



2220

sh vlan

sh route

sh interfaces vlan2

sh mac address-table vlan 2

Kaikille als1-4

spanning-tree mode rpvst

spanning-tree

spanning-tree vlan 1,2

Kaikkiin dls1-4

spanning-tree mode rapid-pvst

Dls1 ja 3

spanning-tree vlan-id 1-4094 root primary

```
dls2 ja 4  
spanning-tree vlan-id 1-4094 root secondary
```

Step 2

```
NN46-DLS1(config)#int vlan 2  
NN46-DLS1(config-if-VI2)#vrrp 2 priority-level 120
```

```
NN46-DLS2(config)#int vlan 2  
NN46-DLS2(config-if-VI2)#vrrp 2 priority-level 80
```

```
ALS1  
vlan 5  
  name OFFICE  
  exit  
spanning-tree vlan 5
```

DLS jakelu muille DLS1 konffi

```
interface Vlan5  
  ip address 10.46.105.251/24  
  isis enable LAN  
  isis passive  
  vrrp 5 priority-level 120
```

```
vrrp 5 ipv4 10.46.105.1
```

```
!
```

Secondary DLS

```
interface Vlan2
```

```
  ip address 10.46.102.252/24
```

```
  isis enable LAN
```

```
  isis passive
```

```
  vrrp 2 priority-level 80
```

```
  vrrp 2 ipv4 10.46.102.1
```

Muuta 2 ->5

```
interface Vlan5
```

```
  ip address 10.46.105.252/24
```

```
  isis enable LAN
```

```
  isis passive
```

```
  vrrp 5 priority-level 80
```

```
  vrrp 5 ipv4 10.46.105.1
```

DLS3

```
interface Vlan5
```

```
  ip address 10.46.205.252/24
```

```
isis enable LAN
isis passive
vrrp 5 priority-level 120
vrrp 5 ipv4 10.46.205.1
!
```

DLS4

```
interface Vlan5
ip address 10.46.205.252/24
isis enable LAN
isis passive
vrrp 5 priority-level 80
vrrp 5 ipv4 10.46.205.1
!
```

```
vlan 5
name OFFICE
spanning-tree vlan 5
```

Step2 check

```
ALS1-3
int 1/1/3
vlan access 5
no shutdown
```

ALS4

vlan trunk allowed all

vlan trunk native 2

DC1

ping 10.46.202.1

Kaikille als1-4

ALS1

spanning-tree mode rpvst

spanning-tree

spanning-tree vlan 1,2

vlan 5

name OFFICE

exit

spanning-tree vlan 5

int 1/1/3

vlan access 5

no shutdown

ALS2

```
spanning-tree mode rpvst
spanning-tree
spanning-tree vlan 1,2
```

vlan 5

```
name OFFICE
exit
spanning-tree vlan 5
```

int 1/1/3

```
vlan access 5
no shutdown
```

ALS3

```
spanning-tree mode rpvst
spanning-tree
spanning-tree vlan 1,2
```

vlan 5

```
name OFFICE
exit
spanning-tree vlan 5
```

int 1/1/3

```
vlan access 5
```

```
no shutdown
```

```
ALS4
```

```
spanning-tree mode rpvst
```

```
spanning-tree
```

```
spanning-tree vlan 1,2
```

```
vlan 5
```

```
name OFFICE
```

```
exit
```

```
spanning-tree vlan 5
```

```
int 1/1/3
```

```
vlan trunk allowed all
```

```
vlan trunk native 2
```

```
DLS1
```

```
spanning-tree mode rapid-pvst
```

```
spanning-tree vlan-id 1-4094 root primary
```

```
int vlan 2
```

```
vrrp 2 priority-level 120
```

```
vlan 5
```

name OFFICE

interface Vlan5

ip address 10.46.105.251/24

isis enable LAN

isis passive

vrrp 5 priority-level 120

vrrp 5 ipv4 10.46.105.1

DLS2

spanning-tree mode rapid-pvst

spanning-tree vlan-id 1-4094 root secondary

int vlan 2

vrrp 2 priority-level 80

vlan 5

name OFFICE

interface Vlan5

ip address 10.46.105.251/24

isis enable LAN

isis passive

vrrp 5 priority-level 80

vrrp 5 ipv4 10.46.105.1

DLS3

```
spanning-tree mode rapid-pvst
spanning-tree vlan-id 1-4094 root primary
int vlan 2
vrrp 2 priority-level 120
```

```
vlan 5
name OFFICE
```

```
interface Vlan5
ip address 10.46.205.252/24
isis enable LAN
isis passive
vrrp 5 priority-level 120
vrrp 5 ipv4 10.46.205.1
```

DLS4

```
spanning-tree mode rapid-pvst
spanning-tree vlan-id 1-4094 root secondary
int vlan 2
vrrp 2 priority-level 80
```

```
vlan 5
name OFFICE
```

```
interface Vlan5
```

ip address 10.46.205.252/24

isis enable LAN

isis passive

vrrp 5 priority-level 80

vrrp 5 ipv4 10.46.205.1

PCA

ping

10.46.105.50