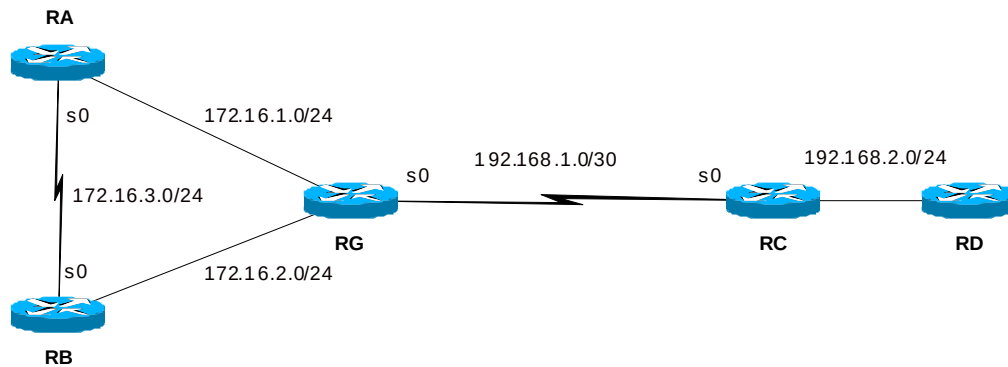


Default routy a IGRP/OSPF



Zprovozněte zobrazenou síť. Routery **RA-RB-RG** budou používat routovací protokol OSPF, routery **RC-RD** protokol IGRP. Na **RC** bude definována default routa, která se bude přes IGRP propagovat na **RD**. Router **RG** bude redistribuovat statickou routu do sítě 192.168.2.0.

Router RC (default routa) :

```
int e0
  ip address 192.168.2.1 255.255.255.0
int s0
  ip address 192.168.1.2 255.255.255.252
router igrp 1
  network 192.168.1.0
  network 192.168.2.0
  passive-interface s0
ip route 0.0.0.0 0.0.0.0 192.168.1.1
ip default-network 192.168.1.0
```

Router RD :

```
int e0
  ip address 192.168.2.2 255.255.255.0
router igrp 1
  network 192.168.2.0
```

Router RA :

```
int e0
  ip address 172.16.1.2 255.255.255.0
int s0
  ip address 172.16.3.1 255.255.255.0
  clock rate 2000000
router ospf 1
  network 172.16.0.0 0.0.255.255 area 0
```

Router RB :

```
int e0
  ip address 172.16.2.2 255.255.255.0
int s0
  ip address 172.16.3.2 255.255.255.0
router ospf 1
  network 172.16.0.0 0.0.255.255 area 0
```

Router RG :

```
int e0/0
    ip address 172.16.1.1 255.255.255.0
int e0/1
    ip address 172.16.2.1 255.255.255.0
int s1/0
    ip address 192.168.1.1 255.255.255.252
    clock rate 128000
router ospf 1
    network 172.16.0.0 0.0.255.255 area 0
    network 192.168.1.0 0.0.0.255 area 0
    passive-interface s1/0
    redistribute static
```

Překonfigurujte routery **RC-RD** na samostatnou doménu protokolu OSPF. **RC** bude propagovat default na **RD** (jako externí routu typu E2). Konfigurace **RA-RB-RG** zůstane beze změny.

Router RC (default routa) :

```
int e0
    ip address 192.168.2.1 255.255.255.0
int s0
    ip address 192.168.1.2 255.255.255.252
router ospf 2
    network 192.168.1.0 0.0.0.255 area 0
    network 192.168.2.0 0.0.0.255 area 0
    passive-interface s0
    default-information originate
ip route 0.0.0.0 0.0.0.0 192.168.1.1
```

Router RD :

```
int e0
    ip address 192.168.2.2 255.255.255.0
router ospf 2
    network 192.168.2.0 0.0.0.255 area 0
```