

Name: Kainat Khalid

Lab 03

Section: CS-A

Roll No-i22-2242

Lab work

For sever file on server

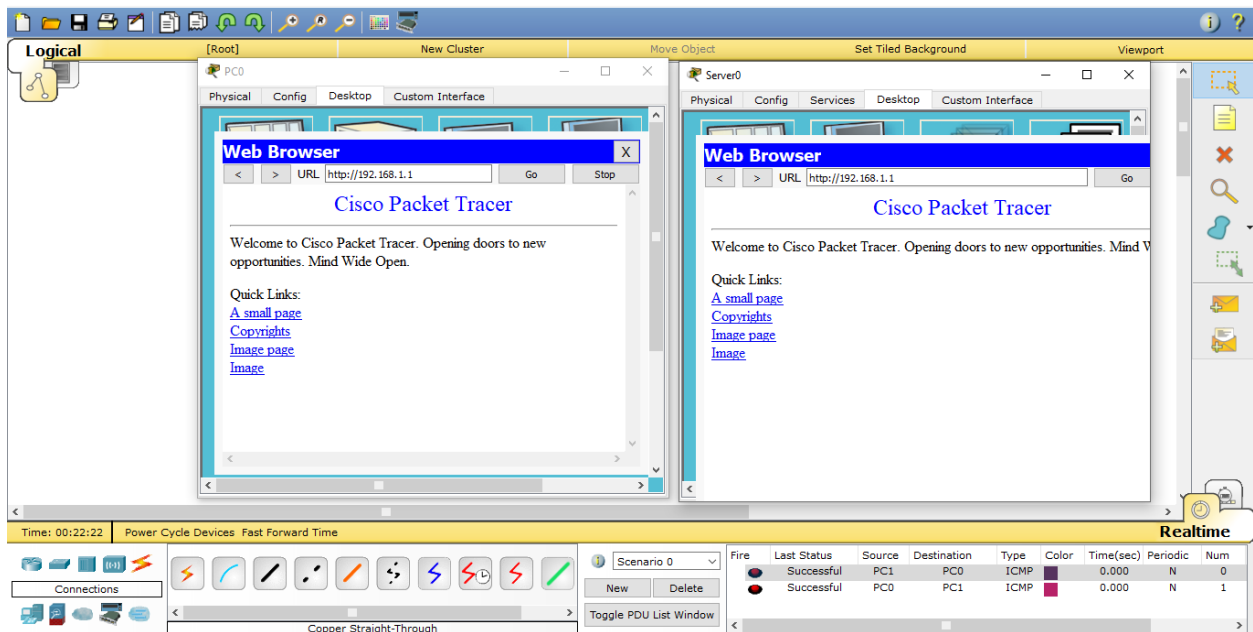
The screenshot displays the Cisco Packet Tracer interface. The main workspace shows a network topology under the 'Logical' tab. A 'Server-PT Server0' (IP: 192.168.1.1) is connected to a '2960-24TT Switch0'. The switch has two ports connected to 'PC-PT PC0' (IP: 192.168.1.2) and 'PC-PT PC1' (IP: 192.168.1.3). The connections are labeled with interface names: Fa0/0 on the server, Fa0/1 on the switch, and Fa0/2 on PC0 and Fa0/3 on PC1.

Overlaid on the right is a 'Web Browser' window. The address bar shows the URL 'http://192.168.1.1/image.html'. The page content displays the text 'Image of Cisco Logo' and 'This is an image of Cisco Logo' above the Cisco logo. A 'Back' link is visible at the bottom of the page content.

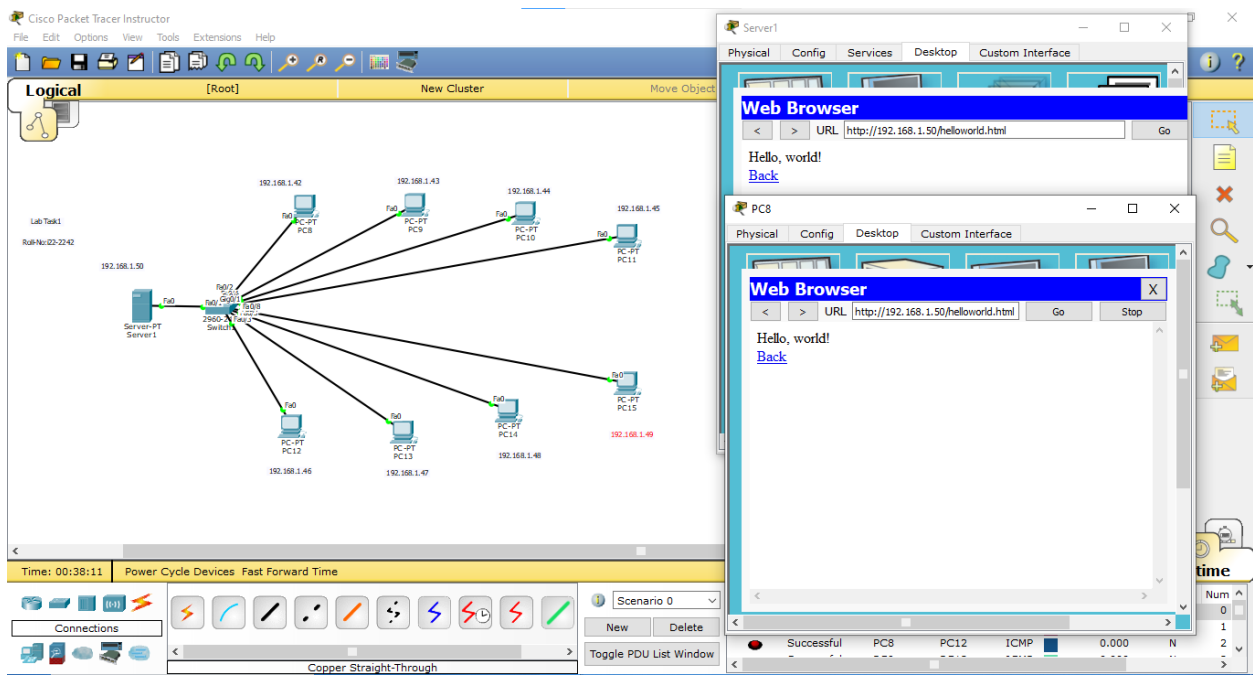
At the bottom of the interface, there is a 'Realtime' section with a table showing network activity:

| Fire | Last Status | Source | Destination | Type | Color | Time(sec) | Periodic | Num |
|------|-------------|--------|-------------|------|-------|-----------|----------|-----|
| | Successful | PC1 | PC0 | ICMP | | 0.000 | N | 0 |
| | Successful | PC0 | PC1 | ICMP | | 0.000 | N | 1 |

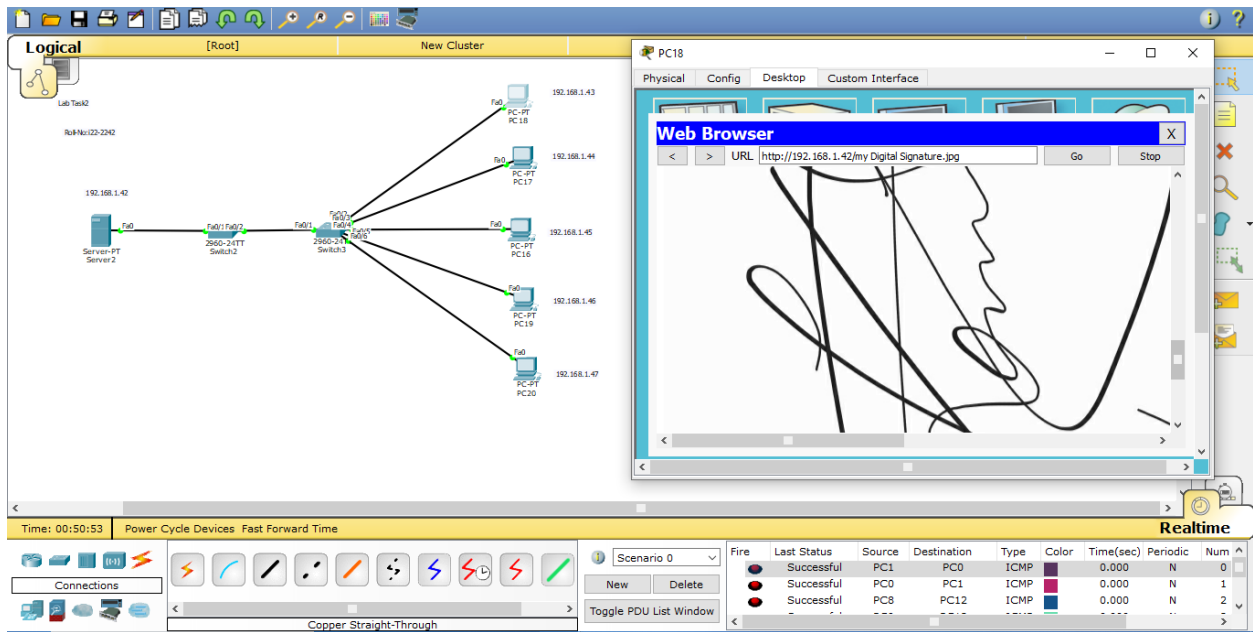
For IPS on PC & Server



Lab Task1



Lab Task2:



WireShark:

Http

Capturing from Wi-Fi

File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help

http

| No. | Time | Source | Destination | Protocol | Length | Info |
|------|-----------|-----------------|-----------------|----------|--------|----------------------------|
| 7085 | 40.556981 | 172.16.136.103 | 142.250.181.163 | HTTP | 364 | GET /generate_204 HTTP/1.1 |
| 7089 | 40.594449 | 142.250.181.163 | 172.16.136.103 | HTTP | 181 | HTTP/1.1 204 No Content |

> Frame 7085: 364 bytes on wire (2912 bits), 364 bytes captured (2912 bits) on interface \Device
> Ethernet II, Src: Intel_ce:cb:6a (34:f3:9a:ce:cb:6a), Dst: HewlettPackard_08:48:00 (08:97:34:d0:
> Internet Protocol Version 4, Src: 172.16.136.103, Dst: 142.250.181.163
> Transmission Control Protocol, Src Port: 50501, Dst Port: 80, Seq: 1, Ack: 1, Len: 310
> Hypertext Transfer Protocol

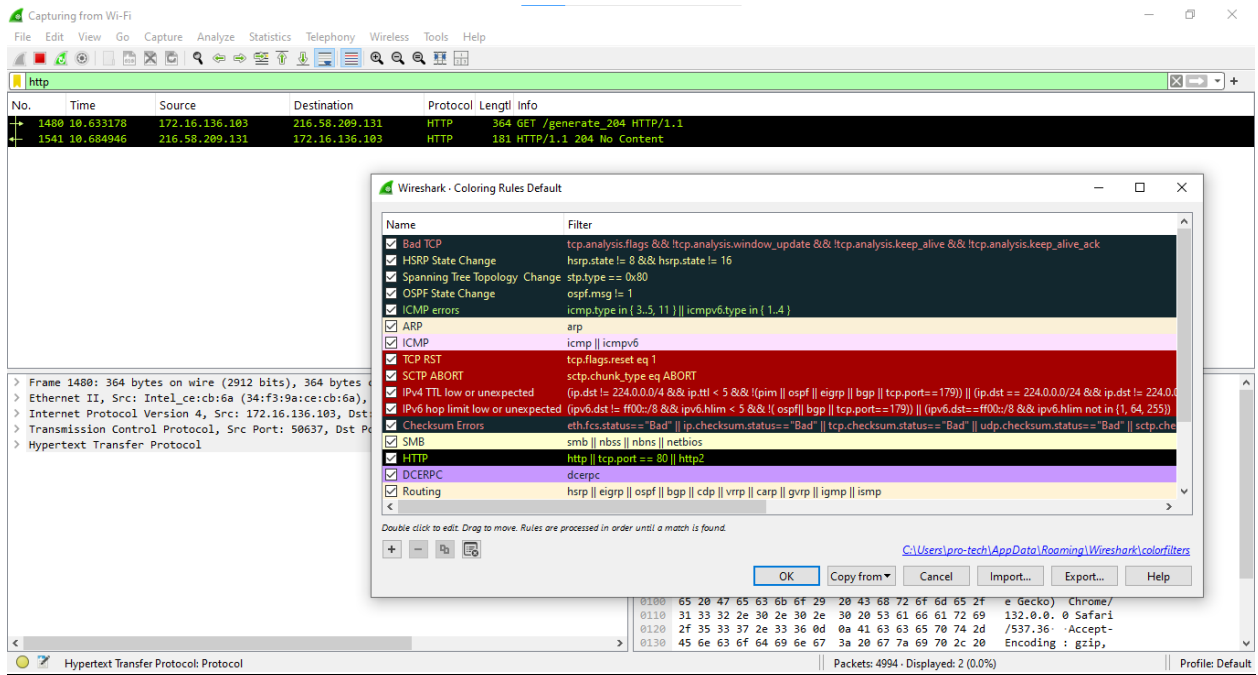
0000 08 97 34 d0 48 00 34 f3 9a ce cb 6a 08 00 45 00 ...4-H-4...j...E
0010 01 5e 7e 13 40 00 80 06 02 71 ac 10 88 67 8e fa ...w@...q...g...
0020 b5 a3 c5 45 00 50 2b ba 4d 0f 3e b8 20 35 50 18 ...E-Pa-M->SP
0030 02 00 49 ef 00 00 47 45 54 20 2f 67 05 6e 65 72 ...I-GE T /gener
0040 61 74 65 5f 32 30 34 20 48 54 50 2f 31 2e 31 ...ate_204 HTTP/1.1
0050 0d 0a 48 6f 73 74 3a 20 77 77 77 2e 67 73 74 61 ...Host: www.gsta
0060 74 69 63 2e 63 6f 6d 0d 0a 43 6f 6e 6e 65 63 74 ...tic.com- Connect
0070 69 6f 6e 3a 20 6b 65 65 70 2d 61 6c 69 76 65 0d ...ion: kee p-alive-
0080 0a 50 72 61 67 6d 61 3a 20 6e 6f 2d 63 61 63 68 ...Pragma: no-cach
0090 65 0d 0a 43 61 63 68 65 2d 43 6f 6e 74 72 6f 6c ...e-Cache -Control
00a0 3a 20 6e 6f 2d 63 61 63 68 65 00 0a 55 73 05 72 ...: no-cac he-User
00b0 2d 41 67 65 6e 74 3a 20 4d 6f 7a 69 6c 6c 61 2f ...-Agent: Mozilla/
00c0 35 2e 30 20 28 57 69 6e 64 6f 77 73 20 4e 54 20 ...5.0 (Win dows NT
00d0 31 30 2e 30 3b 20 57 69 6e 36 34 3b 20 78 36 34 ...10.0; W! n64; x64
00e0 29 20 41 70 70 6c 65 57 65 62 4b 69 74 2f 35 33 ...) AppleW ebKit/53
00f0 37 2e 33 36 20 28 4b 48 54 4d 4c 2c 20 6c 69 6b ...7.36 (KH TML, lik
0100 65 20 47 65 63 6b 6f 29 20 43 68 72 6f 6d 65 2f ...e Gecko) Chrome/
0110 31 33 32 2e 30 2e 30 2e 30 20 53 61 66 61 72 69 ...132.0.0.0 Safari
0120 2f 35 33 37 2e 33 36 0d 0a 41 63 63 65 70 74 2f .../537.36- Accept-
0130 45 6e 63 6f 64 69 6e 67 3a 20 67 7a 69 70 2c 20 ...Encoding : gzip,

Hypertext Transfer Protocol: Protocol

Packets: 10704 - Displayed: 2 (0.0%)

Profile: Default

Changed the Foreground&Background Color(Filter)



IP Address of my Computer: 172.16.136.103

IP Address of Destination: 216.58.209.131

Source Port Number: 80

Destination Port Number: 80