDE //PRO INTERFACE CO JDE DO VNĚJŠÍ SÍTĚ – VEŘEJNÉ IP

(config)# IP NAT POOL <NAZEV> <START\_IP> <KONEC\_IP> NETMASK <MASKA> //VEŘEJNÉ IP

(config)# ACCESS-LIST <ACL-ČÍSLO> PERMIT <IP> <WILDCARD> //VNITŘNÍ - PCČKA

(config)# IP NAT INSIDE SOURCE LIST <ACL-ČÍSLO> POOL <NAZEV> OVERLOAD

(config)# IP NAT INSIDE SOURCE LIST <ACL-ČÍSLO> INTERFACE FA0/1 OVERLOAD

**RIP IPV6**

(config)# IPV6 ROUTER RIP <ID>

(config-router)# REDISTRIBUTE CONNECTED METRIC 1

(config-router)# INTERFACE FA0/0

(config-router)# IPV6 RIP <ID> ENABLE

(config-router)# IPV6 RIP <ID> DEFAULT-INFORMATION ORIGINATE

**RIP IPV4**

(config)# ROUTER RIP

(config-router)# NETWORK <ADRESA\_SÍTE>

(config-router)# VERSION 2

(config-router)# NO AUTO-SUMMARY

(config-router)# PASSIVE-INTERFACE FA0/0 //NESIRI SE DANYM ROZHRANIM

(config-router)# DEFAULT-INFORMATION ORIGINATE //JEN 1 ROUTER

**OSPF IPV6**

(config)# IPV6 ROUTER OPSF <ČÍSLO>

(config-router)# REDISTRIBUTE CONNECTED METRIC 1

~~(config-router)# ROUTER-ID X.Y.Z.A~~

(config-router)# PASSIVE-INTERFACE FA0/0

(config-router)# INTERFACE FA0/0

(config-router)# IPV6 OSPF <ČISLO> AREA 0

**OSPF IPV4**

(config)# ROUTER OSPF <ČÍSLO>

(config-router)# NETWORK <ADRESA\_SITE> <WILDCARD> AREA 0

(config-router)# PASSIVE-INTERFACE FA0/0 //NESIRI SE DANYM ROZHRANIM

(config-router)# DEFAULT-INFORMATION ORIGINATE //JEN 1 ROUTER