

A.P. SHAH INSTITUTE OF TECHNOLOGY

Department of Computer Science and Engineering

Data Science



Department of Computer Science and Engineering Data Science

Academic Year: 2023-2024 Name of Student: Diya Thakkar

Semester: V Student ID: 22107040

Class / Branch: CSE(DS)

Date Of Performance: 16/9/24
Subject: WCN

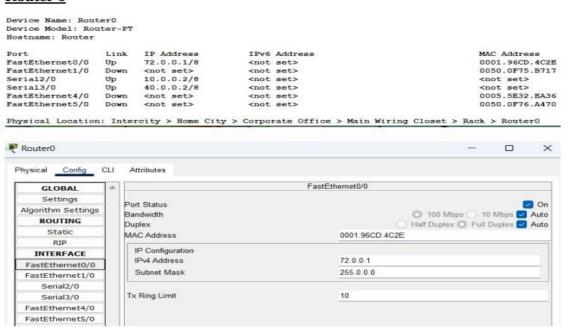
Date Of Submission: 10/10/24

Name of Instructor: Prof. Ashwini Rahude

Experiment No. 7

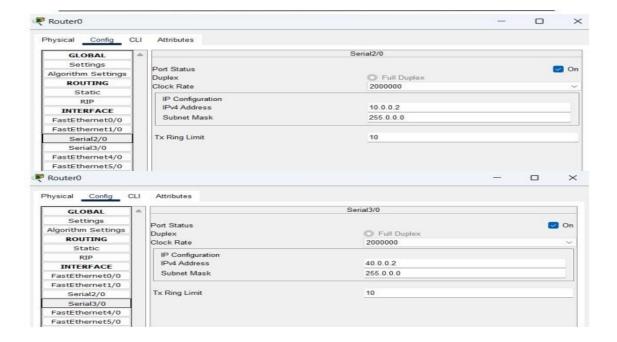
Aim:- To design and simulate the environment for Dynamic routing using Cisco packet tracer/ GNS3.

Router 0











ROUTING

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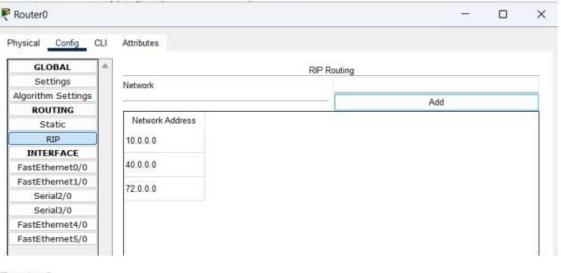


Router 2 Device Name: Router2 Device Model: Router-PT Hostname: Router IP Address 192.168.10.1/24 <not set> 30.0.0.3/8 20.0.0.3/8 <not set> <not set> Router2 Physical Config CLI Attributes GLOBAL FastEthernet0/0 Settings Algorithm Settings Port Status Bandwidth Duplex 100 Mbps 10 Mbps Auto Half Duplex Full Duplex Auto ROUTING Static MAC Address 0003.E492.BBC2 RIP IP Configuration IPv4 Address INTERFACE 192.168.10.1 FastEthernet0/0 Subnet Mask 255.255.255.0 FastEthernet1/0 Serial2/0 Serial3/0 FastEthernet4/0 FastEthernet5/0 Router2 × Physical Config CLI Attributes GLOBAL Serial2/0 Settings Algorithm Settings Port Status Duplex Clock Rate O Full Duplex 2000000



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Router1

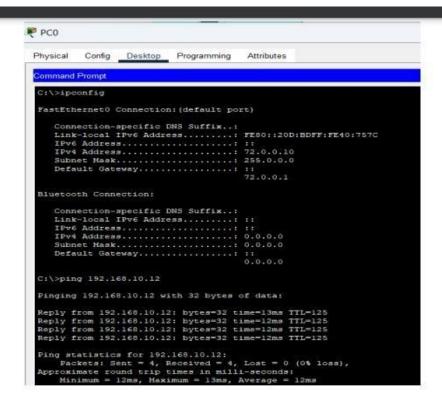
Router1 (config) #router rip
Router1 (config-router) # network 10.0.0.0
Router1 (config-router) # network 20.0.0.0
Router1 (config-router) # network 172.100.0.0

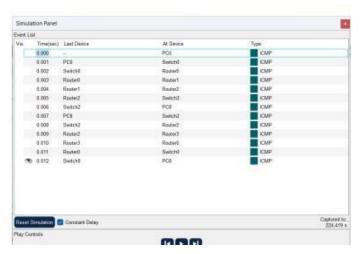
P Router1







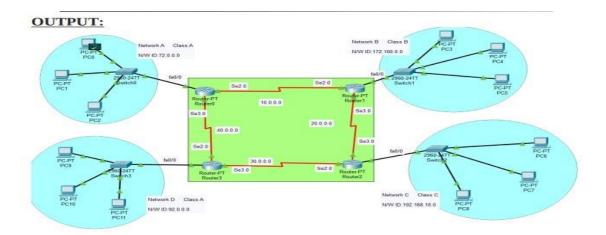






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Conclusion: hence, performed successfully the experiment.



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