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 configiguration

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 untagge 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 untagge 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} l2-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} l2-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`