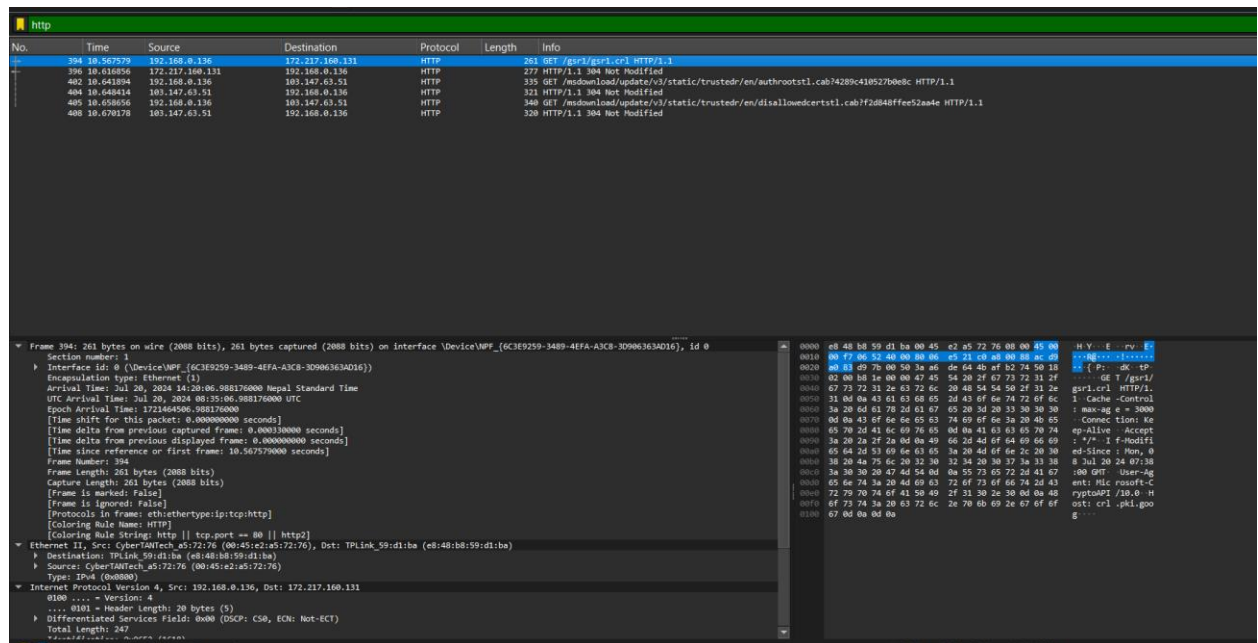


Assignment 9

WRC078BEI047

1. Capture the packet while sending an http request also capture the response. Dissect the request and the response.

Ans:



1. HTTP Request Dissection

An HTTP request consists of several components: the request line, headers, and optionally a body. Here's how to dissect it:

Request Line

- Method: Indicates the HTTP method used (e.g., GET, POST, PUT, DELETE).
- URL: The path of the resource being requested.
- Version: The HTTP version being used (e.g., HTTP/1.1).

Example: GET /index.html HTTP/1.1

- Method: GET
- URL: /index.html
- Version: HTTP/1.1

2. HTTP Response Dissection

An HTTP response consists of a status line, headers, and optionally a body. Here's how to dissect it:

Status Line

- Version: The HTTP version used (e.g., HTTP/1.1).
- Status Code: A three-digit code indicating the result of the request (e.g., 200, 404, 500).
- Reason Phrase: A brief description of the status code (e.g., OK, Not Found, Internal Server Error).

Example: HTTP/1.1 200 OK

- Version: HTTP/1.1
- Status Code: 200
- Reason Phrase: OK

C. Capture the packet while sending an email.