

Commandes de base

Passer en mode privilégié

Par défaut, on entre en privilège 1 qui donne accès à des commandes très basiques.

```
switch>show privilege  
Current privilege level is 1  
switch>
```

Passer en privilège maximum 15 :

```
switch>  
switch>enable  
switch#sh pri  
Current privilege level is 15  
switch#
```

Passer en mode de configuration et le quitter

```
switch#  
switch#configure terminal  
switch(config)#  
switch(config)#exit  
switch#
```

Sauvegarder la configuration

```
switch#copy running-config startup-config
```

La startup-config se trouve dans la nvram alors que la running-config se trouve dans la ram. En copiant la configuration de la running-config dans la startup-config, on écrit la conf dans la mémoire non volatile.

ou

```
switch#write memory
```

Afficher la configuration

```
switch#show running-config
```

Redémarrer le switch

```
switch#reload
```

Renommer le switch

```
switch#  
switch#conf t  
switch(config)#hostname Maquette  
Maquette(config)#
```

Attribuer une adresse IP

```
switch#  
switch#conf t  
switch(config)#interface vlan1  
switch(config-if)#ip address 192.168.1.100 255.255.255.0  
switch(config-if)#exit  
switch(config)#exit  
switch#
```

Passerelle par défaut

```
switch(config)#ip default-gateway 192.168.1.1
```

Serveur DNS

```
switch(config)#ip name-server 192.168.1.1
```

Supprimer la configuration

```
switch#erase startup-config
```

Pour compléter automatiquement une commande, utiliser la touche TAB

```
switch(config)#inter
switch(config)#interface
switch(config)#interface gig
switch(config)#interface GigabitEthernet0/0
```

Désactiver le DNS lookup pour ne pas attendre lors d'une mauvaise commande

```
switch(config)#no ip domain-lookup
```

Supprimer une ligne ou un paramètre

```
switch(config)#no vlan
switch(config)#no ntp server 194.2.0.28
switch(config)#no ip address
```

Ajouter "no" devant la ligne pour l'effacer de la configuration

Pour afficher l'aide, utiliser le ? après une commande

```
3750#?
```

Exec commands:

access-enable	Create a temporary Access-List entry
access-template	Create a temporary Access-List entry
archive	manage archive files
cd	Change current directory
clear	Reset functions
clock	Manage the system clock
cns	CNS agents
configure	Enter configuration mode
connect	Open a terminal connection
copy	Copy from one file to another
debug	Debugging functions (see also 'undebug')
delete	Delete a file
dir	List files on a filesystem
disable	Turn off privileged commands
disconnect	Disconnect an existing network connection
dot1x	IEEE 802.1X Exec Commands
enable	Turn on privileged commands
eou	EAPoUDP

erase Erase a filesystem
ethernet Ethernet parameters
exit Exit from the EXEC
--More--

Afficher l'état des interfaces

```
3750#sh ip int brief
```

Interface	IP-Address	OK?	Method	Status	Protocol
Vlan1	172.16.3.200	YES	NVRAM	up	up
FastEthernet1/0/1	unassigned	YES	unset	up	up
FastEthernet1/0/2	unassigned	YES	unset	down	down
FastEthernet1/0/3	unassigned	YES	unset	down	down
FastEthernet1/0/4	unassigned	YES	unset	down	down
FastEthernet1/0/5	unassigned	YES	unset	down	down
FastEthernet1/0/6	unassigned	YES	unset	down	down
FastEthernet1/0/7	unassigned	YES	unset	down	down
FastEthernet1/0/8	unassigned	YES	unset	down	down
FastEthernet1/0/9	unassigned	YES	unset	down	down
FastEthernet1/0/10	unassigned	YES	unset	down	down
FastEthernet1/0/11	unassigned	YES	unset	down	down
FastEthernet1/0/12	unassigned	YES	unset	down	down
FastEthernet1/0/13	unassigned	YES	unset	down	down
FastEthernet1/0/14	unassigned	YES	unset	down	down
FastEthernet1/0/15	unassigned	YES	unset	down	down
FastEthernet1/0/16	unassigned	YES	unset	down	down
FastEthernet1/0/17	unassigned	YES	unset	down	down
FastEthernet1/0/18	unassigned	YES	unset	down	down
FastEthernet1/0/19	unassigned	YES	unset	down	down
FastEthernet1/0/20	unassigned	YES	unset	down	down
FastEthernet1/0/21	unassigned	YES	unset	down	down
FastEthernet1/0/22	unassigned	YES	unset	down	down
FastEthernet1/0/23	unassigned	YES	unset	up	up
FastEthernet1/0/24	unassigned	YES	unset	up	up
GigabitEthernet1/0/1	unassigned	YES	unset	down	down
GigabitEthernet1/0/2	unassigned	YES	unset	down	down
GigabitEthernet1/1/1	unassigned	YES	unset	down	down
GigabitEthernet1/1/2	unassigned	YES	unset	down	down

```
3750#
```

Inventaire

Switch#show inventory

NAME: "1", DESCR: "ME-C3750-24TE"

PID: ME-C3750-24TE-M , VID: V07, SN: FDO1521Y24L

NAME: "GigabitEthernet1/1/1", DESCR: "1000BaseSX SFP"

PID: , VID: , SN: OP10G53E1584

NAME: "GigabitEthernet1/1/2", DESCR: "1000BaseSX SFP"

PID: , VID: , SN: H11S478

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