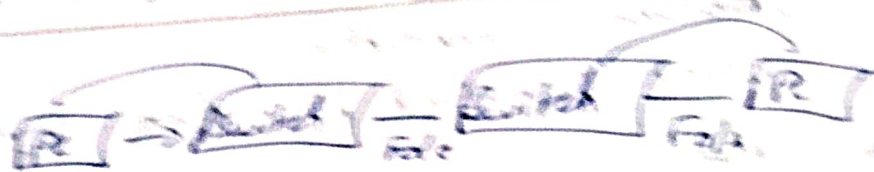


Enter
status

VIRTUAL LAB CONFIGURATION LAB 3
OSIO PROJECT TOPIC



Addressing Table

Device interface addresses

Device	Interface	IP Address	Subnet mask	Default gateway
R1	VLAN1	192.168.1.1	255.255.255.0	
R2	VLAN2	192.168.2.1	255.255.255.0	
PC1	NIC	192.168.1.103	255.255.255.0	
PC2	NIC	192.168.2.104	255.255.255.0	

PART - I :

Objective:

To build the network & configure device settings

Steps:

- (1) Build the network as shown in Topo
- (2) Open the config window & configure basic settings for each switch.
- (3) From the desktop click config and enter the IP address info
- (4) Test the connectivity by attempting to the cabled device

Objective:

To create virtual LAN's switch ports.

Steps:

- (i) Create virtual LAN's on the switch
 - (a) open config window.
 - (b) Create VLAN's on
 - (c) Create on S1
 - (d) I will show VLAN command brief
- (ii) Assign VLAN to connect switch interface

PART - 3:

Objective:

To maintain VLAN port assignment
the VLAN database

Steps:

- (i) Assign a VLAN to multiple interface
- (ii) Remove a VLAN assignment from an interface
- (iii) Remove a VLAN in a database

PART - 4

Objective:

To config on 802.1Q trunk the
switches:

- (i) Use DTP to initiate trunking

Po/1

- (ii) Manually config the trunk
(iii) On interfaces Po1, change the
mail the set do this on switch
(iv) Rerun & config a VLAN for the
below given scenarios

RESULTS:

Therefore the simulation of VLAN
config, using Cisco packet-tracer
is successfully completed.