

ICT414 Wireshark HTTP Analysis Report – GIFT SITALI

1. Overview

A Wireshark capture was performed while visiting the website www.rocktv.app through a web browser. HTTP traffic was recorded, filtered, and analyzed to identify one HTTP GET request and its corresponding server response.

2. Steps Performed

- Wireshark was started with Administrator privileges.
- The active network interface was selected, and live capture began.
- The browser was used to access: <http://www.rocktv.app>
- The page loaded and performed a redirect.
- The capture was stopped.
- Display filter applied: `http.host == "www.rocktv.app"`
- A GET request and server response were identified.
- Screenshot saved and capture stored as `ict414_capture.pcapng`.

3. Identified HTTP Communication

Client (Source) IP: 10.0.2.15

Server (Destination) IP: 18.171.137.67

URL Requested: <http://www.rocktv.app/>

HTTP Response Code: 301 Moved Permanently

4. Packet Details

HTTP GET Request

- Source: 10.0.2.15
- Destination: 18.171.137.67
- Method: GET
- Host: www.rocktv.app

HTTP Response

- Source: 18.171.137.67
- Destination: 10.0.2.15
- Status Code: 301 Moved Permanently

5. Analysis Summary

The captured traffic shows a typical HTTP request, followed by a 301 redirect to a secure endpoint. Because HTTP was used, the request was visible in plaintext.

6. Conclusion

The Wireshark capture successfully identifies the client IP, server IP, requested URL, and the request/response flow for www.rocktv.app.

