frida ssl unpinning

1. 电脑端安装frida

   首先你的电脑得有python3，没有你就装一个

   然后呢，解压frida+shell.zip，运行install_frida.bat文件。

   最后，推送frida-server到你的手机咯，我已经写好脚本了，大佬可以直接跑脚本。

   ```
   frida-server-arm.bat
   frida-server-arm64.bat
   frida-server-x86.bat
   ```

   三个脚本，根据处理器的型号不同区别，如果你不知道跑那个，就先跑第一个脚本。

2. 手机端安装burpsuite证书，配置手机代理端口

   请百度

3. frida ssl unpinning js脚本

   ```
   Java.perform(function() {
       var array_list = Java.use("java.util.ArrayList");
       var ApiClient = Java.use('com.android.org.conscrypt.TrustManagerImpl');
       // console.log('Start ssl bypass.');

       ApiClient.checkTrustedRecursive.implementation = function(a1,a2,a3,a4,a5,a6) {
           console.log('Bypassing SSL Pinning');
           var k = array_list.$new();
           return k;
       }
   },0);
   ```

   我已经修改为frida_android_bypass_ssl_pining.js

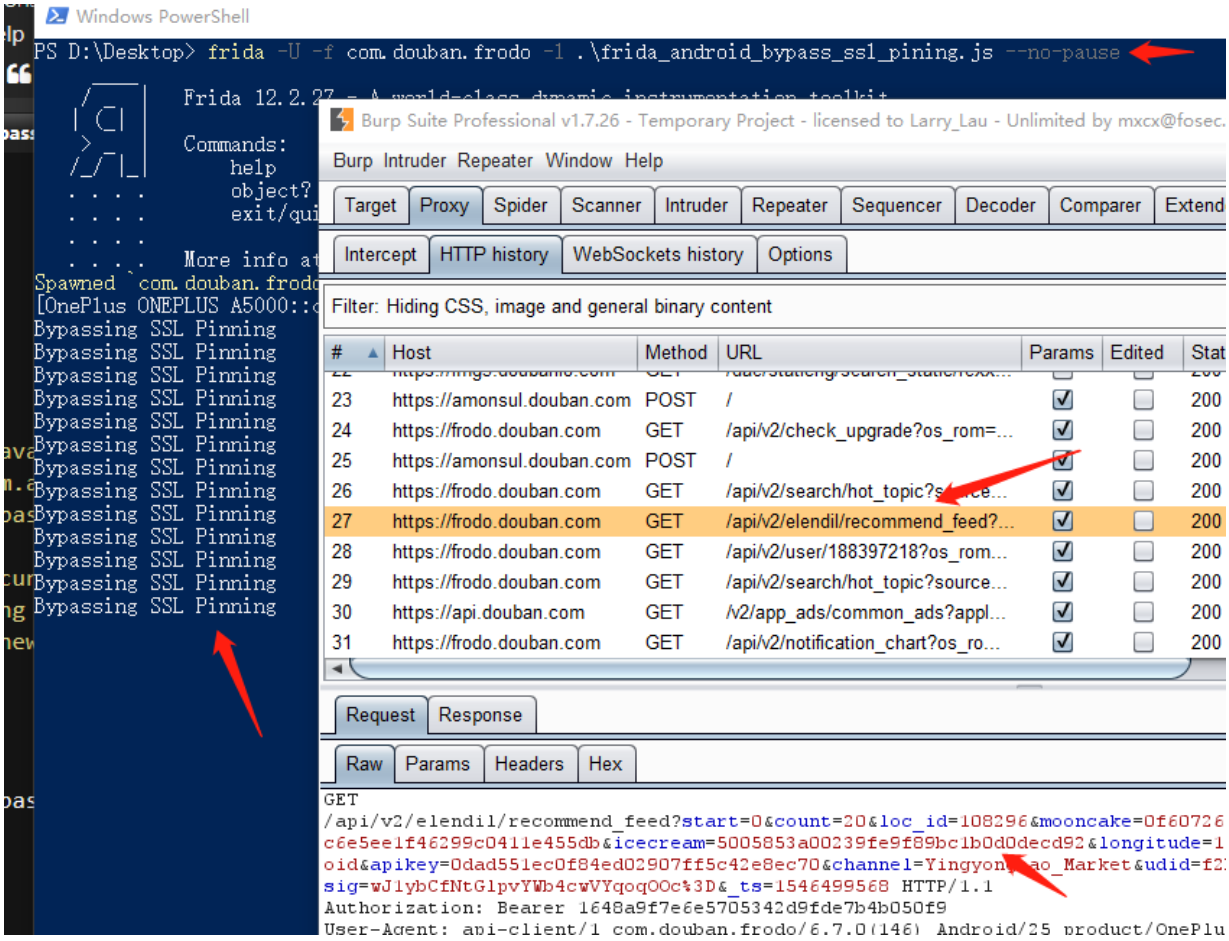
   先找到我们需要hook的进程

   ```
   frida-ps -U
   ```

   以豆瓣apk为例，豆瓣apk的进程名为com.douban.frodo，打开shell运行如下命令

   ```
   frida -U -f com.douban.frodo -l frida_android_bypass_ssl_pining.js --no-pause
   ```

   正常运行没有报错的话，就是如下图这样，你看，https的包就可以正常查看了。


Windows PowerShell
PS D:\Desktop> frida -U -f com.douban.frodo -l .\frida_android_bypass_ssl_pining.js --no-pause
Frida 12.2.27
Commands:
help
object?
exit/quit
More info at
Spawned `com.douban.frodo`
[OnePlus ONEPLUS A5000::com.douban.frodo]
Bypassing SSL Pinning
Bypassing SSL Pinning
Bypassing SSL Pinning
Bypassing SSL Pinning
Bypassing SSL Pinning
Bypassing SSL Pinning
Bypassing SSL Pinning
Bypassing SSL Pinning
Bypassing SSL Pinning
Bypassing SSL Pinning
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Bypassing SSL Pinning
Bypassing SSL Pinning
Burp Suite Professional v1.7.26 - Temporary Project - licensed to Larry_Lau - Unlimited by mxcx@fosec.
Burp Intruder Repeater Window Help
Target Proxy Spider Scanner Intruder Repeater Sequencer Decoder Comparer Extend
Intercept HTTP history WebSockets history Options
Filter: Hiding CSS, image and general binary content
Host Method URL Params Edited Stat
23 https://amonsul.douban.com POST / 200
24 https://frodo.douban.com GET /api/v2/check_upgrade?os_rom=... 200
25 https://amonsul.douban.com POST / 200
26 https://frodo.douban.com GET /api/v2/search/hot_topic?s...ce... 200
27 https://frodo.douban.com GET /api/v2/elendil/recommend_feed?... 200
28 https://frodo.douban.com GET /api/v2/user/188397218?os_rom... 200
29 https://frodo.douban.com GET /api/v2/search/hot_topic?source... 200
30 https://api.douban.com GET /v2/app_ads/common_ads?appl... 200
31 https://frodo.douban.com GET /api/v2/notification_chart?os_ro... 200
Request Response
Raw Params Headers Hex
GET
/api/v2/elendil/recommend_feed?start=0&count=20&loc_id=108296&mooncake=0f60726
c6e5ee1f46299c0411e455db&icecream=5005853a00239fe9f89bc1b0d0decd92&longitude=1
oid&apikey=0dad551ec0f84ed02907ff5c42e8ec70&channel=Yingyon...ao_Market&udid=f2
sig=wJ1ybCfNtGlpvYWb4cwVYqoqOOc%3D&_ts=1546499568 HTTP/1.1
Authorization: Bearer 1648a9f7e6e5705342d9fde7b4b050f9
User-Agent: api-client/1 com.douban.frodo/6.7.0(146) Android/25 product/OnePlu