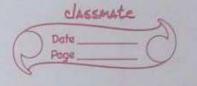


Page C Scongrue 1: Sending 1/w PCs connected to Hub If mag is sent from D. PC 1 to PC 12 1) BSimple PDU is sent from PC1 to Hub. 3 Hub sends the copies of the mig to PCO, PC2 & switch. 3) The PC2 receives the mag & sends back acknowledgement to the Hub. 9 The Hub further forwards the acknowledgement To PCO, PCI & suctch 1 The PC1 receives it & the transfer is completed Scenario 2: Sending / PCs Connected to Switch If msg 15 sent from PC 3 to PC4 (Simple POU is sent from PC3 to switch. 2) The switch forwards the may to PC5, P4 3 The hub forwards it to the PCO, PCIL PCZ 1) The PCB4 accepts the message & sends an acknowledgement to the suitch. 6) The surter forwards the acknowledgement Scanario 3: Sending The PCs connected to Switch & Hus 1) Simple PDU is sent from PCO to PC4.

(2) The hub forward the PC1, PC2 & the suiter 3 The switch forwards the mag to PC3, PC4& 19) PC4 receives the might sends an acknowledgen to the switch o 1 The switch forwards the acknowledgement to the PC3, PC5 & the hub. 6) Hub sends copy of the acknowledgement to Aco, PCIUM.



1 PCO receives the acknowledgement thereby completing the transfer of meg.

PC > ping 10.0.0.3 Pringing 10.0.0.3 with 32 bytes of data:

Reply from 10.0.0.3: by tes = 32 time = 0ms TTL = 128

Reply from 10.0.0.3: by tes = 32 time = 0ms TTL = 128

Reply from 10.0.0.3: by tes = 32 time = 0ms TTL = 128

Reply from 10.0.0.3: by tes = 32 time = 0ms TTL = 128

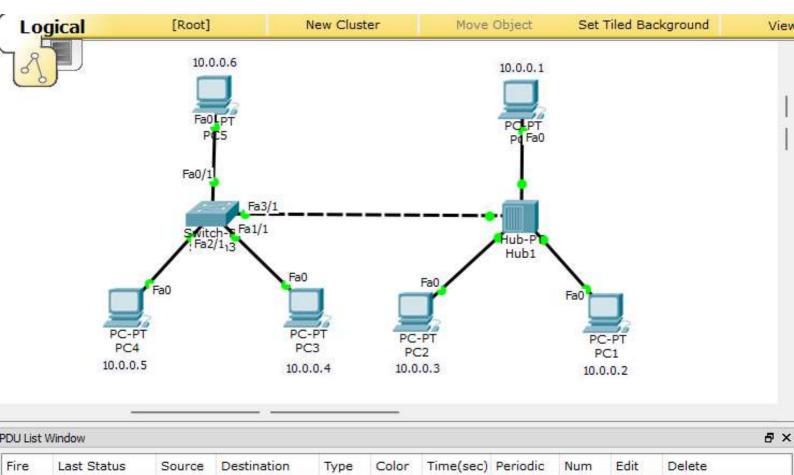
Reply from 10.0.0.3: by tes = 32 time = 0ms TTL = 128

Ling statistics for 10.0.0.3:

Packets: Sent - 4, Received = 4, lost = 0 (0% loss).

Approximate round trip time; milli-seconds:

Minimum = Oms, Maximum = Oms, Average = Oms



0.000

0.153

N

N

0

(edit)

(edit)

(delete)

(delete)

ICMP

ICMP

PC4

PC2

Successful

Successful

PC0

PC5

Command Prompt

```
Х
```

```
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=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 = 0ms, Average = 0ms
PC>ping 10.0.0.5
Pinging 10.0.0.5 with 32 bytes of data:
Reply from 10.0.0.5: bytes=32 time=0ms TTL=128
Reply from 10.0.0.5: bytes=32 time=0ms TTL=128
Reply from 10.0.0.5: bytes=32 time=7ms TTL=128
Reply from 10.0.0.5: bytes=32 time=0ms TTL=128
Ping statistics for 10.0.0.5:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 7ms, Average = 1ms
```

```
Pinging 10.0.0.45 with 32 bytes of data:
Request timed out.
Request timed out.
Request timed out.
Request timed out.
Ping statistics for 10.0.0.45:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),
PC>ping 10.0.0.6
Pinging 10.0.0.6 with 32 bytes of data:
Request timed out.
Request timed out.
Request timed out.
Request timed out.
Ping statistics for 10.0.0.6:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),
PC>
```

PC>ping 10.0.0.45