**Lab 3: Android Application Network Traffic Sniffing (BONUS)**

**Objective:** Monitor an application’s network traffic

**References:** <https://code.tutsplus.com/tutorials/analyzing-android-network-traffic--mobile-10663>  
<https://www.androidtcpdump.com/>

**Due Date:**

**TASKS**

1. Install TCPDump on your device
2. Forward traffic from the device to Wireshark running on the Desktop
3. Do this for at least two apps

**Write-up (limit 2 sheets)**

1. Demonstrate that you completed the above tasks.
2. What traffic did you see?
3. What domains were accessed?
4. Could you read any of the data? Was it encrypted?
5. How could you use this technique to assess the security of an application?
6. Bonus – can you correlate the traffic to data being written to files stored in the application’s private directory?