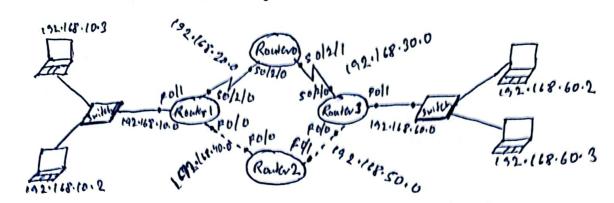
State Randing Ploating Rowling in a indunehurk



- AROUNTERS are connected as in a circular way like Router 1, Router 0 and Router 8 are connected with serial action DTB wire. And Router 1, Router 2 and Router 3 are connected with copper-cross-over acree wire.
- Data transmission through special serial serial mana is loss as compared to Part etternet or gigabit etternet part.
- → Ports through tart ethernet is primary unk Ports through the through sevial port is secondary link. It link through fact-ethernet port is down, then data transmission will occur littless through sevial port.
- It address of each PC's were grown manually green and debutt gaterray as Rounters BP address.
- -> IP address for the Rondors at each ports:

Ronter 10	IP Address	Subnet Mark
P 0/0	192.168.40.1	255-255-255.0
fo/1 so/2/0	192.168.20.1	255.255.255.0 255.255.255.0
Router 3	/	
p 0/0	192.168.50.2	255.255.255.0
PO/1	192.168.60.1	255·255·255·0 255·255·255·0
50/2/0	192.168. 80.2	

The second second	The state of the s	and the same of th	The second secon	
Router O	LAPI	dress	Subnet Mark	
50/2/0	192.11	8.20.2	255.255.255.0	
50/2/1	192.16	8.30.1	255.255.255.6	
Router 2		0.10.0	255.255.255.6	
Polo		8.40.2 8.50. l	255,255,255,0	
P0/1	14510			
→ State R	loutes for the Re	was to and	Router 2:-	
	Network	Mark	New to loup	
(255.255.255.0	192.168.30.2	
Koutero Y	192.168.60.0	255.255.255.0	192.168.20.1	
	(192.168.10.0	255-255-0	142.168.40.1	
Konter 2	192.168.10.0	255.255.255.0	142.168.50.2	
+ State R	loutes for the Rou	ter land Route	ar 3 in CLI ar	
Roseter				
Router) en				
Rowler # con	Ha t			
Router Countr	(1) # ip route 192.	118.60.0 255.2	55.255.0 192.168.40.2	
Router Confr	5)# ip route 152.	68.60.0 255.2	55.255.0 152.68.20.2 10	
Router (config) # exit				
Router # "	v			
Swilding a	on Arguration			
Router 3 Router > en				
Ronto # a	an Ars to	n 25.2	55.285.0 192.118.50.1	
Router Leontry) ## ip route				
Router (until) Hip nomer				
Router Country) # exit				
A 1. 1-A				
Building controller				
[on]				

Packets can be make transferred from any PC to another PC connected with different Routers.

At Arrst we will get 25% loss

At last we will get 0% loss

In Simulation Mode

Send 2 packet from PC (192.168.10.3) to PC (192.168.60.2)

- As fait effect port is the primary link, packet will havel from fait effected port, Therefore while packet bravels, Boson we will short down the Router 2 ports so that packet will get bransherred from serial port.
- · When the packets will get revesered was we will set the Router 2. p. port on. Then we can see that data will travel from ethernet port again.

Rowling Information Protocol (RIP)

Solato

Solato

Solato

Solato

Solato

Solato

Rowling

Fold

192-168-1-2

192-168-1-0

192-168-2-0

192-168-3-0

192-168-3-0

- + Ronders are connected serially with serial DTR wire and then connected to smitch and Two PCS seperately.
- + SP address of each PC's were mountly given and default gateway as Ronkers TP address.
- > IP address for the Rowters at each port:

Router	1P Address	Subnet Mark		
POLO	192.168.1.1	255.255.255.0		
50/2/0	10.0.0.1	255.0.0.0		
Routov 2				
P0/0	192-168-2-1	.255.255.255.6		
50/2/0	10.0.0.2	255.0.0.0		
50/2/1	11.0.0.1	255.0.0.0		
30(2(1				
Ronter 3				
Polo	192.168.3.1	255.285.255.0		
,	11.0.0.2	255.0.0.0		
50/210	11.0.0.2			
+RIP Rowling for	Routers:			
CHINALLY	Network			
Router 1	10.0.0.0			
Coura I	192.168.1.0	2 N		
.,		Clans		
0 1 0	10.0.0.0	0/2/0/0/2		
Ronder 2	11.0.0.0	210		
	192.168.20			
. '				
Ronder 3	4.0.00			
	192.168.3.0			
-> Now Packets can be transferred from any PC to another PC				
connected with different Routers,				
set limit we	will get 25% loss.			
At last we	will get Dy loss.			