

# **ICT414 Wireshark HTTP Analysis Report – GIFT SITALI**

## **1. Overview**

A Wireshark capture was performed while visiting the website [www.rocktv.app](http://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](http://www.rocktv.app).

