**Table des matières**

Cisco 3120 ..... 3

**Cisco 3120**

| Cisco IOS Software CLI Identifier | Port Location in the (when using full-height servers) | Port Location in the Enclosure (when using half-height servers) |
|---|---|---|
| **GigabitEthernet x/0/1** | Server Slot 1 Upper | Server Slot 1 |
| **GigabitEthernet x/0/2** | Server Slot 2 Upper | Server Slot 2 |
| **GigabitEthernet x/0/3** | Server Slot 3 Upper | Server Slot 3 |
| **GigabitEthernet x/0/4** | Server Slot 4 Upper | Server Slot 4 |
| **GigabitEthernet x/0/5** | Server Slot 5 Upper | Server Slot 5 |
| **GigabitEthernet x/0/6** | Server Slot 6 Upper | Server Slot 6 |
| **GigabitEthernet x/0/7** | Server Slot 7 Upper | Server Slot 7 |
| **GigabitEthernet x/0/8** | Server Slot 8 Upper | Server Slot 8 |
| **GigabitEthernet x/0/9** | Server Slot 1 Lower | Server Slot 9 |
| **GigabitEthernet x/0/10** | Server Slot 2 Lower | Server Slot 10 |
| **GigabitEthernet x/0/11** | Server Slot 3 Lower | Server Slot 11 |
| **GigabitEthernet x/0/12** | Server Slot 4 Lower | Server Slot 12 |
| **GigabitEthernet x/0/13** | Server Slot 5 Lower | Server Slot 13 |
| **GigabitEthernet x/0/14** | Server Slot 6 Lower | Server Slot 14 |
| **GigabitEthernet x/0/15** | Server Slot 7 Lower | Server Slot 15 |
| **GigabitEthernet x/0/16** | Server Slot 8 Lower | Server Slot 16 |

```
C7KBC62-3120-Left#show vlan

VLAN Name                             Status    Ports
---- -------------------------------- --------- -------------------------------
1    default                          active    Gi1/0/3, Gi1/0/4, Gi1/0/19, Gi1/0/20, Gi1/0/21, Gi1/0/22
2    native                           active
10   Internal                         active
20   Test-Dev                         active    Gi1/0/5, Gi1/0/24
93   iSCSI                            active    Gi1/0/15, Gi1/0/16, Gi1/0/26
104  ADMIN_New                        active
115  Hosting_proj_B6                  active    Gi1/0/6, Gi1/0/13, Gi1/0/23
116  Hosting_proj_interB              active    Gi1/0/9, Gi1/0/10, Gi1/0/12, Gi1/0/25
1002 fddi-default                     act/unsup
1003 token-ring-default               act/unsup
1004 fddinet-default                  act/unsup
1005 trnet-default                    act/unsup
```

- Créer un VLAN

```
BC0002-3120-Left>en
BC0002-3120-Left#conf t
Enter configuration commands, one per line.  End with CNTL/Z.
BC0002-3120-Left(config)#vlan 98
BC0002-3120-Left(config)#name TEST_VLAN
BC0002-3120-Left(config)#no vlan 98   -> delete a Vlan
BC0002-3120-Left(config)#^Z
```

- Access mode

```
C7KBC62-3120-Left#conf t
C7KBC62-3120-Left(config)#interface GigabitEthernet1/0/13
C7KBC62-3120-Left(config-if)#switchport access vlan 115
C7KBC62-3120-Left(config-if)#^Z
```

- Trunk mode

```
C7KBC62-3120-Left#conf t
C7KBC62-3120-Left(config)#interface GigabitEthernet1/0/13
C7KBC6-3120-Left(config-if)#no switchport access vlan xx
C7KBC6-3120-Left(config-if)#switchport trunk encapsulation dot1q
C7KBC6-3120-Left(config-if)#switchport trunk allowed vlan xx,yy
C7KBC6-3120-Left(config-if)#switchport mode trunk
```

- Sauver la conf

```
C7KBC62-3120-Left#wri mem
Building configuration...
[OK]
C7KBC62-3120-Left#
```

- Statut d'un port

```
C7KBC62-3120-Left#show ip interface GigabitEthernet1/0/2
GigabitEthernet1/0/2 is up, line protocol is up
  Inbound  access list is not set
```

- Activer/désactiver un port

```
C7KBC62-3120-Left#conf t
C7KBC62-3120-Left(config)#interface GigabitEthernet1/0/13
C7KBC6-3120-Left(config-if)# no shutdown / shutdown
```

- Passer en autoneg/100FD/1000FD

```
C7KBC62-3120-Left#conf t
C7KBC62-3120-Left(config)#interface GigabitEthernet1/0/13
C7KBC62-3120-Left(config)#speed auto/100/1000
C7KBC62-3120-Left(config)#duplex auto/full
```

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