

CSCI 2150 Laboratory Worksheet

Network Protocol Lab

Name: _____

Date: _____

Section: _____

Use this worksheet to fill out the details that you recorded after examining *Ethernet frame 2* from the captured session "SampleCaptureSession.cap".

Ethernet Frame:

Destination address: _____ Destination NIC Manufacturer: _____

Source address: _____ Source NIC Manufacturer: _____

Internet Protocol Packet:

IP version: _____

Header length – Raw data: _____ Computed length: _____

Total length – Hexadecimal: _____ Decimal: _____

Time to live – Hexadecimal: _____ Decimal: _____

Header checksum: _____

Source addr (hex): _____ Source addr (decimal): _____

Destination addr (hex): _____ Destination addr (decimal): _____

Transmission Control Protocol Packet:

Source port (hex): _____ Source port (decimal): _____

Destination port (hex): _____ Destination port (decimal): _____

Header length – Raw data: _____ Computed length: _____

Header checksum: _____

Data Field:

In the boxes below, list the first 8 bytes of the data field:

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