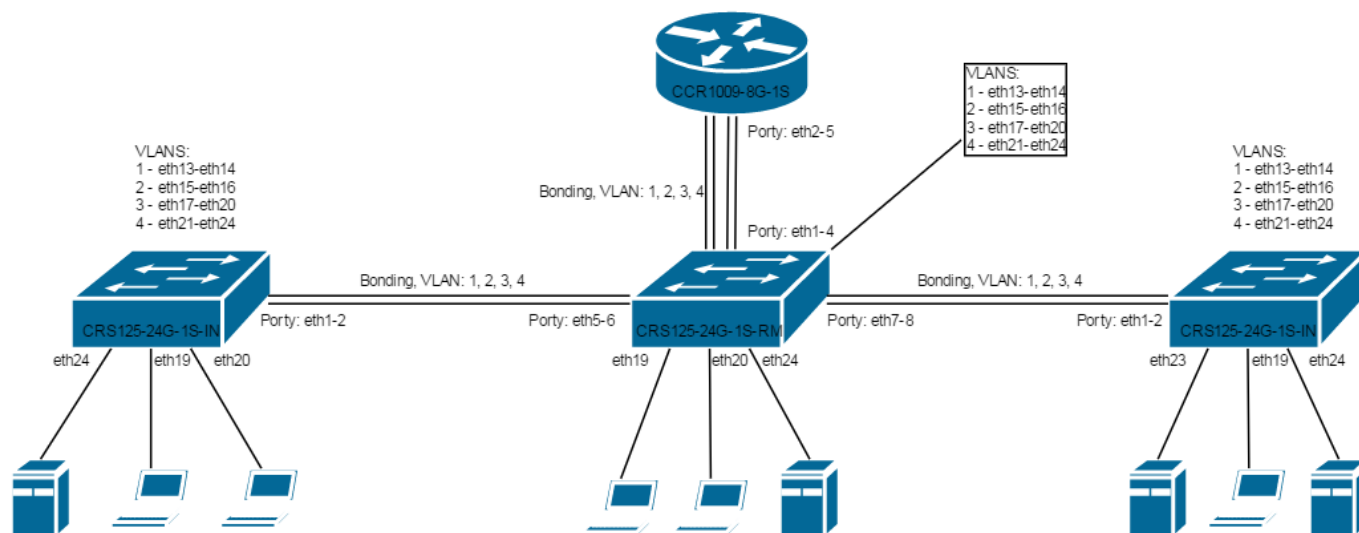


Switche VLANy + Router

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  
/interface ethernet switch ingress-vlan-translation  
add new-customer-vid=1 ports=ether13,ether14  
add new-customer-vid=2 ports=ether15,ether16  
add new-customer-vid=3 ports=ether17,ether18,ether19,ether20  
add new-customer-vid=4 ports=ether21,ether22,ether23,ether24  
/interface ethernet switch vlan  
add ports=trunk-1-2-3-4,trunk-5-6,trunk-7-8,ether13,ether14 vlan-id=1  
add ports=trunk-1-2-3-4,trunk-5-6,trunk-7-8,ether15,ether16 vlan-id=2  
add ports=trunk-1-2-3-4,trunk-5-6,trunk-7-8,ether17,ether18,ether19,ether20  
vlan-id=3  
add ports=trunk-1-2-3-4,trunk-5-6,trunk-7-8,ether21,ether22,ether23,ether24  
vlan-id=4
```

CRS125-24G-1S-IN

```
/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 name=trunk-1-2
```

From:

<https://kamil.orchia.pl/> - **kamil.orchia.pl**

Permanent link:

<https://kamil.orchia.pl/doku.php?id=mikrotik-switch-vlany-router&rev=1494327466>

Last update: **2018/07/16 11:47**

