Cheatography

VLANS + EtherChannel Cheat Sheet

by kahmic16 via cheatography.com/100675/cs/21114/

VTP

`vtp domain CCNA`	selects the domain for the network
`vtp mode server / client`	sets the mode of the device
`vtp password cisco`	passwords for the vtp domain
`show vtp status`	verification command for vtp
`vtp mode transp arent`	set a device into transp-arent mode

LACP

Configure LACP between two switch

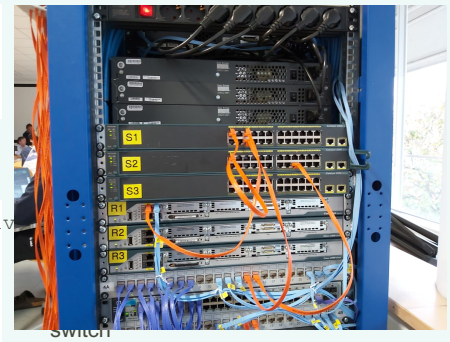
`switchport mode trunk`	
`switchport trunk native vlan 99`	
`channe l-group 2 mode active / passiv e`	

Configuration 1

DTP

`switchport mode dynamic desirable`	cr dy tru (y ne be in to th
`show interfaces trunk`	verify existing trunks
`switchport mode trunk`	create a static trunk
`switchport trunk native vlan 99`	set the native vlan of a trunk

Configuration 2

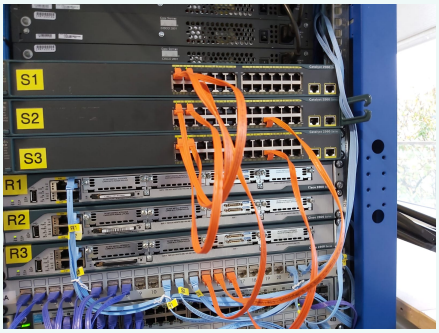


switch active and the other passive. commands above are the same on both switch

PAgP

`channe l-group 1 mode desirabl e`	set a range of interfaces into desirable mode
`channe l-group 1 mode auto`	set a range of interfaces into auto mode
`show run interface f0/3`	verifi-cation command
`show etherc hannel summary`	show all etherc-hannels

Configuration 3



Pictures provided by Kilian Stöckler

VLAN

`vlan 10`	create vlan with the number 10
`name Management`	assign name to the previously created vlan
`show vlan brief`	verify vlans
`switchport mode access`	set an interface to access mode to join vlans
`switchport access vlan 10`	put interface into a vlan

Other verification commands

`show ip interface brief`	show overview of all interfaces
`show ip route`	show all routes
`show vlan brief`	show overview of all vlans and the ports in it
`show interface trunk`	show all trunks
`tracert [ip]`	show if hops to an ip are correct

By **kahmic16**
cheatography.com/kahmic16/

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