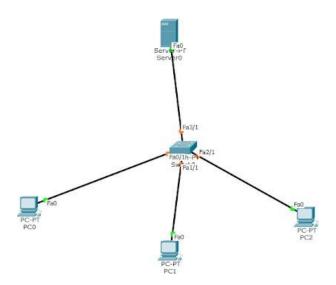
To construct simple LAN and Understand the concept and operation of ARP.

AB-08	18/12/2024	
	To constand the simple LAN & understand the concept and operation of Address Resolution Paulocal. AIM: Constant the Simple LAN & understand the concept & operation of Address Resolution Protocol	
	Topology: Switch	, and the second
	00	
		Some 1
	10.0.0.5	
	\wedge \wedge \wedge \wedge	
	PCO PCI PC2 PC3	
	10.0.0.1 10.0.0.2 10.0.0.3 10.0.0.4	
	see tallas	
	ARR tables:	
	ARP table for PCO	
	TP Address Handware Address	Interface
	10.0.0.4 0009.7C.82A2 FastEthernet 0	
	ARP table for PCI	
	I Paddress Handware Address	Interface
	10.0.0.1 DOED. 8E-8C.76	FastEthernet 0
	10.0.0.5 0000.0CAB.BO-	Fast thorned 0
	ARP table for PC2	
	12 goldress Hardware Address	Interface
	10.0.0.4 0009-7C 92-A2	

This is done by adding an additional header information Called tag to the Ethernet frame. The process of adding		
		this small headen is called YLAN tagging.
		hook unto the sintenfaces of the smitches with the 2
NEW VLAN Systems		
This makes the switch understand NEWYLAN.		
Next the aguster is to understand the NEWVLANC		
Config tab of signifer select VLAN DATABASE ender the		
rumber & name of the Wan breated.		
Go to CLI, & Run the following		
Config t		
interface fast Ethernet 0/0.1		
encapsulation dot 1 9 2		
ip address 192.168-2.1 255.255.255.0		
no Shut		
exit		
And the state of t		
Observation:		
VCANS and Eustel to logically segment a network, devices in the same VLAN to Communicate disrectly		
while isotating traffic forom other VCAN'S.		
Switches must be configured to weath VIAN'S, assign		
Suitches must be configurate points to specific VLAN'S.		
VCAN 103, 4 automate proces		
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The state of the s		
2 12 1 42 2 married total from front and		
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the way is in a part pair in the same		

TOPOLOGY:



OUTPUT:

