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Systeem passwords

Switch1

User exec mode: pxl
Global exec mode: pxl
vlan1: pxl

Switch2

User exec mode: pxl
Global exec mode: pxl
vlan1: pxl

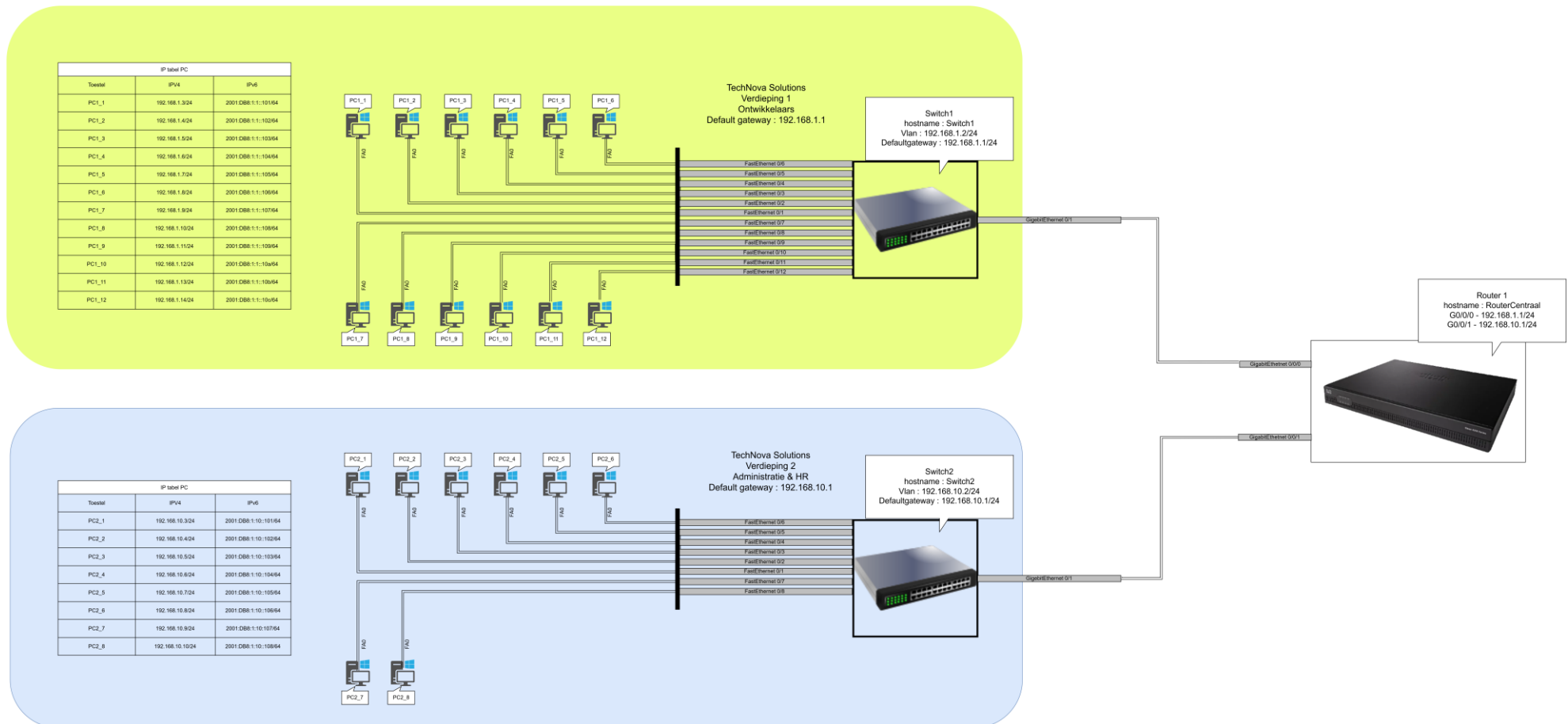
RouterCentraal

User exec mode: pxl
Global exec mode: pxl
vlan1: pxl

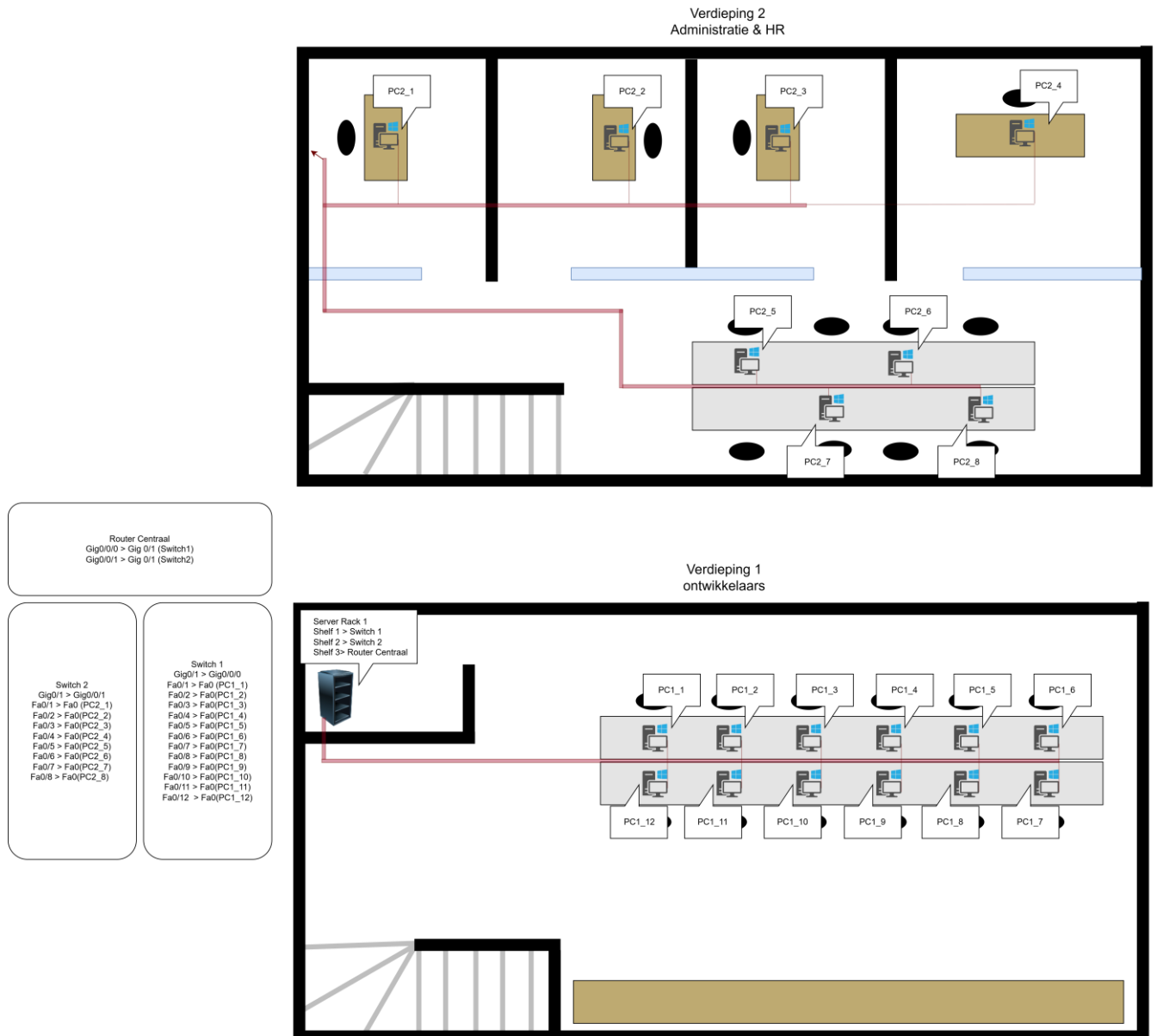
Link naar Github repository

<https://github.com/PXL-Digital-SNE-Werkplekieren/opdracht-documenteren-KennethCroughsPXL>

Logical topology



Physical topology



IP-plan

Apparaat	Interface	IPv4	Default gateway	IPv6	Default Router
Router1	G0/0/0	192.168.1.1/24	N/A	2001:DB8:1:1::1/64	N/A
	G0/0/1	192.168.10.1/24	N/A	2001:DB8:1:10::1/64	N/A
Switch1	Vlan1	192.168.1.2/24	192.168.1.1	N/A	N/A
Switch2	Vlan1	192.168.10.2/24	192.168.10.1	N/A	N/A
PC1_1	FA0	192.168.1.3/24	192.168.1.1	2001:DB8:1:1::101/64	FE80::1
PC1_2	FA0	192.168.1.4/24	192.168.1.1	2001:DB8:1:1::102/64	FE80::1
PC1_3	FA0	192.168.1.5/24	192.168.1.1	2001:DB8:1:1::103/64	FE80::1
PC1_4	FA0	192.168.1.6/24	192.168.1.1	2001:DB8:1:1::104/64	FE80::1
PC1_5	FA0	192.168.1.7/24	192.168.1.1	2001:DB8:1:1::105/64	FE80::1
PC1_6	FA0	192.168.1.8/24	192.168.1.1	2001:DB8:1:1::106/64	FE80::1
PC1_7	FA0	192.168.1.9/24	192.168.1.1	2001:DB8:1:1::107/64	FE80::1
PC1_8	FA0	192.168.1.10/24	192.168.1.1	2001:DB8:1:1::108/64	FE80::1
PC1_9	FA0	192.168.1.11/24	192.168.1.1	2001:DB8:1:1::109/64	FE80::1
PC1_10	FA0	192.168.1.12/24	192.168.1.1	2001:DB8:1:1::10a/64	FE80::1
PC1_11	FA0	192.168.1.13/24	192.168.1.1	2001:DB8:1:1::10b/64	FE80::1
PC1_12	FA0	192.168.1.14/24	192.168.1.1	2001:DB8:1:1::10c/64	FE80::1
PC2_1	FA0	192.168.10.3/24	192.168.10.1	2001:DB8:1:10::101/64	FE80::1
PC2_2	FA0	192.168.10.4/24	192.168.10.1	2001:DB8:1:10::102/64	FE80::1
PC2_3	FA0	192.168.10.5/24	192.168.10.1	2001:DB8:1:10::103/64	FE80::1
PC2_4	FA0	192.168.10.6/24	192.168.10.1	2001:DB8:1:10::104/64	FE80::1
PC2_5	FA0	192.168.10.7/24	192.168.10.1	2001:DB8:1:10::105/64	FE80::1
PC2_6	FA0	192.168.10.8/24	192.168.10.1	2001:DB8:1:10::106/64	FE80::1
PC2_7	FA0	192.168.10.9/24	192.168.10.1	2001:DB8:1:10::107/64	FE80::1
PC2_8	FA0	192.168.10.10/24	192.168.10.1	2001:DB8:1:10::108/64	FE80::1

Apparatenlijst – Routers – Switches – End Devices

Router

Apparaat	Model	Omschrijving	Locatie	IOS	License
ISR4321	Cisco 4321	Centrale router	Kelder > main wire closet	Cisco IOS XE Software, Version 03.16.05.S - Extended Support release	ipbasek9, securityk9
Interface	Omschrijving	Ipv4	Ipv6	MAC address	Routing
G0/0/0	Verbonden met Switch1	192.168.1.1	2001:DB8:1:1::1	0060.7050.7901	N/A
G0/0/1	Verbonden met Switch2	192.168.10.1	2001:DB8:1:10::1	0060.7050.7902	N/A
Vlan	N/A	192.168.11.1	N/A	00D0.BAB9.71E4	N/A

Switch Ontwikkelaars

Apparaat	Model	Omschrijving	Locatie	IOS	Versie
2960 – 24TT	WS-C2960-24TT-L	Switch Ontwikkelaars	Verdieping 1 > technische ruimte	C2960-LANBASEK9-M	15.0(2)SE4

Poort	Link	Omschrijving	Vlan	Ingeschakeld	Native	Trunk	MAC adres
G0/1	Up	IN Router1	1	JA	N/A	N/A	00E0.F90E.8319
G0/2	Down	N/A	1	NEE	N/A	N/A	00E0.F90E.831A
FA0/1	Up	OUT PC1_1	1	JA	N/A	N/A	00E0.F90E.8301
FA0/2	Up	OUT PC1_2	1	JA	N/A	N/A	00E0.F90E.8302
FA0/3	Up	OUT PC1_3	1	JA	N/A	N/A	00E0.F90E.8303
FA0/4	Up	OUT PC1_4	1	JA	N/A	N/A	00E0.F90E.8304
FA0/5	Up	OUT PC1_5	1	JA	N/A	N/A	00E0.F90E.8305
FA0/6	Up	OUT PC1_6	1	JA	N/A	N/A	00E0.F90E.8306
FA0/7	Up	OUT PC1_7	1	JA	N/A	N/A	00E0.F90E.8307
FA0/8	Up	OUT PC1_8	1	JA	N/A	N/A	00E0.F90E.8308
FA0/9	Up	OUT PC1_9	1	JA	N/A	N/A	00E0.F90E.8309
FA0/10	Up	OUT PC1_10	1	JA	N/A	N/A	00E0.F90E.830A
FA0/11	Up	OUT PC1_11	1	JA	N/A	N/A	00E0.F90E.830B
FA0/12	Up	OUT PC1_12	1	JA	N/A	N/A	00E0.F90E.830C
FA0/13	Down	N/A	1	NEE	N/A	N/A	00E0.F90E.830D
FA0/14	Down	N/A	1	NEE	N/A	N/A	00E0.F90E.830E
FA0/15	Down	N/A	1	NEE	N/A	N/A	00E0.F90E.830F
FA0/16	Down	N/A	1	NEE	N/A	N/A	00E0.F90E.8310
FA0/17	Down	N/A	1	NEE	N/A	N/A	00E0.F90E.8311
FA0/18	Down	N/A	1	NEE	N/A	N/A	00E0.F90E.8312
FA0/19	Down	N/A	1	NEE	N/A	N/A	00E0.F90E.8313
FA0/20	Down	N/A	1	NEE	N/A	N/A	00E0.F90E.8314
FA0/21	Down	N/A	1	NEE	N/A	N/A	00E0.F90E.8315
FA0/22	Down	N/A	1	NEE	N/A	N/A	00E0.F90E.8316
FA0/23	Down	N/A	1	NEE	N/A	N/A	00E0.F90E.8317
FA0/24	Down	N/A	1	NEE	N/A	N/A	00E0.F90E.8318

Poort	Link	Omschrijving	Vlan	Ingeschakeld	IPv4	MAC adres
Vlan1	Up	SSH enabled	1	JA	192.168.1.2	000B.BEB3.617E

Switch HR en Administratie

Apparaat		Model	Omschrijving	Locatie	IOS	Versie	
2960 – 24TT		WS-C2960-24TT-L	Switch Administratie & HR	Verdieping 1 > technische ruimte	C2960-LANBASEK9-M	15.0(2)SE4	

Poort	Link	Omschrijving	Vlan	Ingeschakeld	Native	Trunk	MAC adres
G0/1	Up	IN Router1	1	JA	N/A	N/A	0005.5EC5.E919
G0/2	Down	N/A	1	NEE	N/A	N/A	0005.5EC5.E91A
FA0/1	Up	OUT PC2_1	1	JA	N/A	N/A	0005.5EC5.E901
FA0/2	Up	OUT PC2_2	1	JA	N/A	N/A	0005.5EC5.E902
FA0/3	Up	OUT PC2_3	1	JA	N/A	N/A	0005.5EC5.E903
FA0/4	Up	OUT PC2_4	1	JA	N/A	N/A	0005.5EC5.E904
FA0/5	Up	OUT PC2_5	1	JA	N/A	N/A	0005.5EC5.E905
FA0/6	Up	OUT PC2_6	1	JA	N/A	N/A	0005.5EC5.E906
FA0/7	Up	OUT PC2_7	1	JA	N/A	N/A	0005.5EC5.E907
FA0/8	Up	OUT PC2_8	1	JA	N/A	N/A	0005.5EC5.E908
FA0/9	Down	N/A	1	NEE	N/A	N/A	0005.5EC5.E909
FA0/10	Down	N/A	1	NEE	N/A	N/A	0005.5EC5.E90A
FA0/11	Down	N/A	1	NEE	N/A	N/A	0005.5EC5.E90B
FA0/12	Down	N/A	1	NEE	N/A	N/A	0005.5EC5.E90C
FA0/13	Down	N/A	1	NEE	N/A	N/A	0005.5EC5.E90D
FA0/14	Down	N/A	1	NEE	N/A	N/A	0005.5EC5.E90E
FA0/15	Down	N/A	1	NEE	N/A	N/A	0005.5EC5.E90F
FA0/16	Down	N/A	1	NEE	N/A	N/A	0005.5EC5.E910
FA0/17	Down	N/A	1	NEE	N/A	N/A	0005.5EC5.E911
FA0/18	Down	N/A	1	NEE	N/A	N/A	0005.5EC5.E912
FA0/19	Down	N/A	1	NEE	N/A	N/A	0005.5EC5.E913
FA0/20	Down	N/A	1	NEE	N/A	N/A	0005.5EC5.E914
FA0/21	Down	N/A	1	NEE	N/A	N/A	0005.5EC5.E915
FA0/22	Down	N/A	1	NEE	N/A	N/A	0005.5EC5.E916
FA0/23	Down	N/A	1	NEE	N/A	N/A	0005.5EC5.E917
FA0/24	Down	N/A	1	NEE	N/A	N/A	0005.5EC5.E918

Poort	Link	Omschrijving	Vlan	Ingeschakeld	IPv4	MAC adres
Vlan1	Up	SSH enabled	1	JA	192.168.1.2	0090.2167.E1EA

End Devices

Apparaat	OS	IPv4	Default gateway	IPv6	Default Router	MAC adres	Services
PC1_1	PT OS	192.168.1.3	192.168.1.1	2001:DB8:1:1::101	FE80::1	0090.0C2E.3A19	HTTP/HTTPS
PC1_2	PT OS	192.168.1.4	192.168.1.1	2001:DB8:1:1::102	FE80::1	0060.47EC.2CCD	HTTP/HTTPS
PC1_3	PT OS	192.168.1.5	192.168.1.1	2001:DB8:1:1::103	FE80::1	0001.C9D3.DBC3	HTTP/HTTPS
PC1_4	PT OS	192.168.1.6	192.168.1.1	2001:DB8:1:1::104	FE80::1	0000.0CD7.4A10	HTTP/HTTPS
PC1_5	PT OS	192.168.1.7	192.168.1.1	2001:DB8:1:1::105	FE80::1	0060.70D3.4A38	HTTP/HTTPS
PC1_6	PT OS	192.168.1.8	192.168.1.1	2001:DB8:1:1::106	FE80::1	0001.4382.7B0D	HTTP/HTTPS
PC1_7	PT OS	192.168.1.9	192.168.1.1	2001:DB8:1:1::107	FE80::1	000D.BDD6.07A0	HTTP/HTTPS
PC1_8	PT OS	192.168.1.10	192.168.1.1	2001:DB8:1:1::108	FE80::1	0060.3E25.9DD4	HTTP/HTTPS
PC1_9	PT OS	192.168.1.11	192.168.1.1	2001:DB8:1:1::109	FE80::1	0060.7034.70A0	HTTP/HTTPS
PC1_10	PT OS	192.168.1.12	192.168.1.1	2001:DB8:1:1::10a	FE80::1	0090.2159.C5DC	HTTP/HTTPS
PC1_11	PT OS	192.168.1.13	192.168.1.1	2001:DB8:1:1::10b	FE80::1	0001.C913.2C7A	HTTP/HTTPS
PC1_12	PT OS	192.168.1.14	192.168.1.1	2001:DB8:1:1::10c	FE80::1	00E0.8F9B.5C92	HTTP/HTTPS
PC2_1	PT OS	192.168.10.3	192.168.10.1	2001:DB8:1:10::101	FE80::1	0002.1731.B127	HTTP/HTTPS
PC2_2	PT OS	192.168.10.4	192.168.10.1	2001:DB8:1:10::102	FE80::1	000D.BDA2.E320	HTTP/HTTPS
PC2_3	PT OS	192.168.10.5	192.168.10.1	2001:DB8:1:10::103	FE80::1	0090.0C2A.6DA1	HTTP/HTTPS
PC2_4	PT OS	192.168.10.6	192.168.10.1	2001:DB8:1:10::104	FE80::1	0090.2B5C.35B0	HTTP/HTTPS
PC2_5	PT OS	192.168.10.7	192.168.10.1	2001:DB8:1:10::105	FE80::1	0001.649A.653A	HTTP/HTTPS
PC2_6	PT OS	192.168.10.8	192.168.10.1	2001:DB8:1:10::106	FE80::1	000C.CF22.EB69	HTTP/HTTPS
PC2_7	PT OS	192.168.10.9	192.168.10.1	2001:DB8:1:10::107	FE80::1	0060.2FD3.1220	HTTP/HTTPS
PC2_8	PT OS	192.168.10.10	192.168.10.1	2001:DB8:1:10::108	FE80::1	0090.2B53.2617	HTTP/HTTPS

Configuratie's

Switch1

Building configuration...

Current configuration : 1486 bytes

!

version 15.0

no service timestamps log datetime msec

no service timestamps debug datetime msec

service password-encryption

!

hostname Switch1

!

enable secret 5 \$1\$mERr\$NARFGJytzNQ.L1OAZ.TVE/

!

!

!

ip domain-name google.com

!

username Admin secret 5 \$1\$mERr\$NARFGJytzNQ.L1OAZ.TVE/

!

!

!

spanning-tree mode pvst

spanning-tree extend system-id

!

interface FastEthernet0/1

```
!  
interface FastEthernet0/2  
!  
interface FastEthernet0/3  
!  
interface FastEthernet0/4  
!  
interface FastEthernet0/5  
!  
interface FastEthernet0/6  
!  
interface FastEthernet0/7  
!  
interface FastEthernet0/8  
!  
interface FastEthernet0/9  
!  
interface FastEthernet0/10  
!  
interface FastEthernet0/11  
!  
interface FastEthernet0/12  
!  
interface FastEthernet0/13  
!  
interface FastEthernet0/14  
!  
interface FastEthernet0/15
```

```
!  
interface FastEthernet0/16  
!  
interface FastEthernet0/17  
!  
interface FastEthernet0/18  
!  
interface FastEthernet0/19  
!  
interface FastEthernet0/20  
!  
interface FastEthernet0/21  
!  
interface FastEthernet0/22  
!  
interface FastEthernet0/23  
!  
interface FastEthernet0/24  
!  
interface GigabitEthernet0/1  
!  
interface GigabitEthernet0/2  
!  
interface Vlan1  
ip address 192.168.1.2 255.255.255.0  
!  
ip default-gateway 192.168.1.1  
!
```

banner motd ^C

Alleen voor bevoegd personeel! - Verdieping 1

*****^C

!

!

!

line con 0

password 7 08315442

login

!

line vty 0 4

password 7 08315442

login

transport input ssh

line vty 5 15

login

!

!

!

!

end

Switch2

Building configuration...

Current configuration : 1453 bytes

!

version 15.0

```
no service timestamps log datetime msec
no service timestamps debug datetime msec
service password-encryption
!
hostname Switch2
!
enable secret 5 $1$mERr$NARFGJytzNQ.L1OAZ.TVE/
!
!
!
ip domain-name google.com
!
username Admin secret 5 $1$mERr$NARFGJytzNQ.L1OAZ.TVE/
!
!
!
spanning-tree mode pvst
spanning-tree extend system-id
!
interface FastEthernet0/1
!
interface FastEthernet0/2
!
interface FastEthernet0/3
!
interface FastEthernet0/4
!
interface FastEthernet0/5
```

```
!  
interface FastEthernet0/6  
!  
interface FastEthernet0/7  
!  
interface FastEthernet0/8  
!  
interface FastEthernet0/9  
!  
interface FastEthernet0/10  
!  
interface FastEthernet0/11  
!  
interface FastEthernet0/12  
!  
interface FastEthernet0/13  
!  
interface FastEthernet0/14  
!  
interface FastEthernet0/15  
!  
interface FastEthernet0/16  
!  
interface FastEthernet0/17  
!  
interface FastEthernet0/18  
!  
interface FastEthernet0/19
```

```

!
interface FastEthernet0/20
!
interface FastEthernet0/21
!
interface FastEthernet0/22
!
interface FastEthernet0/23
!
interface FastEthernet0/24
!
interface GigabitEthernet0/1
!
interface GigabitEthernet0/2
!
interface Vlan1
ip address 192.168.10.2 255.255.255.0
!
banner motd ^C
*****

Alleen bevoegd personeel! - Verdieping 2
*****

^C
!
!
!

line con 0
password 7 08315442

```



```
login
!
line vty 0 4
password 7 08315442
login
transport input ssh
line vty 5 15
login
!
!
!
!
end
```

RouterCentraal

Building configuration...

Current configuration : 1245 bytes

```
!
version 15.4
no service timestamps log datetime msec
no service timestamps debug datetime msec
service password-encryption
!
hostname RouterCentraal
!
!
!
enable secret 5 $1$mERr$NARFGJytzNQ.L1OAZ.TVE/
```

```
!  
!  
!  
!  
!  
!  
ip cef  
ipv6 unicast-routing  
!  
no ipv6 cef  
!  
!  
!  
username Admin secret 5 $1$mERr$NARFGJytzNQ.L1OAZ.TVE/  
!  
!  
!  
!  
!  
!  
!  
!  
!  
!  
ip domain-name google.com  
!  
!  
spanning-tree mode pvst
```

```

!
!
!
!
!
!
interface GigabitEthernet0/0/0
description LAN1 naar Switch1
ip address 192.168.1.1 255.255.255.0
duplex auto
speed auto
ipv6 address FE80::1 link-local
ipv6 address 2001:DB8:1:1::1/64
!
interface GigabitEthernet0/0/1
description LAN2 naar Switch2
ip address 192.168.10.1 255.255.255.0
duplex auto
speed auto
ipv6 address FE80::1 link-local
ipv6 address 2001:DB8:1:10::1/64
!
interface Vlan1
ip address 192.168.11.1 255.255.255.0
ipv6 address 2001:DB8:1:20::1/64
!
router rip
!

```

```

ip classless
!
ip flow-export version 9
!
!
!
banner motd ^C
*****

Alleen voor bevoegd personeel! Router centraal
*****^C

!
!
!
!
line con 0
password 7 08315442
login
!
line aux 0
!
line vty 0 4
password 7 08315442
login local
transport input ssh
!
!
!
end

```