

Annexe — Configuration du switch (Cisco IOS)

Objectif : segmentation réseau par VLANs, management sur VLAN 20, trunks vers Proxmox/pfSense, accès distant sécurisé en SSH.

```
enable
configure terminal

hostname SwitchStyle
banner motd # Accès réservé aux administrateurs autorisés uniquement.
Toute intrusion sera sanctionnée. #

! --- Accès console + privilèges ---
line console 0
password G@tes
login
exit

enable secret Ch@pm@n

! --- SSH + comptes ---
ip domain name footstore.local
crypto key generate rsa general-keys modulus 2048
username Bambina secret XyL@9_tr/#58
service password-encryption

line vty 0 5
login local
transport input ssh
exit

! --- VLANs ---
vlan 10
name ProxmoxManagement
exit
vlan 11
name ProxmoxCluster
exit
vlan 12
name VM
exit
vlan 20
name MGMT
exit
vlan 30
name Storage
exit

! --- Interface de management du switch ---
interface vlan 20
ip address 10.0.20.2 255.255.255.248
```

```
no shutdown
exit

! --- Trunk principal (uplink) ---
interface GigabitEthernet0/1
  switchport mode trunk
  switchport trunk allowed vlan 10,11,12,20,30
exit

! --- Trunks vers les nœuds Proxmox ---
interface range FastEthernet0/1 - 3
  switchport mode trunk
  switchport trunk allowed vlan 10,11,12,30
exit

! --- Port access (poste Admin / MGMT) ---
interface FastEthernet0/4
  switchport mode access
  switchport access vlan 20
exit

! --- Ports inutilisés désactivés ---
interface GigabitEthernet0/2
  shutdown
exit

interface range FastEthernet0/5 - 24
  shutdown
exit

! --- Passerelle par défaut (pfSense VLAN 20) ---
ip default-gateway 10.0.20.6

end
write memory
```