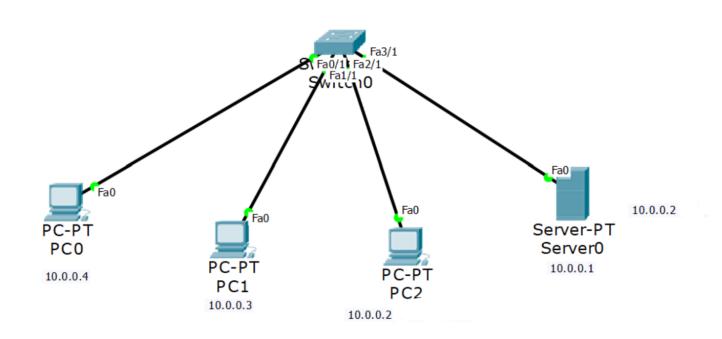
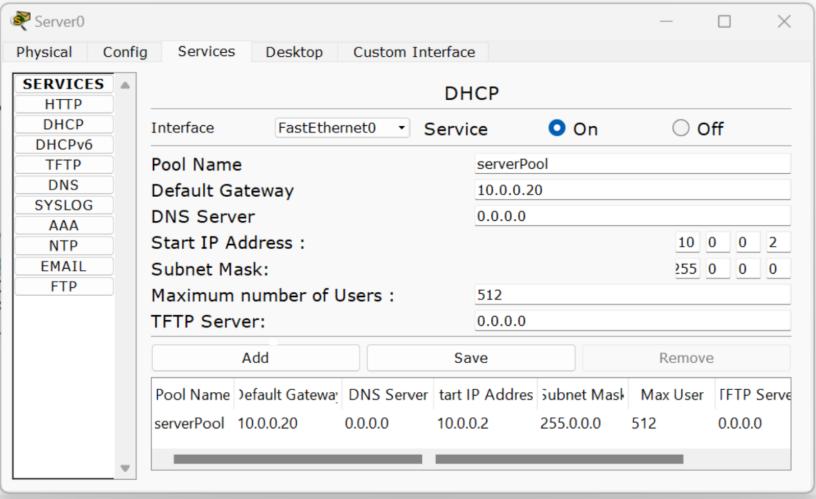
Experiment - 4

Aim: Configure DHCP within a LAN and outside

LAN.





Physical Config Desktop Custom Interface

## Command Prompt

Packet Tracer PC Command Line 1.0 PC>ping 10.0.0.2

Pinging 10.0.0.2 with 32 bytes of data:

Reply from 10.0.0.2: bytes=32 time=1ms TTL=128

Reply from 10.0.0.2: bytes=32 time=1ms TTL=128 Reply from 10.0.0.2: bytes=32 time=0ms TTL=128

Reply from 10.0.0.2: bytes=32 time=0ms TTL=128

Ping statistics for 10.0.0.2: Packets: Sent = 4, Received = 4, Lost = 0 (0% loss), Approximate round trip times in milli-seconds:

Minimum = 0ms, Maximum = 1ms, Average = 0ms PC>ping 10.0.0.3

Pinging 10.0.0.3 with 32 bytes of data:

Reply from 10.0.0.3: bytes=32 time=1ms TTL=128

Reply from 10.0.0.3: bytes=32 time=12ms TTL=128

Reply from 10.0.0.3: bytes=32 time=0ms TTL=128 Reply from 10.0.0.3: bytes=32 time=0ms TTL=128

Ping statistics for 10.0.0.3:

Packets: Sent = 4, Received = 4, Lost = 0 (0% loss), Approximate round trip times in milli-seconds:

Minimum = 0ms, Maximum = 12ms, Average = 3ms



|  | Ex -4  Bafna Gold  Date: Page:  |
|--|---|
| 120  | DYNAMIC HOST CONFIGURATION PROTOCOL   |
|  | dim: To configure OHCP within a LAN and outside LAN   |
| atal   | To pology: 10.0.0.0. 40.0.0.10  |
| ann TS and TS an | switch switch   |
| il.  | Procedure:  |
| mous (B)   | Place 3 PT-PC's and a series under a switch onto the logical interface.  Place 2 PT-PC's under another switch                   |
|  | switches to it.   |
| •  | DHPP reguyen the sources lab and  |
| ./   | spools with suspective galeways and starting ip address ohen CLI of the stouter to which the server is not conneded and type as |
|  | mentioned below:  > ip helper-address 10.0.0.10   |

|  | copper stoaigh through   |
|--|--|
| •  | Use issued were to connect the device  |
|  | configure gateways on end devices Pring message from PCO to PCI  |
|  | Pung message from PCD 10 PC)   |
|  | 1964 J. (1974 M. 2. 2. 2. 1. 1. 1. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2.  |
|  | Output:  |
|  |  |
|  | Ping 40.0.0.1  |
|  | Pinging 40.0.0.1 with 32 bytes of date   |
|  | Resquest timed out.  |
|  | Reply from 40.0.0.1 byles = 32 time = 200 per Reply from 40.0.0.1 byles = 32 time = 200 per Reply from 40.0.0.1 byles = 32 times = 200 per Reply from 40.0.0.1 byles = 32 times = 200 per second from 11.00 per second from 10.00 per second from  |
|  | Reply Gram 40.000 hills = 27th   |
|  | Reply 19 pm 40 00 1 hufes = 22 Hm cs = 2   |
|  | Vid a from 10.0.0.0.1 39100 - 32 101118 - 21 ms 11   |
|  | Pomo statistical de la contraction de la contrac |
| al.                                      | Ping statistics for 40.0.0.1:  |
| 1110                                     |  |
|  | Packets gent = 4, recieved=3, host=1   |
| d  | pherox event tout time in million  |
| 7  | phox sound tout time in million<br>min = 9 ms, Max = 21, Avg = 16 ms.  |
| 18/12                                    | phoox sound tout time in millison<br>min = 9 ms, Max = 21, Avg = 16 ms.  |
| 18/17                                    | pherox event tout time in million  |
| 18                                       | pheox event tout time in million<br>min = 9 ms, Max = 21, Avg = 16 ms.   |
| 8  | phoox sound tout time in million<br>min = 9 ms, Max = 21, Avg = 16 ms.   |
| 18                                       | phoox would tout time in million<br>min = 9 ms, Max = 21, Avg = 16 ms.   |
|  | min = 9 ms Max = 21 , Avg = 16 ms.   |
|  | phoox sound tout time in million<br>min = 9 ms, Max = 21, Avg = 16 ms.   |
| 18 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1   | min = 9 ms, Max = 21, Avg = 16 ms.   |
| 18 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1   | pherox events toup times in millison  min = 9ms Max = 21, Avg = 16ms.  |
| 18 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1   | pherox events toup times in millison  min = 9ms Max = 21, Avg = 16ms.  |
| 18 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1   | pheox wound toup time in million  min = 9 ms May = 21, Avg = 16 ms.  |
| 18 18 18 18 18 18 18 18 18 18 18 18 18 1 | phrox round toup time in million  min = 9ms, Max = 21, Avg = 16ms.  And the state of the state o |
| 18 18 18 18 18 18 18 18 18 18 18 18 18 1 | pheox wound toup time in million  min = 9 ms May = 21, Avg = 16 ms.  |