Impact Influence

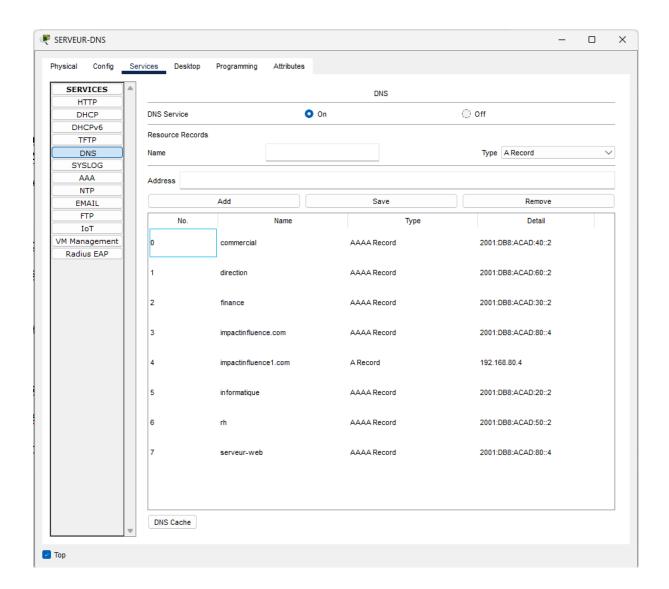# Configuration des équipements

1. Plan d'adressage IP :

L'ADRESSAGE IP - LAN								
NOM DU VLAN	**ID**	**RESEAU /MASQUE DE SOUS-RESEAU**	**PLAGE D'ADRESSES IP**	**PASSERELLE**	**BROADCAST**	**STATUT**	**NBRE D'HOTES**	**COMMENTAIRE**
BATIMENT ROUGE								
SERVEUR DNS	10	192.168.10.0 /29	192.168.10.1 à 192.168.10.6	192.168.10.1	192.168.10.7	STATIC	8	
INFORMATIQUE	20	192.168.20.0 /24	192.168.20.1 à 192.168.20.254	192.168.20.1	192.168.20.254	DHCP	254	
FINANCE	30	192.168.30.0 /24	192.168.30.1 à 192.168.30.254	192.168.30.1	192.168.30.254	DHCP	254	
COMMERCIAL	40	192.168.40.0 /24	192.168.40.1 à 192.168.40.254	192.168.40.1	192.168.40.254	DHCP	254	
RH	50	192.168.50.0 /24	192.168.50.1 à 192.168.50.254	192.168.50.1	192.168.50.254	DHCP	254	
DIRECTION	60	192.168.60.0 /24	192.168.60.1 à 192.168.60.254	192.168.60.1	192.168.60.254	DHCP	254	
BATIMENT VERT								
REUNION	70	192.168.70.0 /24	192.168.70.1 à 192.168.70.254	192.168.70.1	192.168.70.254	STATIC	254	
	NA	2001:DB8:1:2::/64	2001:DB8:1:2::1 à 2001:0DB8:ACAD:1:FFFF:FFFF:FFFF:FFFF	NA	NA	STATIC	2^64	
SERVEUR WEB	80	192.168.80.0 /29	192.168.80.1 à 192.168.80.6	192.168.80.1	192.168.80.7	STATIC	8	impactinfluence.com.
	NA	2001:DB8:1:1::/64	2001:DB8:1:1::1 à 2001:0DB8:ACAD:1:FFFF:FFFF:FFFF:FFFF	NA	NA	STATIC	2^64	
BATIMENT BLEU								
ACCUEIL	90	192.168.90.0 /24	192.168.90.1 à 192.168.90.254	192.168.90.1	192.168.90.254	DHCP	254	
SHOWROOM	100	192.168.100.0 /24	192.168.100.1 à 192.168.100.254	192.168.100.1	192.168.100.254	DHCP	254	

WAN-RTE01 - WAN-RTE02 - WAN-RTE03 - CORE-SWTE01 - DSWTE01 - DSWTE02							
LIAISONS	RESEAU /MASQUE DE SOUS-RESEAU	PLAGE D'ADRESSES IP	PASSERELLE	BROADCAST	STATUT	NBRE D'HOTES	COMMENTAIRE
WAN-RTE01 et WAN-RTE02	132.186.32.32/29	132.186.32.32 à 132.186.32.38	132.186.32.32	132.186.32.39	STATIC	8	Liaison entre le routeur1 et le retour2
	2001:0:CAFE:0::/66	2001:0:CAFE:0:: à 2001:0:CAFE:3:FFFF:FF FF:FFFF:FFFF	NA	NA	STATIC	2^62 - 2	
	fe80::	fe80::1 et fe80::2	NA	NA	STATIC	NA	
WAN-RTE01 et WAN-RTE03	132.186.32.40/29	132.186.32.40 à 132.186.32.46	132.186.32.40	132.186.32.47	STATIC	8	Liaison entre le routeur1 et le retour3
	2001:0:CAFE:4::/66	2001:0:CAFE:4:: à 2001:0:CAFE:7:FFFF:FF FF:FFFF:FFFF	NA	NA	STATIC	2^62 - 2	
	fe80::	fe80::1 et fe80::3	NA	NA	STATIC	NA	
WAN-RTE02 et WAN-RTE03	132.186.32.48/29	132.186.32.48 à 132.186.32.54	132.186.32.48	132.186.32.55	STATIC	8	Liaison entre le routeur2 et le retour3
	2001:0:CAFE:8::/66	2001:0:CAFE:8:: à 2001:0:CAFE:B:FFFF:FF FF:FFFF:FFFF	NA	NA	STATIC	2^62 - 2	
	fe80::	fe80::2 et fe80::3	NA	NA	STATIC	NA	
WAN-RTE01 et CORE-SWTE01	10.30.10.0/30	10.30.10.1 à 10.30.10.2	10.30.10.1	10.30.10.3	STATIC	2	Liaison entre le routeur1 et le switch core
CORE-SWTE01 et DSWTE01	10.30.10.4/30	10.30.10.5 à 10.30.10.6	10.30.10.5	10.30.10.7	STATIC	2	Liaison entre le switch core et le switch distribution 1
CORE-SWTE01 et DSWTE02	10.30.10.8/30	10.30.10.9 à 10.30.10.10	10.30.10.9	10.30.10.11	STATIC	2	Liaison entre le switch core et le switch distribution 2

2. Configuration DNS :

SERVEUR-DNS

Physical | Config | Services | **Desktop** | Programming | Attributes

IP Configuration

IP Configuration

○ DHCP   ● Static

IPv4 Address   192.168.10.5

Subnet Mask   255.255.255.248

Default Gateway   192.168.10.1

DNS Server   192.168.10.5

IPv6 Configuration

○ Automatic   ● Static

IPv6 Address   2001:DB8:ACAD:10::2   /   64

Link Local Address   FE80::20A:41FF:FE73:C45

Default Gateway   2001:DB8:ACAD:10::254

DNS Server   2001:DB8:ACAD:10::2

802.1X

☐ Use 802.1X Security

Authentication   MD5

Username

Password

☑ Top

3. Configuration des routeurs (comprenant les tables de routage, les sous-interfaces et les NAT) :

**************** WAN-RTE01

hostname WAN-RTE01
!
!
enable password 7 083543411B4857445C
!
ipv6 unicast-routing
!
!
username blanchard password 7 083543411B4857445C
!
ip ssh version 2
no ip domain-lookup
ip domain-name impactinfluence.com
!
interface GigabitEthernet0/0

```
 no ip address
 duplex auto
 speed auto
!
interface GigabitEthernet0/1
 ip address 10.30.10.1 255.255.255.252
 ip nat inside
 duplex auto
 speed auto
 ipv6 address 2001:0:CAFE:3::1/64
 ipv6 ospf 1 area 0
!
interface GigabitEthernet0/2
 no ip address
 duplex auto
 speed auto
!
interface Serial0/0/0
 ip address 132.186.32.33 255.255.255.248
 ip nat outside
 ipv6 address 2001:0:CAFE::1/66
 ipv6 ospf 1 area 0
 clock rate 2000000
!
interface Serial0/0/1
 ip address 132.186.32.41 255.255.255.248
 ipv6 address 2001:0:CAFE:4::1/66
 ipv6 ospf 1 area 0
 clock rate 2000000
!
interface Vlan1
 no ip address
!
router ospf 1
 log-adjacency-changes
 network 10.30.10.0 0.0.0.3 area 0
 network 132.186.32.32 0.0.0.7 area 0
 network 132.186.32.40 0.0.0.7 area 0
!
ipv6 router ospf 1
 router-id 1.1.1.1
 log-adjacency-changes
!
ip nat inside source list 1 interface Serial0/0/0 overload
ip classless
ip route 0.0.0.0 0.0.0.0 10.30.10.2
ip route 0.0.0.0 0.0.0.0 132.186.32.34
ip route 0.0.0.0 0.0.0.0 132.186.32.42
!
ip flow-export version 9
```

!
ipv6 route ::/0 2001:0:CAFE:3::2
ipv6 route ::/0 2001:0:CAFE::2
ipv6 route ::/0 2001:0:CAFE:4::2
ipv6 route 2001:DB8:ACAD:30::/64 2001:DB8:ACAD:1::2
!
access-list 1 permit 192.168.10.0 0.0.0.7
access-list 1 permit 192.168.20.0 0.0.0.255
access-list 1 permit 192.168.30.0 0.0.0.255
access-list 1 permit 192.168.40.0 0.0.0.255
access-list 1 permit 192.168.50.0 0.0.0.255
access-list 1 permit 192.168.60.0 0.0.0.255
!
banner motd ^CBIENVENUE CHEZ IMPACT INFLUENCE^C

*************** WAN-RTE02

!
hostname WAN-RTE02
!
enable password 7 083543411B4857445C
!
ipv6 unicast-routing
!
!
ip ssh version 2
no ip domain-lookup
ip domain-name impactinfluence.com
!
interface GigabitEthernet0/1
ip address 192.168.80.2 255.255.255.248
duplex auto
speed auto
ipv6 address 2001:DB8:ACAD:80::254/64
ipv6 ospf 1 area 0
!
interface GigabitEthernet0/2
ip address 192.168.70.1 255.255.255.0
duplex auto
speed auto
ipv6 address 2001:DB8:ACAD:70::254/64
ipv6 ospf 1 area 0
!
interface Serial0/0/0
ip address 132.186.32.34 255.255.255.248
ipv6 address 2001:0:CAFE::2/66
ipv6 ospf 1 area 0
!
interface Serial0/0/1
ip address 132.186.32.49 255.255.255.248
ipv6 address 2001:0:CAFE:8::1/66

```
ipv6 ospf 1 area 0
!
interface Vlan1
no ip address
shutdown
!
router ospf 1
log-adjacency-changes
network 192.168.70.0 0.0.0.255 area 0
network 192.168.80.0 0.0.0.255 area 0
network 132.186.32.32 0.0.0.7 area 0
network 132.186.32.48 0.0.0.7 area 0
!
ipv6 router ospf 1
router-id 2.2.2.2
log-adjacency-changes
!
ip route 0.0.0.0 0.0.0.0 132.186.32.33
ip route 0.0.0.0 0.0.0.0 132.186.32.50
!
ipv6 route ::/0 2001:0:CAFE::1
ipv6 route ::/0 2001:0:CAFE:8::2
ipv6 route 2001:DB8:ACAD:30::/64 2001:0:CAFE::1
!
!
banner motd ^CBIENVENUE CHEZ IMPACT INFLUENCE^C

*************** WAN-RTE03

!
hostname WAN-RTE03
!
enable password 7 083543411B4857445C
!
!
ipv6 unicast-routing
!
username blanchard password 7 083543411B4857445C
!
!
!
ip ssh version 2
no ip domain-lookup
ip domain-name impactinfluence.com
!
!
interface GigabitEthernet0/0
no ip address
duplex auto
speed auto
shutdown
```

```
!
interface GigabitEthernet0/1
ip address 192.168.90.1 255.255.255.0
ip nat inside
duplex auto
speed auto
ipv6 address 2001:DB8:ACAD:90::254/64
ipv6 ospf 1 area 0
!
interface GigabitEthernet0/2
ip address 192.168.100.1 255.255.255.0
ip nat inside
duplex auto
speed auto
ipv6 address 2001:DB8:ACAD:100::254/64
ipv6 ospf 1 area 0
!
interface Serial0/0/0
ip address 132.186.32.50 255.255.255.248
ip nat outside
ipv6 address 2001:0:CAFE:8::2/66
ipv6 ospf 1 area 0
clock rate 2000000
!
interface Serial0/0/1
ip address 132.186.32.42 255.255.255.248
ipv6 address 2001:0:CAFE:4::2/66
ipv6 ospf 1 area 0
!
router ospf 1
log-adjacency-changes
network 192.168.90.0 0.0.0.255 area 0
network 192.168.100.0 0.0.0.255 area 0
network 132.186.32.40 0.0.0.7 area 0
network 132.186.32.48 0.0.0.7 area 0
!
ipv6 router ospf 1
router-id 3.3.3.3
!
ip nat inside source static 192.168.90.254 132.186.32.50
ip nat inside source static 192.168.100.254 132.186.32.50

ip route 0.0.0.0 0.0.0.0 132.186.32.41
ip route 0.0.0.0 0.0.0.0 132.186.32.49
!!
ipv6 route ::/0 2001:0:CAFE:4::1
ipv6 route ::/0 2001:0:CAFE:8::1
!
!
banner motd ^CBIENVENUE CHEZ IMPACT INFLUENCE^C
```

!
!

4. **Configuration des switchs (comprenant les paramètres DHCP, les VLAN, le LACP et les ACL) :**

4.1 Configuration des switchs de type layer 3 :

*************** DSWTE01

service password-encryption
!
hostname DSWTE01
!
!
enable password 7 083543411B4857445C
!
!
ip dhcp excluded-address 192.168.20.1 192.168.20.10
ip dhcp excluded-address 192.168.30.1 192.168.30.10
ip dhcp excluded-address 192.168.40.1 192.168.40.10
ip dhcp excluded-address 192.168.50.1 192.168.50.10
ip dhcp excluded-address 192.168.60.1 192.168.60.10
!
ip dhcp pool VLAN20
network 192.168.20.0 255.255.255.0
default-router 192.168.20.1
dns-server 192.168.10.5
domain-name impactinfluence.com
ip dhcp pool VLAN30
network 192.168.30.0 255.255.255.0
default-router 192.168.30.1
dns-server 192.168.10.5
domain-name impactinfluence.com
ip dhcp pool VLAN40
network 192.168.40.0 255.255.255.0
default-router 192.168.40.1
dns-server 192.168.10.5
domain-name impactinfluence.com
ip dhcp pool VLAN50
network 192.168.50.0 255.255.255.0
default-router 192.168.50.1
dns-server 192.168.10.5
domain-name impactinfluence.com
ip dhcp pool VLAN60
network 192.168.60.0 255.255.255.0
default-router 192.168.60.1
dns-server 192.168.10.5
!

```
!
interface Port-channel1
no switchport
no ip address
ipv6 address 2001:DB8:ACAD:22::1/64
ipv6 ospf 1 area 0
!
interface FastEthernet0/1
switchport access vlan 10
switchport trunk allowed vlan 10,20,30,40,50,60,70,80,90,100
switchport trunk encapsulation dot1q
switchport mode access
!
interface FastEthernet0/2
switchport access vlan 20
switchport trunk allowed vlan 10,20,30,40,50,60,70,80,90,100
switchport trunk encapsulation dot1q
switchport mode access
!
interface FastEthernet0/3
switchport access vlan 30
switchport trunk allowed vlan 10,20,30,40,50,60,70,80,90,100
switchport trunk encapsulation dot1q
switchport mode access
!
interface FastEthernet0/4
switchport access vlan 40
switchport trunk allowed vlan 10,20,30,40,50,60,70,80,90,100
switchport trunk encapsulation dot1q
!
interface FastEthernet0/5
switchport access vlan 50
switchport trunk allowed vlan 10,20,30,40,50,60,70,80,90,100
switchport trunk encapsulation dot1q
switchport mode access
!
interface FastEthernet0/6
switchport access vlan 60
switchport trunk allowed vlan 10,20,30,40,50,60,70,80,90,100
switchport trunk encapsulation dot1q
switchport mode access
!
interface FastEthernet0/10
no switchport
ip address 10.30.10.6 255.255.255.252
duplex auto
speed auto
ipv6 address 2001:DB8:ACAD:1::1/64
ipv6 ospf 1 area 0
!
```

!
interface FastEthernet0/21
no switchport
no ip address
channel-group 1 mode on
duplex auto
speed auto

interface FastEthernet0/21
no switchport
no ip address
channel-group 1 mode on
duplex auto
speed auto
!
interface FastEthernet0/22
no switchport
no ip address
channel-group 1 mode on
duplex auto
speed auto
!
interface FastEthernet0/23
no switchport
no ip address
channel-group 1 mode on
duplex auto
speed auto
!
interface FastEthernet0/24
no switchport
no ip address
channel-group 1 mode on
duplex auto
speed auto
!
interface GigabitEthernet0/1
!
interface GigabitEthernet0/2
!
interface Vlan1
no ip address
shutdown
!
interface Vlan10
description interface_vlan10
mac-address 00e0.8f03.cc01
ip address 192.168.10.1 255.255.255.248
ipv6 address 2001:DB8:ACAD:10::254/64
ipv6 ospf 1 area 0

```
!
interface Vlan20
description interface_vlan20
mac-address 00e0.8f03.cc02
ip address 192.168.20.1 255.255.255.0
ipv6 address 2001:DB8:ACAD:20::254/64
ipv6 ospf 1 area 0
!
interface Vlan30
description interface_vlan30
mac-address 00e0.8f03.cc03
ip address 192.168.30.1 255.255.255.0
ip access-group 130 in
ipv6 address 2001:DB8:ACAD:30::254/64
ipv6 ospf 1 area 0
!
interface Vlan40
description interface_vlan40
mac-address 00e0.8f03.cc04
ip address 192.168.40.1 255.255.255.0
ip access-group 140 in
ipv6 address 2001:DB8:ACAD:40::254/64
ipv6 ospf 1 area 0
!
interface Vlan50
description interface_vlan50
mac-address 00e0.8f03.cc05
ip address 192.168.50.1 255.255.255.0
ip access-group 150 in
ipv6 address 2001:DB8:ACAD:50::254/64
ipv6 ospf 1 area 0
!
interface Vlan60
description interface_vlan60
mac-address 00e0.8f03.cc06
ip address 192.168.60.1 255.255.255.0
ip access-group 160 in
ipv6 address 2001:DB8:ACAD:60::254/64
ipv6 ospf 1 area 0
!
interface Vlan70
description interface_vlan70
mac-address 00e0.8f03.cc07
ip address 192.168.70.1 255.255.255.0
ipv6 address 2001:DB8:ACAD:70::254/64
ipv6 ospf 1 area 0
!
interface Vlan80
description interface_vlan80
mac-address 00e0.8f03.cc08
```

```
ip address 192.168.80.1 255.255.255.0
ipv6 address 2001:DB8:ACAD:80::254/64
ipv6 ospf 1 area 0
!
interface Vlan90
description interface_vlan90
mac-address 00e0.8f03.cc09
ip address 192.168.90.1 255.255.255.0
ipv6 address 2001:DB8:ACAD:90::254/64
ipv6 ospf 1 area 0
!
interface Vlan100
description interface_vlan100
mac-address 00e0.8f03.cc0a
ip address 192.168.100.1 255.255.255.0
ipv6 address 2001:DB8:ACAD:100::254/64
ipv6 ospf 1 area 0
!
router ospf 1
log-adjacency-changes
network 10.30.10.4 0.0.0.3 area 0
network 192.168.10.0 0.0.0.255 area 0
network 192.168.20.0 0.0.0.255 area 0
network 192.168.30.0 0.0.0.255 area 0
network 192.168.40.0 0.0.0.255 area 0
network 192.168.50.0 0.0.0.255 area 0
network 192.168.60.0 0.0.0.255 area 0
!
ipv6 router ospf 1
router-id 10.10.10.10
log-adjacency-changes
!
ip classless
!
ip flow-export version 9
!
ipv6 route ::/0 2001:DB8:ACAD:2::2
ipv6 route ::/0 2001:DB8:ACAD:1::2
ipv6 route ::/0 2001:DB8:ACAD:22::2
ipv6 route 2001:0:CAFE:3::/64 2001:DB8:ACAD:1::2
ipv6 route 2001:0:CAFE::/66 2001:DB8:ACAD:1::2
ipv6 route 2001:DB8:ACAD:70::/64 2001:DB8:ACAD:1::2
ipv6 route 2001:DB8:ACAD:80::/64 2001:DB8:ACAD:1::2
ipv6 route 2001:DB8:ACAD:90::/64 2001:DB8:ACAD:1::2
ipv6 route 2001:DB8:ACAD:100::/64 2001:DB8:ACAD:1::2
!
access-list 130 deny icmp 192.168.30.0 0.0.0.255 192.168.20.0 0.0.0.255 echo
access-list 130 permit ip any any
access-list 140 deny icmp 192.168.40.0 0.0.0.255 192.168.20.0 0.0.0.255 echo
access-list 140 permit ip any any
```

```
access-list 150 deny icmp 192.168.50.0 0.0.0.255 192.168.20.0 0.0.0.255 echo
access-list 150 permit ip any any
access-list 160 deny icmp 192.168.60.0 0.0.0.255 192.168.20.0 0.0.0.255 echo
access-list 160 permit ip any any
!
banner motd ^CBIENVENUE CHEZ IMPACT INFLUENCE^C
!
```

*************** DSWTE02

```
service password-encryption
!
hostname DSWTE02
!
!
enable password 7 083543411B4857445C
!
ip dhcp excluded-address 192.168.20.1 192.168.20.10
ip dhcp excluded-address 192.168.30.1 192.168.30.10
ip dhcp excluded-address 192.168.40.1 192.168.40.10
ip dhcp excluded-address 192.168.50.1 192.168.50.10
ip dhcp excluded-address 192.168.60.1 192.168.60.10
!
ip dhcp pool VLAN20
network 192.168.20.0 255.255.255.0
default-router 192.168.20.1
dns-server 192.168.10.5
domain-name impactinfluence.com
ip dhcp pool VLAN30
network 192.168.30.0 255.255.255.0
default-router 192.168.30.1
dns-server 192.168.10.5
domain-name impactinfluence.com
ip dhcp pool VLAN40
network 192.168.40.0 255.255.255.0
default-router 192.168.40.1
dns-server 192.168.10.5
domain-name impactinfluence.com
ip dhcp pool VLAN50
network 192.168.50.0 255.255.255.0
default-router 192.168.50.1
dns-server 192.168.10.5
domain-name impactinfluence.com
ip dhcp pool VLAN60
network 192.168.60.0 255.255.255.0
default-router 192.168.60.1
dns-server 192.168.10.5
domain-name w
!
```

```
!
ip routing
!
ipv6 unicast-routing
!
username blanchard password 7 083543411B4857445C

interface Port-channel1
no switchport
no ip address
ipv6 address 2001:DB8:ACAD:22::1/64
ipv6 ospf 1 area 0
!
interface FastEthernet0/1
switchport access vlan 10
switchport trunk allowed vlan 10,20,30,40,50,60,70,80,90,100
switchport trunk encapsulation dot1q
switchport mode access
!
interface FastEthernet0/2
switchport access vlan 20
switchport trunk allowed vlan 10,20,30,40,50,60,70,80,90,100
switchport trunk encapsulation dot1q
switchport mode access
!
interface FastEthernet0/3
switchport access vlan 30
switchport trunk allowed vlan 10,20,30,40,50,60,70,80,90,100
switchport trunk encapsulation dot1q
switchport mode access
!
interface FastEthernet0/4
switchport access vlan 40
switchport trunk allowed vlan 10,20,30,40,50,60,70,80,90,100
switchport trunk encapsulation dot1q
!
interface FastEthernet0/5
switchport access vlan 50
switchport trunk allowed vlan 10,20,30,40,50,60,70,80,90,100
switchport trunk encapsulation dot1q
switchport mode access
!
interface FastEthernet0/6
switchport access vlan 60
switchport trunk allowed vlan 10,20,30,40,50,60,70,80,90,100
switchport trunk encapsulation dot1q
switchport mode access
!
!
interface FastEthernet0/10
no switchport
```

```
ip address 10.30.10.6 255.255.255.252
duplex auto
speed auto
ipv6 address 2001:DB8:ACAD:1::1/64
ipv6 ospf 1 area 0
!
interface FastEthernet0/21
no switchport
no ip address
channel-group 1 mode on
duplex auto
speed auto
!
interface FastEthernet0/22
no switchport
no ip address
channel-group 1 mode on
duplex auto
speed auto
!
interface FastEthernet0/23
no switchport
no ip address
channel-group 1 mode on
duplex auto
speed auto
!
interface FastEthernet0/24
no switchport
no ip address
channel-group 1 mode on
duplex auto
speed auto
!
interface Vlan1
no ip address
shutdown
!
interface Vlan10
description interface_vlan10
mac-address 00e0.8f56.c301
ip address 192.168.10.1 255.255.255.248
ipv6 address 2001:DB8:ACAD:10::254/64
ipv6 ospf 1 area 0
!
interface Vlan20
description interface_vlan20
mac-address 00e0.8f56.c302
ip address 192.168.20.1 255.255.255.0
ipv6 address 2001:DB8:ACAD:20::254/64
```

```
ipv6 ospf 1 area 0
!
interface Vlan30
description interface_vlan30
mac-address 00e0.8f56.c303
ip address 192.168.30.1 255.255.255.0
ip access-group 130 in
ipv6 address 2001:DB8:ACAD:30::254/64
ipv6 ospf 1 area 0
!
interface Vlan40
description interface_vlan40
mac-address 00e0.8f56.c304
ip address 192.168.40.1 255.255.255.0
ip access-group 140 in
ipv6 address 2001:DB8:ACAD:40::254/64
ipv6 ospf 1 area 0
!
interface Vlan50
description interface_vlan50
mac-address 00e0.8f56.c305
ip address 192.168.50.1 255.255.255.0
ip access-group 150 in
ipv6 address 2001:DB8:ACAD:50::254/64
ipv6 ospf 1 area 0
!
interface Vlan60
description interface_vlan60
mac-address 00e0.8f56.c306
ip address 192.168.60.1 255.255.255.0
ip access-group 160 in
ipv6 address 2001:DB8:ACAD:60::254/64
ipv6 ospf 1 area 0
!
interface Vlan70
description interface_vlan70
mac-address 00e0.8f56.c307
ip address 192.168.70.1 255.255.255.0
ipv6 address 2001:DB8:ACAD:70::254/64
ipv6 ospf 1 area 0
!
interface Vlan80
description interface_vlan80
mac-address 00e0.8f56.c308
ip address 192.168.80.1 255.255.255.0
ipv6 address 2001:DB8:ACAD:80::254/64
ipv6 ospf 1 area 0
!
interface Vlan90
description interface_vlan90
```

```
mac-address 00e0.8f56.c309
ip address 192.168.90.1 255.255.255.0
ipv6 address 2001:DB8:ACAD:90::254/64
ipv6 ospf 1 area 0
!
interface Vlan100
description interface_vlan100
mac-address 00e0.8f56.c30a
ip address 192.168.100.1 255.255.255.0
ipv6 address 2001:DB8:ACAD:100::254/64
ipv6 ospf 1 area 0
!
router ospf 1
log-adjacency-changes
network 10.30.10.4 0.0.0.3 area 0
network 192.168.10.0 0.0.0.255 area 0
network 192.168.20.0 0.0.0.255 area 0
network 192.168.30.0 0.0.0.255 area 0
network 192.168.40.0 0.0.0.255 area 0
network 192.168.50.0 0.0.0.255 area 0
network 192.168.60.0 0.0.0.255 area 0
!
ipv6 router ospf 1
router-id 11.11.11.11
log-adjacency-changes
!
ip route 0.0.0.0 0.0.0.0 10.30.10.1
ip route 0.0.0.0 0.0.0.0 10.30.10.9
!!
ipv6 route ::/0 2001:DB8:ACAD:1::2
ipv6 route ::/0 2001:DB8:ACAD:2::2
ipv6 route ::/0 2001:DB8:ACAD:22::1
ipv6 route 2001:0:CAFE:3::/64 2001:DB8:ACAD:2::2
ipv6 route 2001:0:CAFE::/66 2001:DB8:ACAD:2::2
ipv6 route 2001:DB8:ACAD:70::/64 2001:DB8:ACAD:2::2
ipv6 route 2001:DB8:ACAD:80::/64 2001:DB8:ACAD:2::2
ipv6 route 2001:DB8:ACAD:90::/64 2001:DB8:ACAD:2::2
ipv6 route 2001:DB8:ACAD:100::/64 2001:DB8:ACAD:2::2
!
access-list 130 deny icmp 192.168.30.0 0.0.0.255 192.168.20.0 0.0.0.255 echo
access-list 130 permit ip any any
access-list 140 deny icmp 192.168.40.0 0.0.0.255 192.168.20.0 0.0.0.255 echo
access-list 140 permit ip any any
access-list 150 deny icmp 192.168.50.0 0.0.0.255 192.168.20.0 0.0.0.255 echo
access-list 150 permit ip any any
access-list 160 deny icmp 192.168.60.0 0.0.0.255 192.168.20.0 0.0.0.255 echo
access-list 160 permit ip any any
!
banner motd ^CBIENVENUE CHEZ IMPACT INFLUENCE^C
!
```

4.2 **Configuration des switchs de type layer 2 :**

```
service password-encryption
!
hostname ROUGE-ASWTE01
!
enable password 7 083543411B4857445C
!
!
!
ip ssh version 2
no ip domain-lookup
ip domain-name impactinfluence.com
!
username blanchard privilege 1 password 7 083543411B4857445C
!
!
vlan 10
name SERVEUR-DNS
vlan 20
name INFORMATIQUE
vlan 30
name FINANCE
vlan 40
name COMMERCIAL
vlan 50
name RH
vlan 60
name DIRECTION
vlan 70
name REUNION
vlan 80
name SERVEUR-WEB
vlan 90
name SHOWROOM
vlan 100
name ACCUEIL
do wr
exit
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
no ip address
shutdown
```

```
!
banner motd ^CBIENVENUE CHEZ IMPACT INFLUENCE^C
!
!
!
line con 0
password 7 083543411B4857445C
!
line vty 0 4
login
line vty 5 15
login
!
!
!
!
end
```