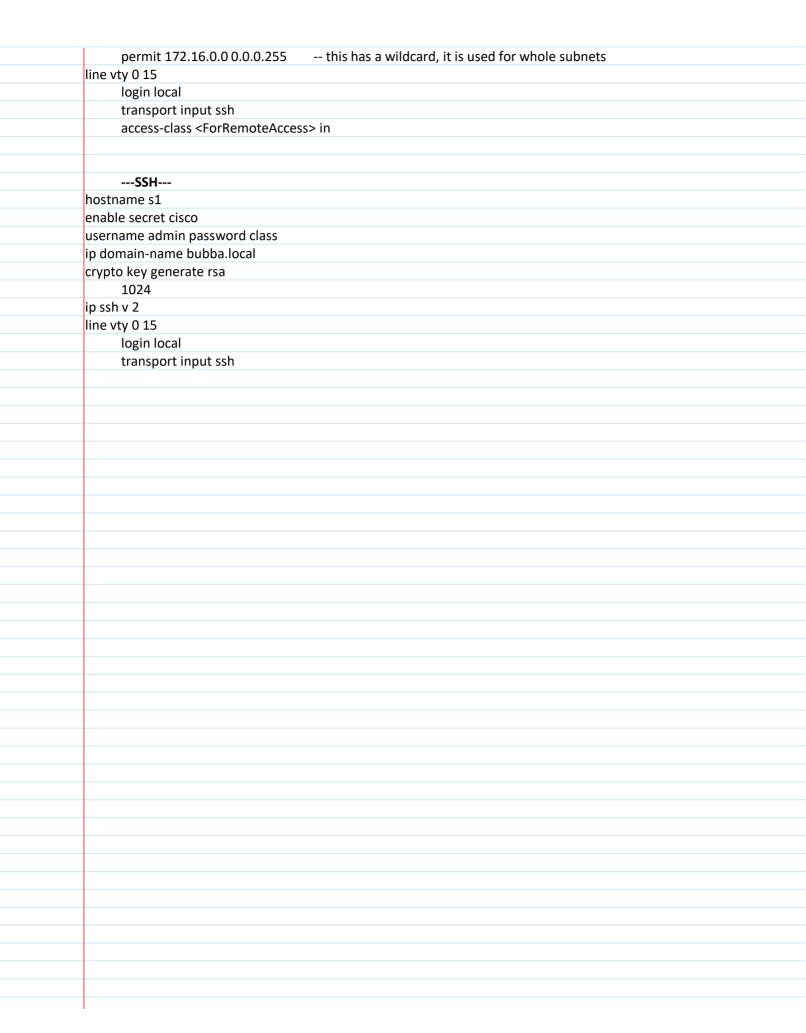
	commands page
	February 16, 2023 8:23 AM
	helpful for troubleshooting:
	do show int trunk
	do show vlan brief
	Switch(config)#spanning-tree mode rapid-pvst <change spanning="" th="" the="" tree="" version<=""></change>
	Change the root bridge
	Switch(config)#spanning-tree vlan 1 root [primary/secondary]
*	or Switch(config)#spanning-tree vlan 1 priority ?
^	<0-61440> bridge priority in increments of 4096
	and promise and a second secon
	For edge ports
	Switch(config)#interface range FastEthernet 0/1-24
	Switch(config-if-range)#switchport mode access
	Switch(config-if-range)#spanning-tree portfast
	Switch(config-if-range)#spanning-tree bpduguard enable <to connections="" from="" other<="" prevent="" th=""></to>
	switches
	For switch to switch connections with RTSP
	Switch(config)#interface range GigabitEthernet 1/1/1-4 Switch(config-if-range)#spanning-tree link-type point-to-point
	VLAN's
	creating vlans
*	Switch(config)#vlan <69> <vlan id="" number<="" th=""></vlan>
	Switch(config vlan)#name <nice> <vlan name<="" th=""></vlan></nice>
	Sw1(config)#interface range g1/1-4
	Sw1(config-if-range)#switchport trunk native vlan 999 <changing native="" th="" the="" vlan<=""></changing>
	SWIZESTING IT TURNEST CHAIRMAN TO CHAIRMAN CHAIR
	Sw1(config)#interface range g1/0/1-24
	Sw1(config-if-range)#switchport access vlan 11 <changing port="" th="" the="" vlan<=""></changing>
	Sw1(config-if-range)#switchport voice vlan 66 <changing th="" the="" vlan<="" voice=""></changing>
	vlan routing
	vlan routing router on a stick
	R1(config)#interface G0/0
	R1(config-if)#no ip address
	R1(config-if)#no shut
	R1(config-if)#interface G0/0.x

(x = subinterface ID - should match the VLAN ID)R1(config-subif)#encapsulation dot1q x R1(config-subif)#ip address A.B.C.D A.B.C.D R1(config)#ip helper-address [dhcp server IP] <--- if there is a dhcp server -- layer 3 switch with routing--Sw2(config)#ip routing Sw2(config)#interface vlan 1 Sw2(config-if)#no ip address Sw2(config-if)#shut Sw2(config-if)#interface vlan x Sw2(config-if)#ip address A.B.C.D A.B.C.D Sw2(config-if)#no shut Sw1(config)#ip helper-address [dhcp server IP] <--- only if using switch routing and there is a dhcp server ---layer 2/3 switch (no routing)--nter in vlans Sw1(config)#interface vlan 1 Sw1(config-if)#no ip address Sw1(config-if)#shut Sw1(config)#int vlan [# of network management] Sw1(config-if)#ip address [highest ip of vlan subnet - this is the default gateway] [subnet mask] ---Port Security---Sw3(config)#interface range f0/1-24 <---Don't put this on a trunk because it will mess up your network Sw3(config-if-range)#switchport port-security Sw3(config-if-range)#switchport port-security maximum 3 <---should be set to 3 if you have a voice vlan Sw3(config-if-range)#switchport port-security mac-address sticky Sw3(config-if-range)#switchport port-security violation shutdown Sw3(config-if-range)#do write ---Link Aggregation---Sw1(config)#interface range g1/1/1-4 Sw1(config-if-range)switchport mode trunk Sw1(config-if-range)switchport trunk native vlan 777 <---make sure both switches have the same native vlan Sw1(config-if-range)#channel-group 1 mode active Sw1(config)#interface Port-channel 1 Sw1(config-if)#switchport mode trunk Sw1(config-if)#switchport trunk native vlan 777 <---just to make sure ---ACL--ip access-list standard <ForRemoteAccess> - used for specific hosts permit host 172.16.0.1



Prox mox

- adjuard (pihole)
- tiny 10 - b torrent software; VPN 3 SONARR 3 Plex Server

NPN Le because its on a Serverit doesn't matter (does matter for plex)

good downbad client know where youre downloading from

SONARR

Lo put them whosever you want

Lo can opdate your catalogue automatically

Lo transmission for download client

client b12.00 - For adding new shows
on y -or subtitles) - D NZ6360 (app) (Works with Donarr of radarr)

/ N dexer

Lo Jackett as an indexer

to can add indexers that allows you to get any individual torrents as a package

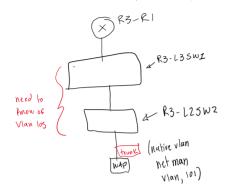
Transmission

Lo can add the link manually

Current: VLAN 102 - Wifi 10.1. 102.1-254

target: 0 vlan 102-0 Private Nifi | 10.1.102.1 - 254

3 Vlan 110 - Public Nifi | 10.1.110.1 - 254



Changed wifi Vlan from 100 -> 102

Vlan 110

- needs ip-helper address from special router DHCP scope

this means the router needs its own DMCP scope

- Shouldn't be connected to anything but internet to do this ...
Lo only put vlan'on R3-L2SW2 \$ 83-L3SW1 or Lo make an ACL that excludes connection From private wifigto everything (except internet) Vlan 10

Current Issue:

Lo both private Public don't get DHCP

Possible Pix (???):

Laplug WAP into POE L3SW1
Laterat way me don't have to worry about L2SW2 (?)