# **CERT Tapioca 1.0 and Expired CA Certificates**

#### Problem:

After installing the mitmproxy CA certificate in a client system, you get an error in the client application stating that the website certificate is invalid. Depending on the browser used, the errors may include:

- NET::ERR\_CERT\_DATE\_INVALID
- The certificate is not trusted because the issuer certificate has expired.
- This certificate has expired or is not yet valid

#### Cause:

When CERT Tapioca restarts the mitmproxy capture via mitm.sh, the .mitmproxy directory is copied from a static copy provided by Tapioca. This CA certificate expired on July 10, 2016 for CERT Tapioca 1.0.

### Solution:

Delete the ~/.mitmproxy directory:

rm -rf ~/.mitmproxy

Modify the  $\sim$ /.mitm.sh script to not copy over the  $\sim$ /.mitmproxy contents:

## ~/mitm.sh

#!/bin/bash

#cp -a ~/.mitmproxy\_CA/\* ~/.mitmproxy
sudo ~/iptables\_mitmproxy.sh
mitmproxy -T -w ~/logs/flows.log

This can be done by commenting out the first line that begins with  $\mathtt{cp},$  or by removing it.