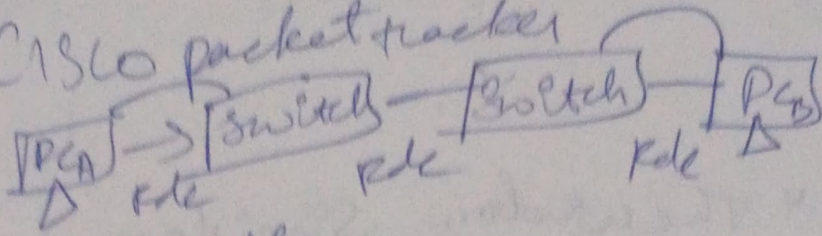


80 Virtual Can Configuration using

CISCO packet tracer



Addressing table

| Device | Interface | IP address | Subnet mask | Default gateway |
|--------|-----------|-------------|---------------|-----------------|
| S1 | VLAN1 | 192.168.1.1 | 255.255.255.0 | N/A |
| S2 | VLAN2 | 192.168.2.2 | 255.255.255.0 | N/A |
| PC A | NIC | 192.168.1.3 | 255.255.255.0 | 192.168.1.1 |
| PC B | NIC | 192.168.2.4 | 255.255.255.0 | 192.168.2.2 |

part 1: Objective

To build the network Configure basic device setting

Steps:

- 1) Build network shown Topology
- 2) Open Configuration Window switch
3. Reset connectivity by attempting to ping b/w switch devices

part 2

Objective

To create Virtual LANs and design switch port.

Steps:

a.) Create Lan on B1

b.) create Lan on B2

c.) Issues showlan command brief

2) Assign Vlan to connect Switch Interface

part 3

objective

to maintain Vlan port Assignment

Vlan database

Steps:

① Assign Vlan multiple interface

② Remove Vlan assignment from interface

③ Remove Vlan 20 and to Vlan database

part 4

① Use DTP to initiate trunking or FOP.

②. Manually configure trunk FOP

③ Design to configure Vlan below type

Scenario

Result:

Therefore simulation Virtual
Lan Configuration using Cisco
Packet Tracer simulated