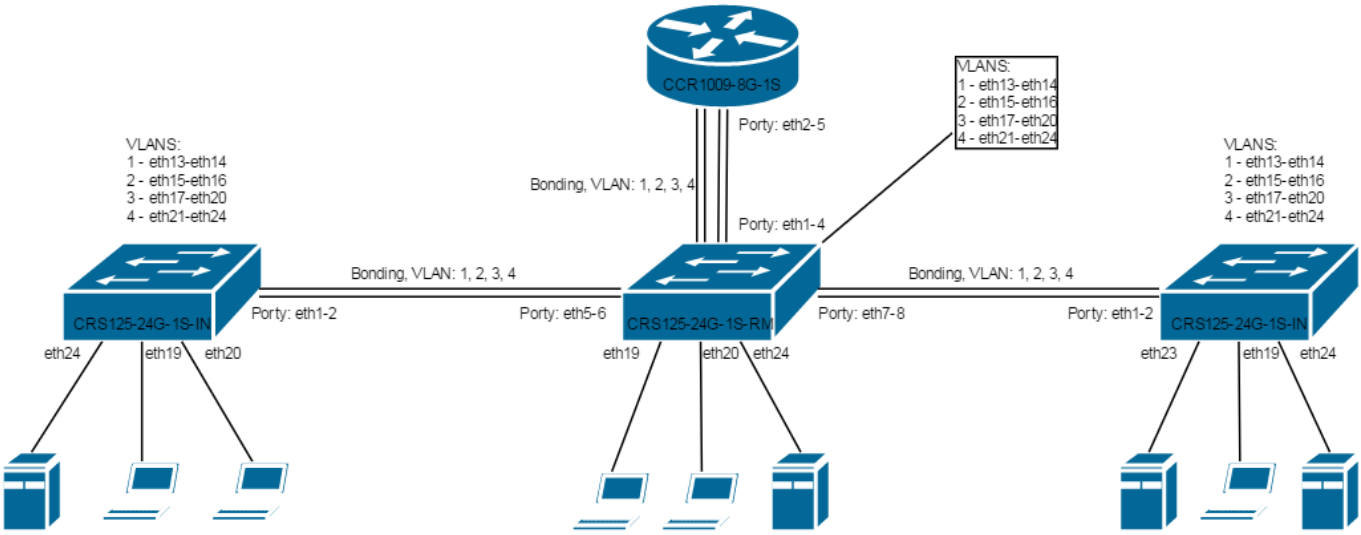
Switche VLANy + Router

Wstęp i ogólne założenia



Do switchy podpinamy się za pomocą adresu MAC (program WinBox → zakładka Neighbors). Na leży mieć pod ręką kabel do konsoli, na wszelki wypadek. Ja podpinam się pod port eth9 do switchy w celu konfiguracji.

Na każdym switchu sprawdzamy ustawienia master portu na interfejsach:

```
/interface ethernet
set [ find default-name=ether1 ] name=ether1-master
set [ find default-name=ether2 ] master-port=ether1-master
set [ find default-name=ether3 ] master-port=ether1-master
set [ find default-name=ether4 ] master-port=ether1-master
set [ find default-name=ether5 ] master-port=ether1-master
set [ find default-name=ether6 ] master-port=ether1-master
set [ find default-name=ether7 ] master-port=ether1-master
set [ find default-name=ether8 ] master-port=ether1-master
set [ find default-name=ether9 ] master-port=ether1-master
set [ find default-name=ether10 ] master-port=ether1-master
set [ find default-name=ether11 ] master-port=ether1-master
set [ find default-name=ether12 ] master-port=ether1-master
set [ find default-name=ether13 ] master-port=ether1-master
set [ find default-name=ether14 ] master-port=ether1-master
set [ find default-name=ether15 ] master-port=ether1-master
set [ find default-name=ether16 ] master-port=ether1-master
set [ find default-name=ether17 ] master-port=ether1-master
set [ find default-name=ether18 ] master-port=ether1-master
set [ find default-name=ether19 ] master-port=ether1-master
set [ find default-name=ether20 ] master-port=ether1-master
set [ find default-name=ether21 ] master-port=ether1-master
set [ find default-name=ether22 ] master-port=ether1-master
```

```
set [ find default-name=ether23 ] master-port=ether1-master
set [ find default-name=ether24 ] master-port=ether1-master
set [ find default-name=sfp1 ] master-port=ether1-master
```

CRS125-24G-1S-RM

```
/interface ethernet switch
set drop-if-invalid-or-src-port-not-member-of-vlan-on-
ports=ether24,ether23,ether22,ether21,ether20,ether19,ether18,ether17,ether1
6,ether15,ether14,ether13,ether1-
master,ether2,ether3,ether4,ether5,ether6,ether7,ether8
/interface ethernet switch trunk
add member-ports=ether1-master,ether2,ether3,ether4 name=trunk-1-2-3-4
add member-ports=ether5,ether6 name=trunk-5-6
add member-ports=ether7,ether8 name=trunk-7-8
/interface ethernet switch egress-vlan-tag
add tagged-ports=trunk-1-2-3-4,trunk-5-6,trunk-7-8 vlan-id=1
add tagged-ports=trunk-1-2-3-4,trunk-5-6,trunk-7-8 vlan-id=2
add tagged-ports=trunk-1-2-3-4,trunk-5-6,trunk-7-8 vlan-id=3
add tagged-ports=trunk-1-2-3-4,trunk-5-6,trunk-7-8 vlan-id=4
```

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