

Alcatel

Alcatel est une entreprise d'origine française, historiquement spécialisée dans les télécommunications et les équipements réseaux.

- [Switch](#)

Switch

Revoir présentation

Reset config

Alcatel AOS 6

Suppression conf actuelle :

```
`rm /flash/working/boot.cfg`
```

Suppression conf boot :

```
`rm /flash/certified/boot.cfg`
```

Redémarrage du switch :

```
`reload working no rollback-timeout`
```

Alcatel AOS 8

Suppression conf actuelle :

```
`rm /flash/working/vcboot.cfg`
```

```
`rm /flash/working/vcsetup.cfg`
```

Suppression conf boot :

```
`rm /flash/certified/vcboot.cfg`
```

```
`rm /flash/working/vcsetup.cfg`
```

Redémarrage du switch :

```
`reload from working no rollback-timeout`
```

Modifier mot de passe

Alcatel AOS 6 & 8

```
`password` ou `passwd`
```

Activation accès distants

Alcatel AOS 6 & 8

```
aaa authentication default local
```

Désactivation Auto-Fabric

Auto-Fabric est un service de configuration automatique

Alcatel AOS 8

```
`auto-fabric admin-state disable`  
  
# Configuration date et heure  
  
### Alcatel AOS 6 & 8  
  
`system date mm/dd/aaaasystem time hh:mm:sssystem timezone cet`  
  
# Configuration NTP  
  
### Alcatel AOS 6  
  
`ntp server {IP}ntp client enable`  
  
### Alcatel AOS 8  
  
`ntp server {IP}ntp client admin-state enable`  
  
# Afficher la configuration  
  
### Alcatel AOS 6 & 8  
  
`show configuration snapshot allwrite terminal`  
  
# Enregistrer la configuration  
  
### Alcatel AOS 6  
  
##### Non stacké  
  
`write memorycopy working certified`  
  
##### Stacké  
  
`write memorycopy working certified flash-synchro`  
  
##### Non stacké & stacké  
  
`write memory flash-synchro`  
  
### Alcatel AOS 8  
  
##### Non stacké  
  
`write memorycopy running certified`  
  
##### Stacké
```

```
`write memorycopy running certified flash-synchro`
```

```
##### Non stacké & stacké
```

```
`write memory flash-synchro`
```

```
##### Note
```

Par défaut, AOS8 démarre sur la certified, et affiche ce message d'erreur :

```
`ERROR: Write memory is not permitted when switch is running in certified mode`
```

Voici comment passer sur la working :

```
`copy certified working make-running-directory`
```

puis :

```
`reload from working no rollback-timeout`
```

```
# Afficher la topologie stack
```

```
### Alcatel AOS 6
```

```
`show stack topology`
```

```
### Alcatel AOS 8
```

```
`show virtual-chassis topology`
```

```
# Modifier slot stack
```

Changer l'ID d'un switch dans le stack

```
### Alcatel AOS 6
```

```
`stack set slot {ID_ACTUEL} saved-slot {NOUVEL_ID}`
```

```
### Alcatel AOS 8
```

```
`virtual-chassis chassis-id {ID_ACTUEL} configured-chassis {Nouvel_ID}`
```

```
# Création d'un linkagg static
```

```
### Alcatel AOS 6
```

```
`static linkagg {ID_linkagg} size 2 name {NOM} admin state enable`
```

```
`static agg {chassis/port} agg num {ID_linkagg}`
```

```
`static agg {chassis/port} agg num {ID_linkagg}`
```

```
### Alcatel AOS 8
```

```
`linkagg static agg {ID_linkagg} size 2 name {NOM} admin-state enable`  
`linkagg static port {chassis/slot/port} agg {ID_linkagg}`  
`linkagg static port {chassis/slot/port} agg {ID_linkagg}`
```

Suppression d'un linkagg static

Permet de détruire un linkagg. Il est conseillé de dé-configurer votre linkagg taggé et untaggé avant de le supprimer.

Alcatel AOS 6

```
`static agg no {chassis/port}`  
`static agg no {chassis/port}`  
`no static linkagg {ID_linkagg}`
```

Alcatel AOS 8

```
`no linkagg static port {chassis/slot/port}`  
`no linkagg static port {chassis/slot/port}`  
`no linkagg static agg {ID_linkagg}`
```

Creation d'un linkagg LACP

Alcatel AOS 6

```
`lacp linkagg {ID_linkagg} size 2 actor admin key {ID_linkagg}`  
`lacp agg {chassis/port} actor admin key {ID_linkagg} actor admin state active aggregate`
```

Alcatel AOS 8

```
`linkagg lacp agg {ID_linkagg} size 2 name {NOM} admin-state enable`  
`linkagg lacp port {chassis/slot/port} agg {ID_linkagg}`  
`linkagg lacp port {chassis/slot/port} agg {ID_linkagg}`
```

Suppression d'un linkagg LACP

Permet de détruire un linkagg LACP. Il est conseillé de dé-configurer votre linkagg taggé et untaggé avant de le supprimer.

Alcatel AOS 6

```
`lacp agg no {chassis/port}`  
`lacp agg no {chassis/port}`  
`no lacp linkagg {ID_linkagg}`
```

Alcatel AOS 8

```
`no linkagg lacp port {chassis/slot/port}`  
`no linkagg lacp port {chassis/slot/port}`  
`no linkagg lacp agg {ID_linkagg}`  
  
# Configurer une IP static  
  
### Alcatel AOS 6 et 8  
  
`ip interface {NOM} address {IP} mask {MASK} vlan {ID_VLAN}`  
  
# Configurer une IP DHCP  
  
### Alcatel AOS 6 et 8  
  
`ip interface dhcp-client vlan {ID_VLAN}`  
  
# Configurer une passerelle  
  
### Alcatel AOS 6 et 8  
  
`ip static-route {IP} mask {MASK} gateway {GATEWAY}`  
  
# Afficher les passerelles  
  
### Alcatel AOS 6 et 8  
  
`show ip router database`  
  
# Modifier le nom d'un port  
  
### Alcatel AOS 6  
  
`interfaces {chassis/port} alias {PORT_NAME}`  
  
### Alcatel AOS 8  
  
`interfaces {chassis/slot/port} alias {PORT_NAME}`  
  
# Voir les périphériques via LLDP  
  
### Alcatel AOS 6 et 8  
  
`show lldp remote-system`  
  
# Prioriser la VOIP  
  
### Alcatel AOS 6
```

```
`lldp network-policy 1 application voice vlan {ID-VLAN} I2-priority 5 dscp 46`  
`lldp chassis tlv management port-description enable system-name enable system-description  
enable`  
`lldp chassis tlv management management-address enable`  
`lldp chassis tlv med network-policy enable`  
`lldp chassis tlv med capability enable`  
`lldp {chassis ou chassis/port} med network-policy 1`
```

Alcatel AOS 8

```
`lldp network-policy 1 application voice vlan {ID-VLAN} I2-priority 5 dscp 46`  
`lldp chassis tlv management port-description enable system-name enable system-description  
enable`  
`lldp chassis tlv management management-address enable`  
`lldp chassis tlv med network-policy enable`  
`lldp chassis tlv med capability enable`  
`lldp port {chassis/slot/port} med network-policy 1`
```

Activation du POE

Alcatel AOS 6

```
`lanpower start {chassis}`  
`lanpower start {chassis/slot}`
```

Alcatel AOS 8

```
`lanpower chassis {chassis} service start`  
`lanpower port {chassis/slot/port} admin-state enable`  
`lanpower port {chassis/slot/port-port} admin-state enable`
```

Voir les périphériques POE

Alcatel AOS 6

```
`show lanpower {chassis}`
```

Alcatel AOS 8

```
`show lanpower slot {chassis/slot}`
```

Afficher les adresses MAC

Alcatel AOS 6

```
`show mac-address-table {chassis/slot}`  
`show mac-address-table linkagg {ID_linkagg}`
```

Alcatel AOS 8

```
`show mac-learning port {chassis/slot/port}`
```

```
`show mac-learning linkagg {ID_linkagg}`
```

Configurer le SNMP

Alcatel AOS 6

```
`user {user} read-write all password {password} no auth`
```

```
`snmp security no security`
```

```
`snmp community map {community-name} user {user} enable`
```

Alcatel AOS 8

```
`snmp security no-security`
```

```
`snmp community-map {community-name} user {user} enable`
```

```
`snmp security tls disable`
```

```
`snmp community-map mode enable`
```

```
`user {user} password {password} no auth`
```

```
`user {user} read-write all`
```

Voir les ports bloqués par le spantree

Alcatel AOS 6 et 8

```
`show spantree ports`
```