

Switch Coeur CISCO 3750

BASE VLAN

```
en
conf t
vlan 2
name IMFORMATIQUE
exit
vlan 3
name MULTIMEDIA
exit
vlan 4
name PRODUCTIQUE
exit
vlan 5
name SERVEURS
exit
vlan 6
name WAN
exit
vlan 7
name ADMINISTRATION
exit
vlan 8
name CDI
exit
vlan 9
name PROFS
exit
vlan 10
name SALLE25
exit
vlan 11
name WIFI1
exit
vlan 20
name DMZ
exit
```

CONF VTP

```
en
conf t
vtp mode server
vtp domain lprs.org
vtp version 2
end
```

CONF RUNNING-CONFIG
#####

Current configuration : 7553 bytes
version 12.2(37)SE1

```
no service timestamps log datetime msec
no service timestamps debug datetime msec
no service password-encryption
```

```
hostname coeur
ip dhcp relay information trust-all
ip routing
ip domain-name lprs.org
spanning-tree mode pvst
```

```
##### CONF DES PORTS #####
```

```
interface FastEthernet2/0/1
switchport access vlan 6
switchport mode access
spanning-tree portfast
no shutdown
```

```
interface FastEthernet2/0/2
switchport access vlan 6
switchport mode access
spanning-tree portfast
no shutdown
```

```
interface FastEthernet2/0/3
switchport access vlan 5
switchport mode access
spanning-tree portfast
no shutdown
```

```
interface FastEthernet2/0/4
switchport access vlan 5
switchport mode access
spanning-tree portfast
no shutdown
```

```
interface FastEthernet2/0/5
switchport access vlan 5
switchport mode access
spanning-tree portfast
no shutdown
```

```
interface FastEthernet2/0/6
switchport access vlan 5
switchport mode access
spanning-tree portfast
no shutdown
```

```
interface FastEthernet2/0/7
switchport access vlan 5
switchport mode access
spanning-tree portfast
no shutdown
```

```
interface FastEthernet2/0/8
switchport access vlan 5
switchport mode access
spanning-tree portfast
no shutdown
```

```
interface FastEthernet2/0/9
switchport access vlan 5
switchport mode access
spanning-tree portfast
no shutdown
```

```
interface FastEthernet2/0/10
switchport access vlan 5
switchport mode access
spanning-tree portfast
no shutdown
```

```
interface FastEthernet2/0/11
switchport access vlan 5
switchport mode access
spanning-tree portfast
no shutdown
```

```
interface FastEthernet2/0/12
switchport access vlan 5
switchport mode access
spanning-tree portfast
no shutdown
```

```
interface FastEthernet2/0/13
switchport access vlan 5
switchport mode access
spanning-tree portfast
no shutdown
```

```
interface FastEthernet2/0/14
switchport access vlan 5
switchport mode access
spanning-tree portfast
no shutdown
```

```
interface FastEthernet2/0/15
switchport access vlan 5
switchport mode access
spanning-tree portfast
no shutdown
```

```
interface FastEthernet2/0/16
switchport access vlan 5
switchport mode access
spanning-tree portfast
no shutdown
```

```
interface FastEthernet2/0/17
switchport access vlan 5
switchport mode access
spanning-tree portfast
no shutdown
```

```
interface FastEthernet2/0/18
switchport access vlan 5
switchport mode access
spanning-tree portfast
no shutdown
```

```
interface FastEthernet2/0/19
switchport access vlan 5
switchport mode access
spanning-tree portfast
no shutdown
```

```
interface FastEthernet2/0/20
switchport access vlan 5
switchport mode access
spanning-tree portfast
no shutdown
```

```
interface FastEthernet2/0/21
switchport access vlan 5
switchport mode access
spanning-tree portfast
no shutdown
```

```
interface FastEthernet2/0/22
switchport access vlan 5
switchport mode access
spanning-tree portfast
no shutdown
```

```
interface FastEthernet2/0/23
switchport trunk allowed vlan 5-7,20
switchport trunk encapsulation dot1q
switchport mode trunk
no shutdown
```

```
interface FastEthernet2/0/24
switchport trunk encapsulation dot1q
switchport mode trunk
no shutdown
```

```
interface GigabitEthernet2/0/1
```

```
interface GigabitEthernet2/0/2
```

```
##### CONF DES INTERFACES VLAN ET POOL DHCP
#####
```

```
interface Vlan1
noip address
shutdown
```

```
interface Vlan2
ip address 172.30.32.1 255.255.240.0
ip dhcp pool INFORMATIQUE
network 172.30.32.0 255.255.240.0
default-router 172.30.32.1
dns-server 172.30.0.5
ip access-group 102 in
```

```
interface Vlan3
ip address 172.30.32.1 255.255.240.0
ip dhcp pool MULTIMEDIA
network 172.30.48.0 255.255.240.0
default-router 172.30.48.1
dns-server 172.30.0.5
ip access-group 103 in
```

```
interface Vlan4
ip address 172.30.32.1 255.255.240.0
ip dhcp pool PRODUCTIQUE
network 172.30.64.0 255.255.240.0
default-router 172.30.64.1
dns-server 172.30.0.5
ip access-group 104 in
```

```
interface Vlan5
ip address 172.30.0.1 255.255.240.0
```

```
interface Vlan6
ip address 192.168.103.1 255.255.255.0
```

```
interface Vlan7
ip address 172.30.32.1 255.255.240.0
ip dhcp pool ADMINISTRATION
network 192.168.100.0 255.255.255.0
default-router 192.168.100.1
dns-server 172.30.0.5
no ip access-group 120 out
```

```
interface Vlan8
ip address 172.30.32.1 255.255.240.0
ip dhcp pool CDI
network 172.30.128.0 255.255.240.0
default-router 172.30.128.1
dns-server 172.30.0.5
ip access-group 108 in
```

```
interface Vlan9
ip address 172.30.32.1 255.255.240.0
ip dhcp pool PROFS
```

```
network 172.30.144.0 255.255.240.0
default-router 172.30.144.1
dns-server 172.30.0.5
ip access-group 109 in
```

```
interface Vlan10
ip address 172.30.32.1 255.255.240.0
ip dhcp pool SALLE25
network 172.30.160.0 255.255.240.0
default-router 172.30.160.1
dns-server 172.30.0.5
ip access-group 110 in
```

```
interface Vlan11
ip address 172.30.32.1 255.255.240.0
ip dhcp pool WIFI1
network 172.30.176.0 255.255.240.0
default-router 172.30.176.1
dns-server 172.30.0.5
ip access-group 111 in
```

```
interface Vlan20
ip address 192.168.102.1 255.255.255.0
```

```
ip classless
```

```
ip flow-export version 9
```

```
##### CONF DES ACLs #####
```

```
access-list 102 permit ip 172.30.0.0 0.0.15.255 172.30.32.0 0.0.15.255
access-list 102 permit ip 172.30.32.0 0.0.15.255 172.30.0.0 0.0.15.255
access-list 102 permit udp any eq bootpc any eq bootps
access-list 102 permit udp any eq bootps any eq bootpc
access-list 102 deny ip any any
access-list 103 permit ip 172.30.0.0 0.0.15.255 172.30.48.0 0.0.15.255
access-list 103 permit ip 172.30.48.0 0.0.15.255 172.30.0.0 0.0.15.255
access-list 103 permit udp any eq bootpc any eq bootps
access-list 103 permit udp any eq bootps any eq bootpc
access-list 103 deny ip any any
access-list 104 permit ip 172.30.0.0 0.0.15.255 172.30.64.0 0.0.15.255
access-list 104 permit ip 172.30.64.0 0.0.15.255 172.30.0.0 0.0.15.255
access-list 104 permit udp any eq bootpc any eq bootps
access-list 104 permit udp any eq bootps any eq bootpc
access-list 104 deny ip any any
access-list 107 permit ip 172.30.0.0 0.0.15.255 192.168.100.0 0.0.0.255
access-list 107 permit ip 192.168.100.0 0.0.0.255 172.30.0.0 0.0.15.255
access-list 107 permit udp any eq bootpc any eq bootps
access-list 107 permit udp any eq bootps any eq bootpc
access-list 107 deny ip any any
access-list 108 permit ip 172.30.0.0 0.0.15.255 172.30.128.0 0.0.15.255
access-list 108 permit ip 172.30.128.0 0.0.15.255 172.30.0.0 0.0.15.255
access-list 108 permit udp any eq bootpc any eq bootps
access-list 108 permit udp any eq bootps any eq bootpc
```

```

access-list 108 deny ip any any
access-list 109 permit ip 172.30.0.0 0.0.15.255 172.30.144.0 0.0.15.255
access-list 109 permit ip 172.30.144.0 0.0.15.255 172.30.0.0 0.0.15.255
access-list 109 permit udp any eq bootpc any eq bootps
access-list 109 permit udp any eq bootps any eq bootpc
access-list 109 deny ip any any
access-list 110 permit ip 172.30.0.0 0.0.15.255 172.30.160.0 0.0.15.255
access-list 110 permit ip 172.30.160.0 0.0.15.255 172.30.0.0 0.0.15.255
access-list 110 permit udp any eq bootpc any eq bootps
access-list 110 permit udp any eq bootps any eq bootpc
access-list 110 deny ip any any
access-list 111 permit ip 172.30.0.0 0.0.15.255 172.30.176.0 0.0.15.255
access-list 111 permit ip 172.30.176.0 0.0.15.255 172.30.0.0 0.0.15.255
access-list 111 permit udp any eq bootpc any eq bootps
access-list 111 permit udp any eq bootps any eq bootpc
access-list 111 deny ip any any

```

```

line con 0
line aux 0
line vty 0 4
login
end

```

Show vlan

coeur#sh vl

| VLAN | Name | Status | Ports |
|------|--------------------|--------|-------------------------|
| 1 | default | active | Fa0/23, Gig0/1, Gig0/2 |
| 2 | INFORMATIQUE | active | |
| 3 | MULTIMEDIA | active | |
| 4 | PRODUCTIQUE | active | |
| 5 | SERVEURS | active | Fa0/3, Fa0/4, Fa0/5, |
| | | | Fa0/6 |
| | | | Fa0/7, Fa0/8, Fa0/9, |
| | | | Fa0/10 |
| | | | Fa0/11, Fa0/12, Fa0/13, |
| | | | Fa0/14 |
| | | | Fa0/15, Fa0/16, Fa0/17, |
| | | | Fa0/18 |
| | | | Fa0/19, Fa0/20, Fa0/21, |
| | | | Fa0/22 |
| 6 | WAN | active | Fa0/1, Fa0/2 |
| 7 | ADMINISTRATION | active | |
| 8 | CDI | active | |
| 9 | PROFS | active | |
| 10 | SALLE25 | active | |
| 11 | WIFI1 | active | |
| 20 | DMZ | active | |
| 1002 | fddi-default | active | |
| 1003 | token-ring-default | active | |
| 1004 | fddinet-default | active | |

1005 trnet-default active

| VLAN | Type | SAID | MTU | Parent | RingNo | BridgeNo | Stp | BrdgMode | Trans1 | Trans2 |
|------|-------|--------|------|--------|--------|----------|------|----------|--------|--------|
| 1 | enet | 100001 | 1500 | - | - | - | - | - | 0 | 0 |
| 2 | enet | 100002 | 1500 | - | - | - | - | - | 0 | 0 |
| 3 | enet | 100003 | 1500 | - | - | - | - | - | 0 | 0 |
| 4 | enet | 100004 | 1500 | - | - | - | - | - | 0 | 0 |
| 5 | enet | 100005 | 1500 | - | - | - | - | - | 0 | 0 |
| 6 | enet | 100006 | 1500 | - | - | - | - | - | 0 | 0 |
| 7 | enet | 100007 | 1500 | - | - | - | - | - | 0 | 0 |
| 8 | enet | 100008 | 1500 | - | - | - | - | - | 0 | 0 |
| 9 | enet | 100009 | 1500 | - | - | - | - | - | 0 | 0 |
| 10 | enet | 100010 | 1500 | - | - | - | - | - | 0 | 0 |
| 11 | enet | 100011 | 1500 | - | - | - | - | - | 0 | 0 |
| 20 | enet | 100020 | 1500 | - | - | - | - | - | 0 | 0 |
| 1002 | fddi | 101002 | 1500 | - | - | - | - | - | 0 | 0 |
| 1003 | tr | 101003 | 1500 | - | - | - | - | - | 0 | 0 |
| 1004 | fdnet | 101004 | 1500 | - | - | - | ieee | - | 0 | 0 |
| 1005 | trnet | 101005 | 1500 | - | - | - | ibm | - | 0 | 0 |

| VLAN | Type | SAID | MTU | Parent | RingNo | BridgeNo | Stp | BrdgMode | Trans1 | Trans2 |
|------|------|------|-----|--------|--------|----------|-----|----------|--------|--------|
|------|------|------|-----|--------|--------|----------|-----|----------|--------|--------|

Remote SPAN VLANs

| Primary | Secondary | Type | Ports |
|---------|-----------|------|-------|
|---------|-----------|------|-------|

Show vtp

```
coeur#sh vtp status
VTP Version capable      : 1 to 2
VTP version running      : 2
VTP Domain Name          : lprs.org
VTP Pruning Mode         : Disabled
VTP Traps Generation     : Disabled
Device ID                 : 0060.7039.B500
Configuration last modified by 0.0.0.0 at 3-1-93 00:08:12
Local updater ID is 172.30.32.1 on interface Vl2 (lowest numbered VLAN
interface found)
```

Feature VLAN :

```
VTP Operating Mode       : Server
Maximum VLANs supported locally : 1005
Number of existing VLANs   : 16
```


| | | |
|------------------------|---|------------------------------------|
| Configuration Revision | : | 22 |
| MD5 digest | : | 0x1A 0x82 0x9D 0x90 0x0C 0xB6 0x5B |
| 0x7C | | 0xB3 0x10 0x78 0x94 0x90 0x0A 0x5B |
| 0x94 | | |