Lab 1: Basic Switch Configuration

line console of password cisco login line vty 0 15 password cisco

basic shit.

enable secret class.

hostname 51

login

exit

config vian 99

exit

interface when 99

ip address 172. ... 255 ...

no shutdown

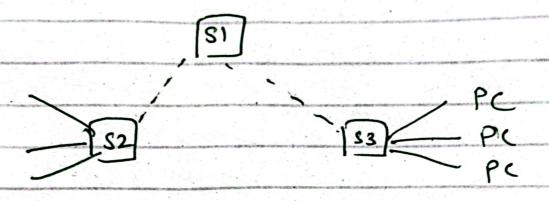
interface ronge fa 0/1-24
switchport access vlan 99
ip default-gateway 172-

speed 100 and duplex full

show mac-address-table.

	1.12. C. The Park County + Thuch Exp ato?
	Lab 3: Switch Port Security + DHCP, FTP, etc?
ht Worker Oxige has been described and an extra	[Switch]
Endon tear (palateur frequencia) consciolar scient	[PC]. get mac address
lei la vectro demolestra de move de la cerci i moderno.	get mac au
time (protection and to through the second	1 ipconfig /all
purchase contractive policy braining institutions	2) interface fa0/1
	3 Switchport mode access
_and color resident r	switchpurt port - security mac-address
	(4) switch port-security & DOD2 0002: 1788
	switchport port-security Mar-as maximum
to management to calculate a statement of the contract of the	
control de Augustina Carcinologo Servición y actor	(5) switchport port-security violation shutdown
Hatter to Section and Section and	
	6) show port-security address
	Show port-security address show port-security Interface fa0/1.
	FTP commonle:
per their own actions in construction of the c	
The convenience of the convenien	put readme. txt
	get readme. +x+
	assan quit
	F-10 192.168.1.6
	Collisone Il.

Lab 5 : VLAN configuration



· clear existing config:

interface vange fa0/1-24 Shutdown

· renable ports on 82 & 83:

interface vange fa 0/6, fa 0/11, fa 0/18 switchport mode access

· VLAN on 81) 52, S3:

name f Vlan 20

name s

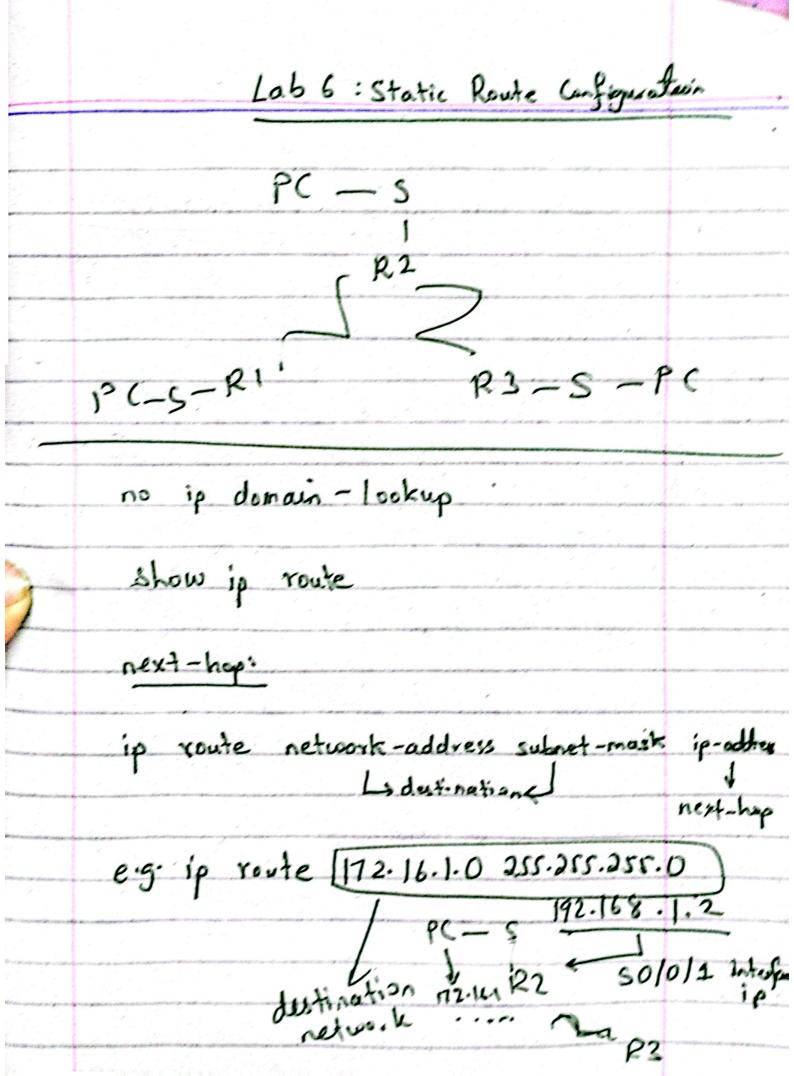
vlan 30

name g

vlan 99 name m

end

assign port varges to vlan on \$2853:
V V
interface vange fa0/6-10
switchport access vlan 30
on all puitches assign IP: SI & S2&53
Interface vlan 99
ip address
no shut down
on all switches config trunk:
interface range fa0/1-5
switch port mode trunk
sustchport trunk native vlan 99
no shutdown
interface fa0/11 pc IP.
suitchport access v lon 20
For PCs to communicate directly, they not be in same VLAN and subnetwork.



exit interface: ip route 172.16.2.0 205.205.205.0 Berid 0/0/1

Post - Mid

Lab	7.	D	TO	^	A.
LOB	on an experience of	7		<u>Cor</u>	119
V - V - V		,			<i>y ()</i>

A - enable dynamic routing:

1841

Youter rip

enter all network addresses directly connected:

network 192.168.1.0 network 192.168.2.0 end

copy run start

show ip route protocols debug ip rip undebug all

B) no router rip passive-interface fab/0 end copy run start

Lab 8 - OSPF	
Youter ospf 1 (1841)	A Control of the Cont
for the networks they are directly with	rip Mesfa
network 172-16-1-16 0.0.0.15 are	a 0
To check router-id	
show ip ospf interfaces neighbor	
-> loopback changes router-id:	
interface loopback 0	
ip address 255.255.255.255	
-> alternative:	

route ospf 1

route ospf 1

route oid 10.4.4.4

end
clear ip ospf process -> relocal required

00000 128+64+32+16 8421 remove configured id: router aspf 1 no router-id 10.4.4.4. clear ip sept process display wist: show interfaces serial 0/0/0 Show ip route interface serial 0/0/0 108/64 Kbps = 1562 bandwidth 64 interface scial 0/0/0 ip ospf cost 1562 ip ospf hello-Interval 5 ip ospf dead- interval 20 show ip ospf interface sololo

240

	Redistribute OSPF default route to smalate 131
	interface loopback1
	is address
exit	jour router orpf 1
I.	default-information originate
	auto-cost reference-bardwidth 10000
-	
and the second second	

Lab 9: ACL
2901

2911

access-list 2 permit 10.2.2.1

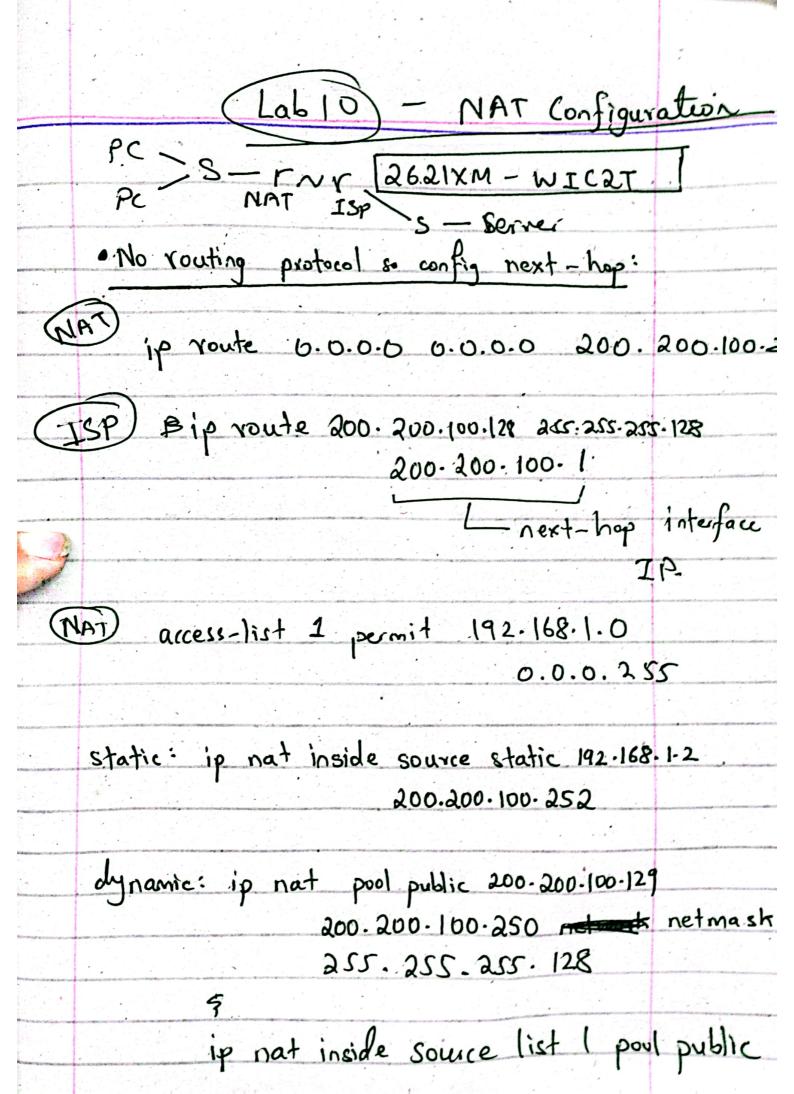
ospf part you already know.

access-list 1 permit 192-168.2.3

access-list 1 deny 192.168.2.2

interface 90/0

ip access-group 1 in



2141-113

interface fa0/0

ip nat inside

interface fa0/1

interface serial 0/0}

ip nat outside

show ip not translations < verbose > show ip not statistics

clear ip not translation *
show ip not translations

Lab 11 - IPV 6

2911 → HWIC 27 2811 - WICZT

ipr 6 unicast-routing interface Gig U/I Epipr 6 address 2001: DB8:...

ipv6 address ... link-bocal

no shutdown