Swascan
TINEXTA GROUP

# Temu: analisi Android

www.swascan.com

**Elementi importanti dell'analisi**

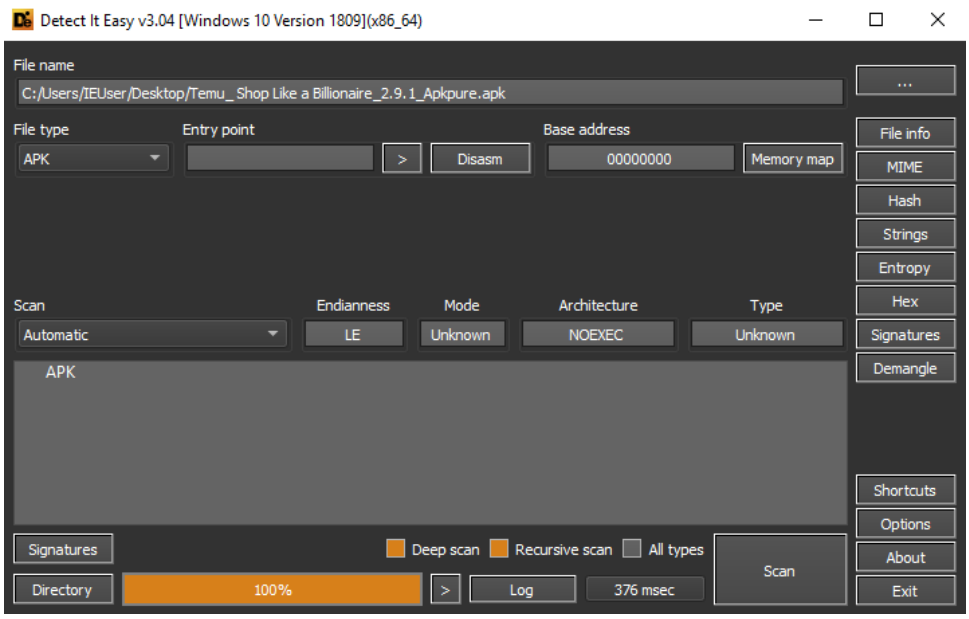
- Coefficiente d'entropia dell'APK
- Warnings inerenti a possibili Phishing detections
- Profiling dell'utente collegato
- Gathering ed utilizzo del numero di telefono, associato all'account
- Accesso al microfono e telecamera al fine di effettuare registrazioni audio, screenshots e registrare video
- Accesso ai contatti del telefono per condividere l'applicazione
- Cronologia di browsing nell'applicazione e ricerche effettuate
- Richieste HTTP sospette verso due indirizzi IP identificati contenenti diversi attributi e parametri ottenuti
- Configurazione per i parametri delle richieste HTTP
- Ottenimento del device ID ed informazioni del telefono

# Introduzione

Temu è una nuova applicazione di e-commerce, disponibile per Windows, Android e iOS, che permette l'acquisto di svariati prodotti a prezzi molto bassi. Diverse preoccupazioni e timori per la sicurezza dei dati e la privacy degli utenti sono emerse dopo la pubblicazione dell'analisi redatta da GlizzlyReports al seguente link: [We believe PDD is a Dying Fraudulent Company and its Shopping App TEMU is Cleverly Hidden Spyware that Poses an Urgent Security Threat to U.S. National Interests – Grizzly Research LLC (grizzlyreports.com)]

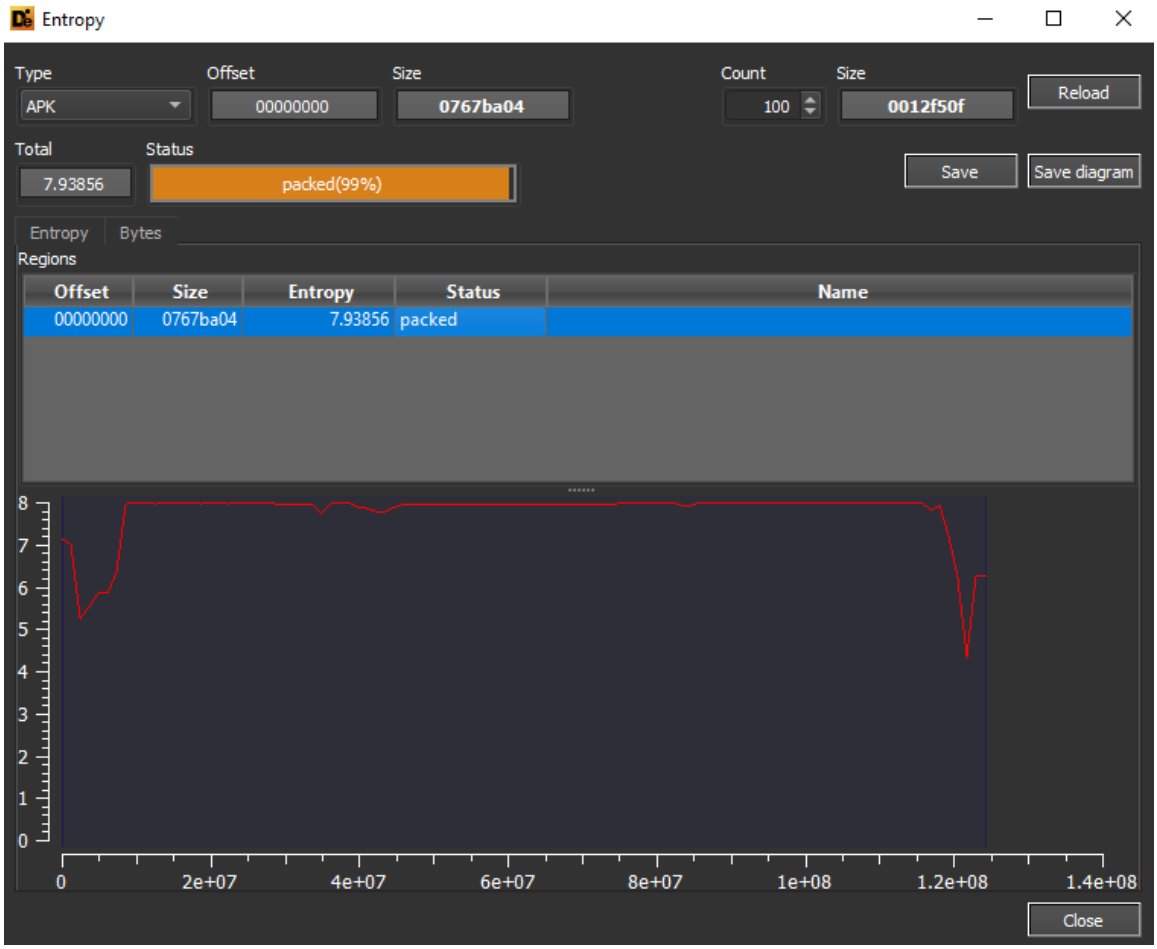
# APK assessment

Nella presente analisi è stato preso in considerazione l'archivio APK (versione 2.9.1) con hash **8601e8ec7dc523f02df8bd52a4ac22e3**.




```
File name: C:/Users/IEUser/Desktop/Temu_ Shop Like a Billionaire_2.9.1_Apkpure.apk
Size: 124238340(118.48 MB)
MD5: 8601e8ec7dc523f02df8bd52a4ac22e3
SHA1: 67b753415f78360aed23d6ef4dcd620ab01417f3
Entropy: 7.93856(packed)
```

L'archivio possiede un alto coefficiente d'entropia che indica una situazione di packing ed obfuscation.

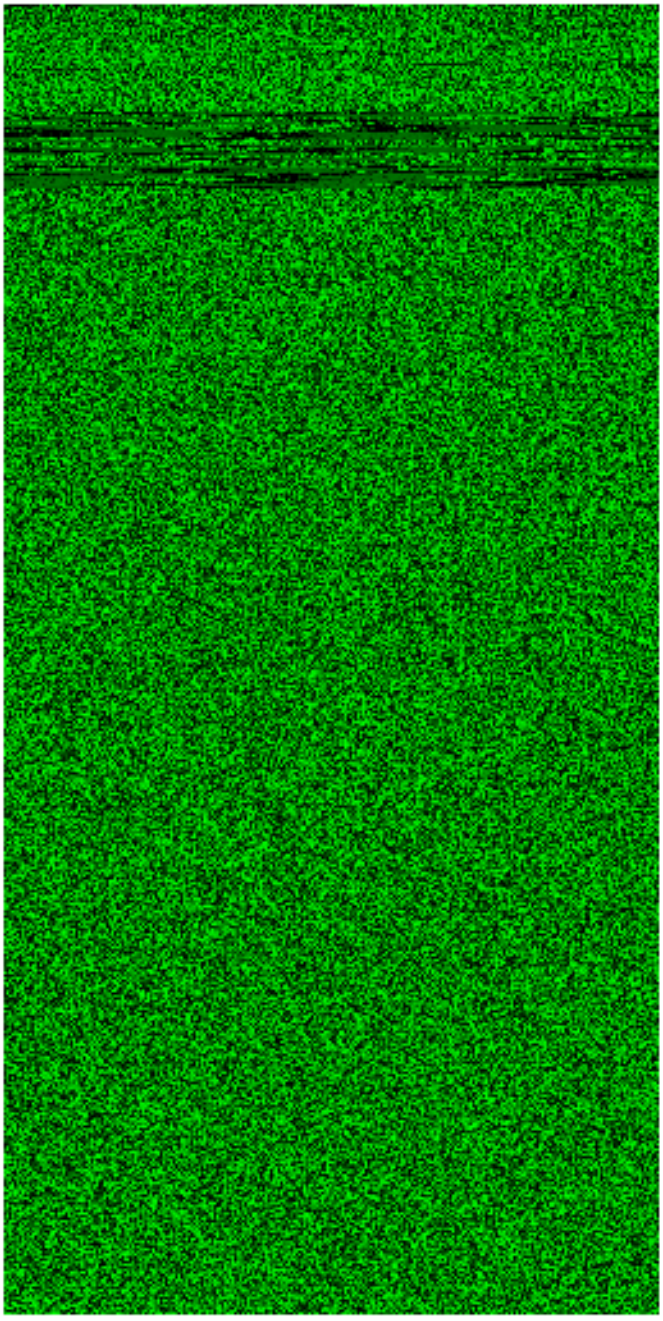


Effettuando una disamina del codice esadecimale dell'applicazione è possibile notare riferimenti al pacchetto *baogong*, contenente diversi metodi di gestione dei pagamenti, shopping carts enumerations ma anche metodi di hardware information gathering e permessi piuttosto invasivi ma necessari per alcune features di Temu.

| Address | Hex | Symbols |
|---|---|---|
| 073f:ee30 | 74 5f 75 73 65 72 5f 67 75 69 64 65 5f 63 6c 69 | t_user_guide_cli |
| 073f:ee40 | 63 6b 5f 62 6c 61 63 6b 00 30 30 61 70 70 5f 62 | ck_black.00app_b |
| 073f:ee50 | 61 6f 67 6f 6e 67 5f 73 68 6f 70 70 69 6e 67 5f | aogong_shopping_ |
| 073f:ee60 | 63 61 72 74 5f 75 73 65 72 5f 67 75 69 64 65 5f | cart_user_guide_ |
| 073f:ee70 | 64 72 61 67 5f 74 69 70 5f 62 67 00 29 29 61 70 | drag_tip_bg.))ap |
| 073f:ee80 | 70 5f 62 61 6f 67 6f 6e 67 5f 73 68 6f 70 70 69 | p_baogong_shoppi |
| 073f:ee90 | 6e 67 5f 63 61 72 74 5f 75 73 65 72 5f 67 75 69 | ng_cart_user_gui |
| 073f:eea0 | 64 65 5f 74 69 70 31 00 29 29 61 70 70 5f 62 61 | de_tip1.))app_ba |
| 073f:eeb0 | 6f 67 6f 6e 67 5f 73 68 6f 70 70 69 6e 67 5f 63 | ogong_shopping_c |
| 073f:eec0 | 61 72 74 5f 75 73 65 72 5f 67 75 69 64 65 5f 74 | art_user_guide_t |
| 073f:eed0 | 69 70 32 00 2c 2c 61 70 70 5f 62 61 6f 67 6f 6e | ip2.,,app_baogon |
| 073f:eee0 | 67 5f 73 68 6f 70 70 69 6e 67 5f 63 61 72 74 5f | g_shopping_cart_ |
| 073f:eef0 | 77 68 69 74 65 5f 72 65 63 65 6e 74 61 67 65 5f | white_recentage_ |
| 073f:ef00 | 62 67 00 2b 2b 61 70 70 5f 62 61 6f 67 6f 6e 67 | bg.++app_baogong |
| 073f:ef10 | 5f 73 68 6f 70 70 69 6e 67 5f 63 61 72 74 5f 77 | _shopping_cart_w |
| 073f:ef20 | 68 69 74 65 5f 73 74 61 72 74 5f 61 72 72 6f 77 | hite_start_arrow |
| 073f:ef30 | 00 32 32 61 70 70 5f 62 61 6f 67 6f 6e 67 5f 73 | .22app_baogong_s |
| 073f:ef40 | 68 6f 70 70 69 6e 67 5f 63 61 72 74 5f 77 68 69 | hopping_cart_whi |
| 073f:ef50 | 74 65 5f 73 74 61 72 74 5f 61 72 72 6f 77 5f 62 | te_start_arrow_b |
| 073f:ef60 | 69 74 6d 61 70 00 2b 2b 61 70 70 5f 62 61 6f 67 | itmap.++app_baog |
| 073f:ef70 | 6f 6e 67 5f 73 68 6f 70 70 69 6e 67 5f 77 69 73 | ong_shopping_wis |
| 073f:ef80 | 68 5f 71 75 69 63 6b 5f 6c 6f 6f 6b 5f 62 74 6e | h_quick_look_btn |
| 073f:ef90 | 5f 62 67 00 29 29 61 70 70 5f 62 61 6f 67 6f 6e | _bg.))app_baogon |
| 073f:efa0 | 67 5f 73 68 6f 70 70 69 6e 67 5f 77 69 73 68 5f | g_shopping_wish_ |
| 073f:efb0 | 72 65 73 65 6c 65 63 74 5f 62 74 6e 5f 62 67 00 | reselect_btn_bg. |
| 073f:efc0 | 2d 2d 61 70 70 5f 62 61 6f 67 6f 6e 67 5f 73 68 | --app_baogong_sh |
| 073f:efd0 | 6f 70 70 69 6e 67 5f 77 69 73 68 5f 73 6b 75 5f | opping_wish_sku_ |
| 073f:efe0 | 61 64 64 5f 63 61 72 74 5f 62 74 6e 5f 62 67 00 | add_cart_btn_bg. |
| 073f:eff0 | 20 20 61 70 70 5f 62 61 6f 67 6f 6e 67 5f 73 68 | app_baogong_sh |
| 073f:f000 | 6f 70 70 69 6e 67 5f 77 69 73 68 5f 73 6b 75 5f | opping_wish_sku_ |

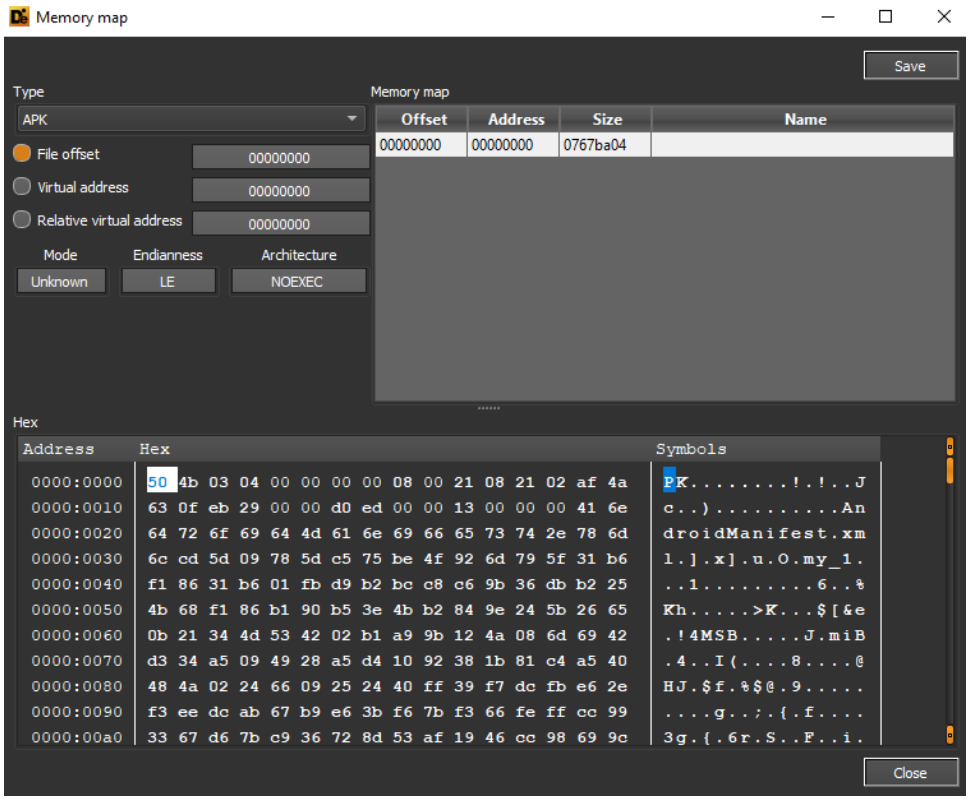
Hex 073feea6 073fee82 25

A seguire la distribuzione di bytes dell'APK, nella quale si evince una fase di *byte shuffling* nella regione alta:

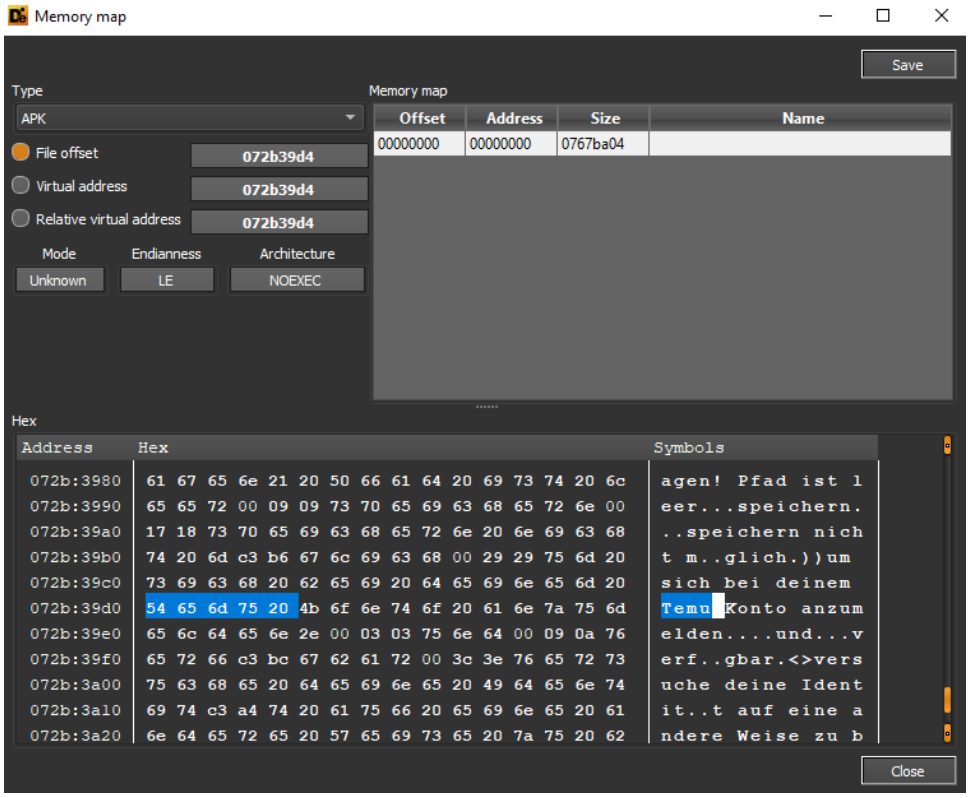


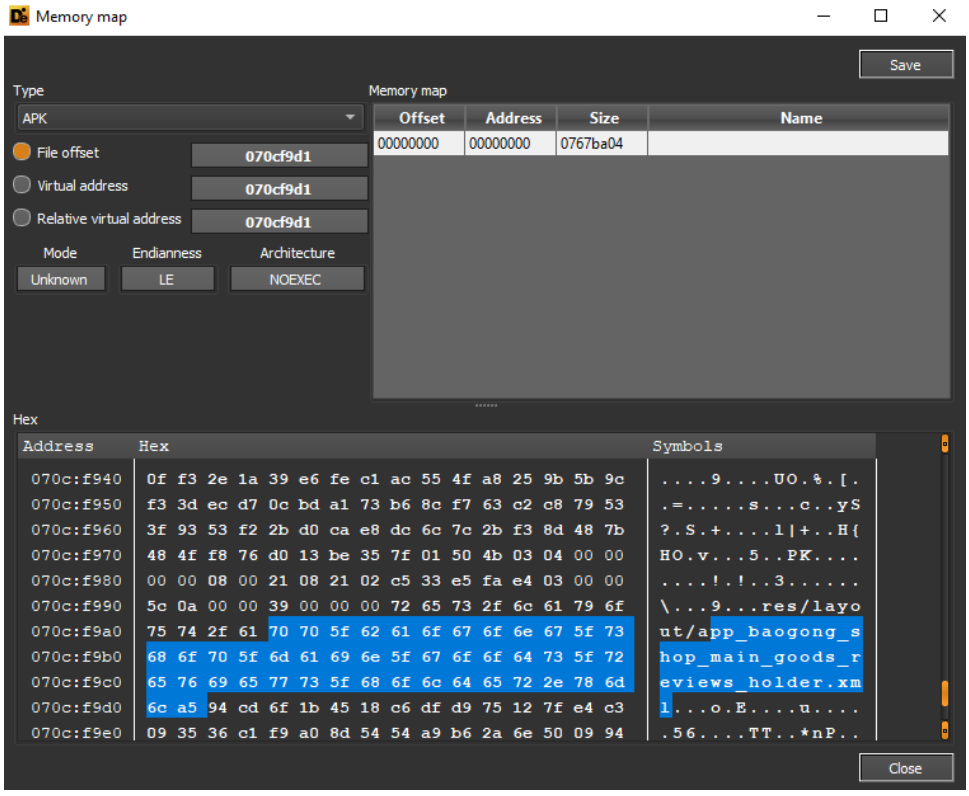
Showing 131072 bytes starting at offset 00000000.

A seguire i dettagli della mappatura di memoria dell'archivio APK, ove si evidenzia l'header del file PK, identificante dei files di tipo archivio.

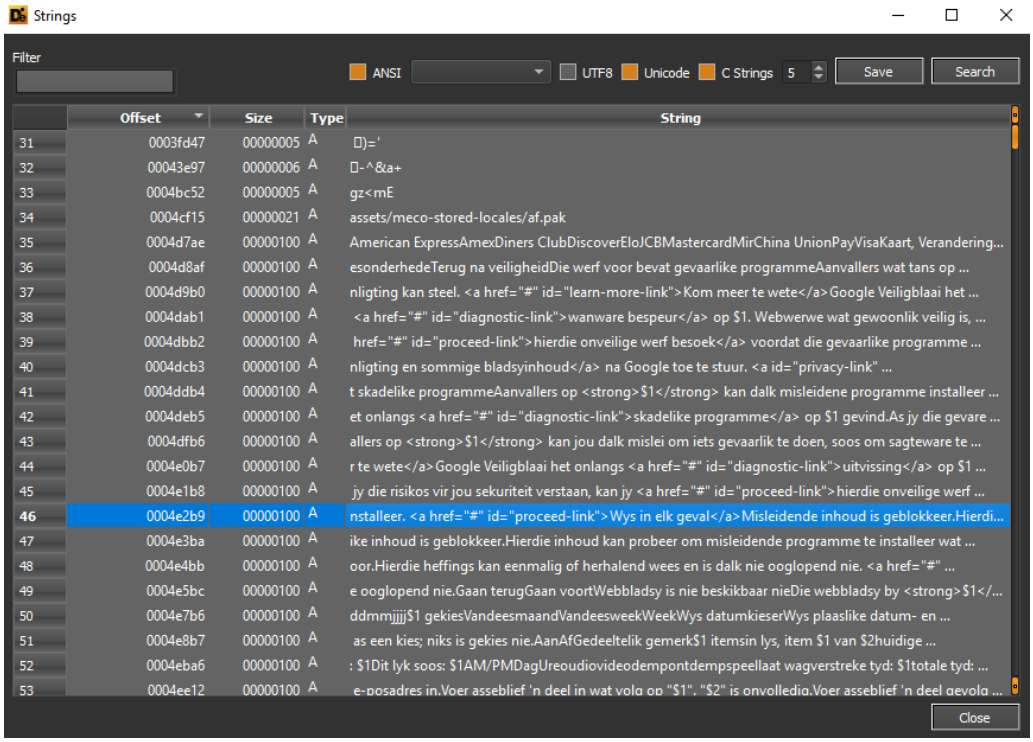


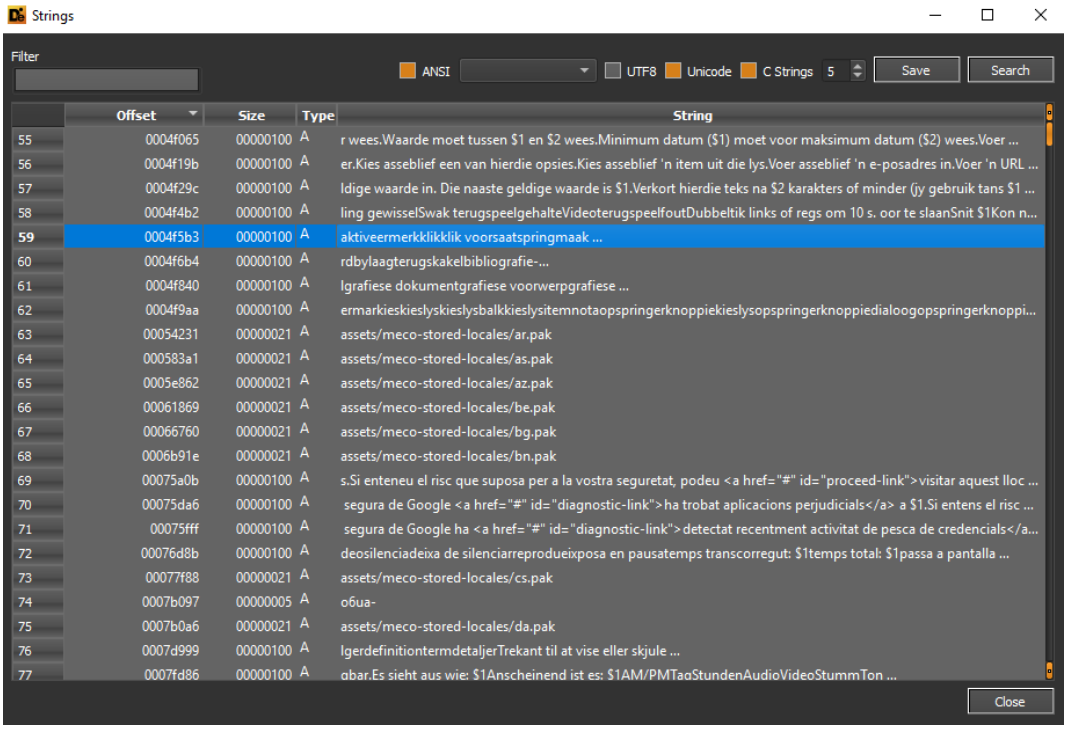

All'interno del dumping esadecimale della sezione possiamo notare il riferimento a stringhe in lingua tedesca e al package *app_baogong* che permette di gestire nel caso specifico le settings del UI model XML.


Memory map
Save
Type
APK
File offset
072b39d4
Virtual address
072b39d4
Relative virtual address
072b39d4
Mode
Endianness
Architecture
Unknown
LE
NOEXEC
Memory map
Offset
Address
Size
Name
00000000
00000000
0767ba04
Hex
Address
Hex
Symbols
072b:3980 61 67 65 6e 21 20 50 66 61 64 20 69 73 74 20 6c agen! Pfad ist l
072b:3990 65 65 72 00 09 09 73 70 65 69 63 68 65 72 6e 00 eer...speichern.
072b:39a0 17 18 73 70 65 69 63 68 65 72 6e 20 6e 69 63 68 ..speichern nich
072b:39b0 74 20 6d c3 b6 67 6c 69 63 68 00 29 29 75 6d 20 t m..glich.))um
072b:39c0 73 69 63 68 20 62 65 69 20 64 65 69 6e 65 6d 20 sich bei deinem
072b:39d0 54 65 6d 75 20 4b 6f 6e 74 6f 20 61 6e 7a 75 6d Temu Konto anzum
072b:39e0 65 6c 64 65 6e 2e 00 03 03 75 6e 64 00 09 0a 76 elden....und...v
072b:39f0 65 72 66 c3 bc 67 62 61 72 00 3c 3e 76 65 72 73 erf..gbar.<>vers
072b:3a00 75 63 68 65 20 64 65 69 6e 65 20 49 64 65 6e 74 uche deine Ident
072b:3a10 69 74 c3 a4 74 20 61 75 66 20 65 69 6e 65 20 61 it..t auf eine a
072b:3a20 6e 64 65 72 65 20 57 65 69 73 65 20 7a 75 20 62 ndere Weise zu b
Close

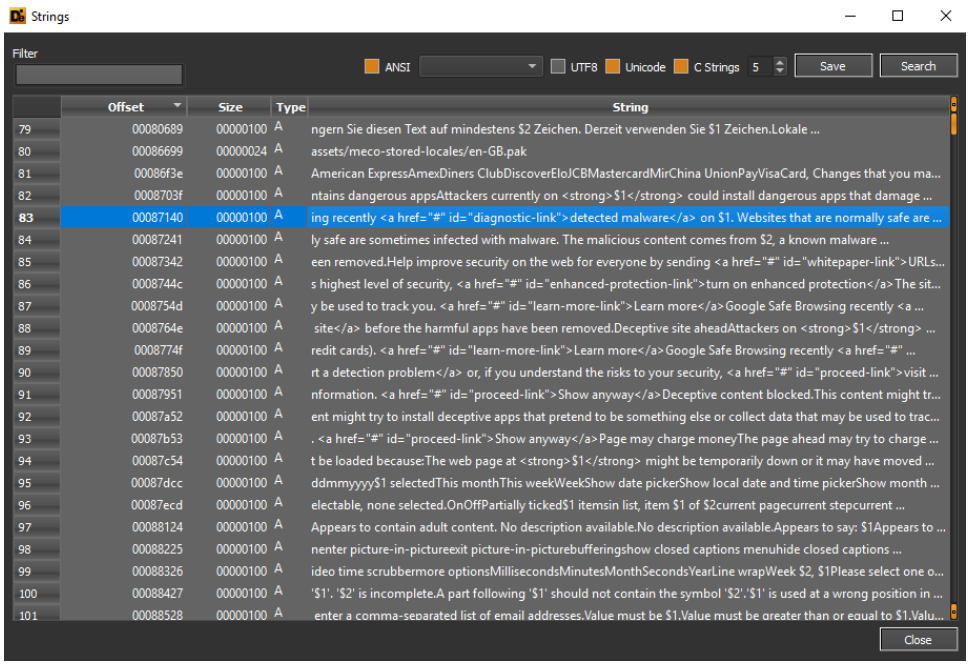

Memory map
Save
Type
APK
File offset
070cf9d1
Virtual address
070cf9d1
Relative virtual address
070cf9d1
Mode
Endianness
Architecture
Unknown
LE
NOEXEC
Memory map
Offset
Address
Size
Name
00000000
00000000
0767ba04
Hex
Address
Hex
Symbols
070c:f940 0f f3 2e 1a 39 e6 fe c1 ac 55 4f a8 25 9b 5b 9c ....9....UO.%.[.
070c:f950 f3 3d ec d7 0c bd a1 73 b6 8c f7 63 c2 c8 79 53 .=.....s...c..yS
070c:f960 3f 93 53 f2 2b d0 ca e8 dc 6c 7c 2b f3 8d 48 7b ?.S.+....l|+..H{
070c:f970 48 4f f8 76 d0 13 be 35 7f 01 50 4b 03 04 00 00 HO.v...5..PK....
070c:f980 00 00 08 00 21 08 21 02 c5 33 e5 fa e4 03 00 00 ....!.!..3......
070c:f990 5c 0a 00 00 39 00 00 00 72 65 73 2f 6c 61 79 6f \...9...res/layo
070c:f9a0 75 74 2f 61 70 70 5f 62 61 6f 67 6f 6e 67 5f 73 ut/app_baogong_s
070c:f9b0 68 6f 70 5f 6d 61 69 6e 5f 67 6f 6f 64 73 5f 72 hop_main_goods_r
070c:f9c0 65 76 69 65 77 73 5f 68 6f 6c 64 65 72 2e 78 6d eviews_holder.xm
070c:f9d0 6c a5 94 cd 6f 1b 45 18 c6 df d9 75 12 7f e4 c3 l...o.E....u....
070c:f9e0 09 35 36 c1 f9 a0 8d 54 54 a9 b6 2a 6e 50 09 94 .56....TT..*nP..
Close

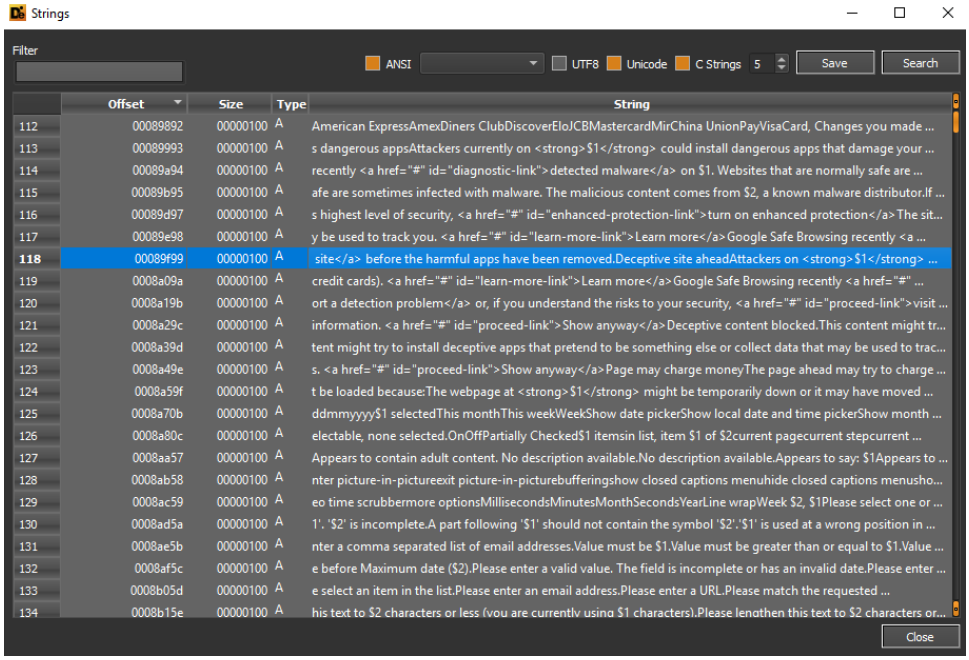
Abbiamo evidenza di costrutti riferiti a collegamenti HTML href e pulsanti per la struttura *WebView*:

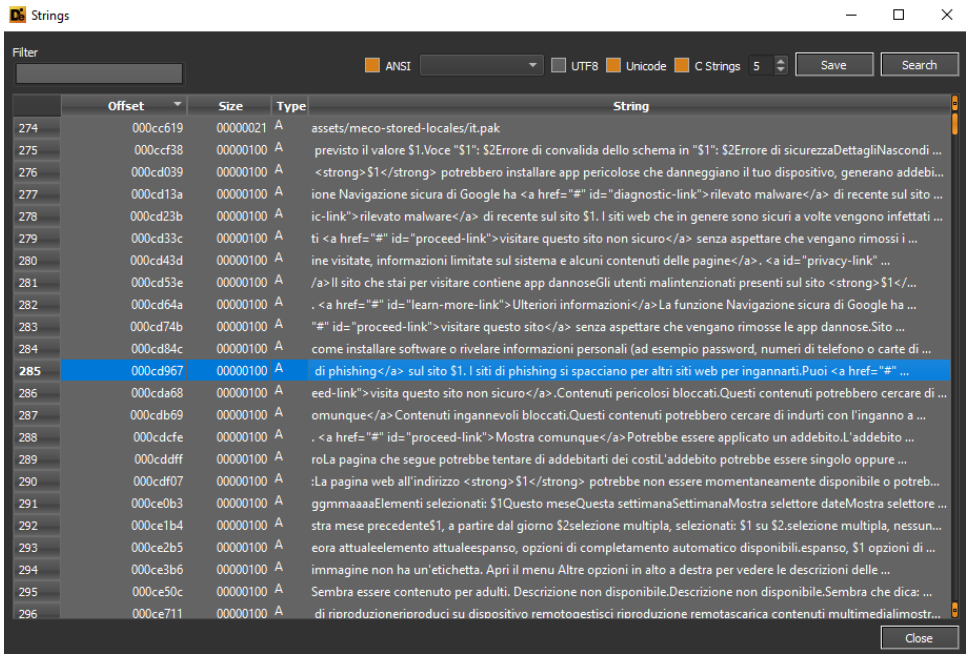


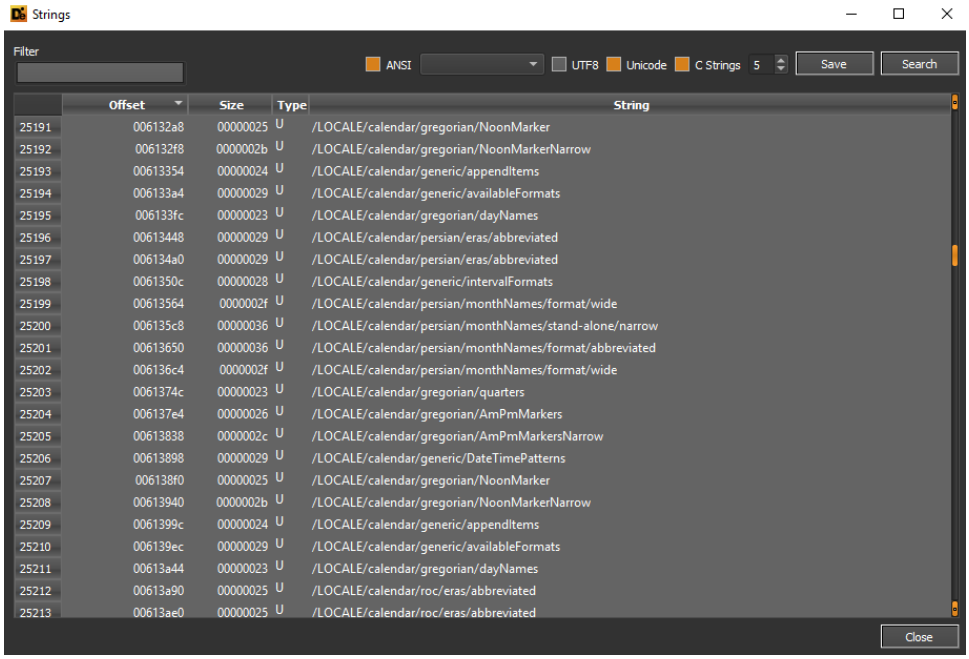
A seguire le stringhe estratte relative ad un recente warning per l'applicazione stessa da parte di Google Safe Browsing ed associate a deceptive behaviour, pertanto riferibile a potenziali pagine false che richiedono pagamenti con carta elettronica:



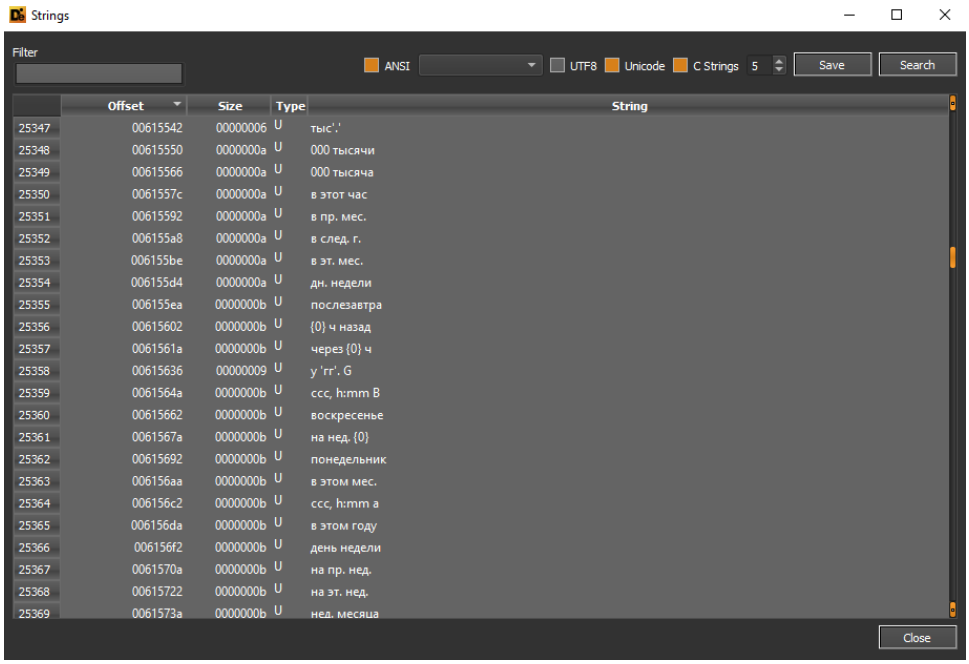





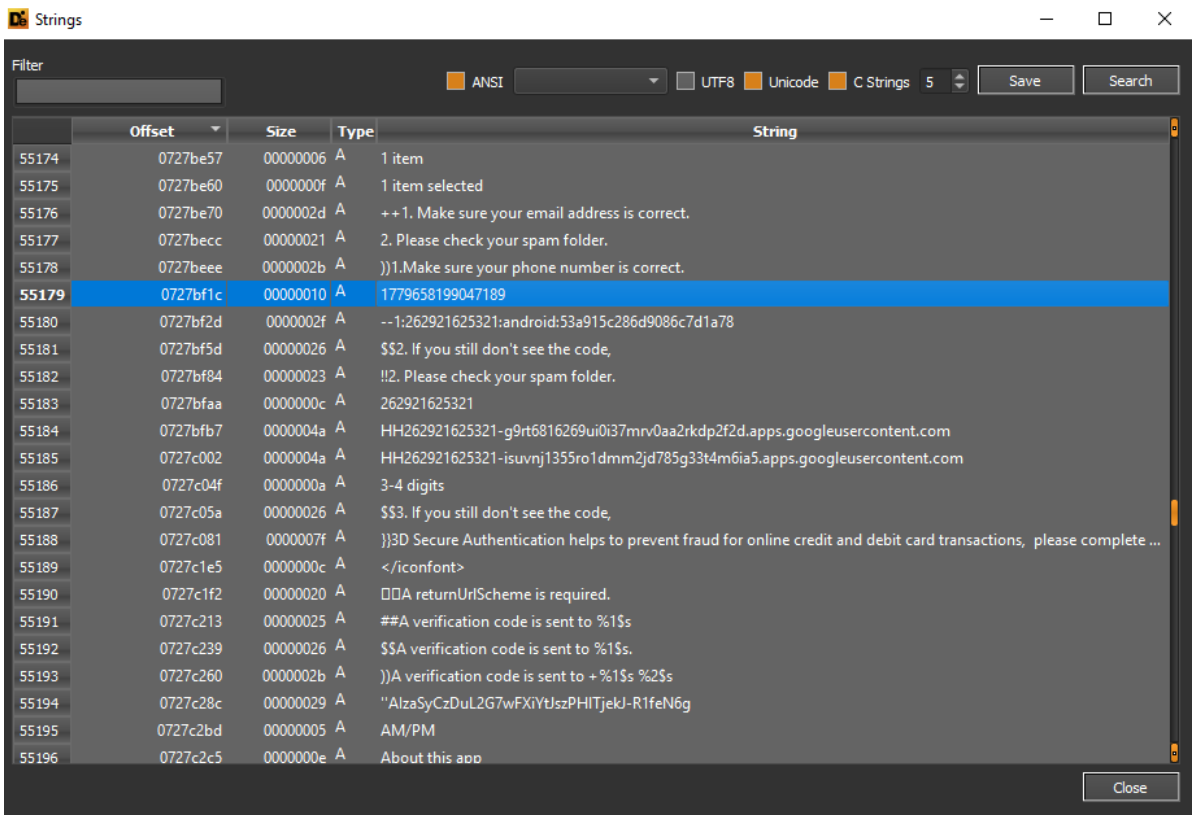

Temu utilizza diversi moduli di tipo *Calendar* ed attributi per i patterns di *DateTime* e *dayNames*, pertanto a seconda della nazionalità del dispositivo sul quale è stata installata l'applicazione, vengono utilizzati diversi approcci di gestione delle date e dei giorni della settimana.



Di seguito alcuni riferimenti a stringhe in cirillico per la selezione multilanguage:

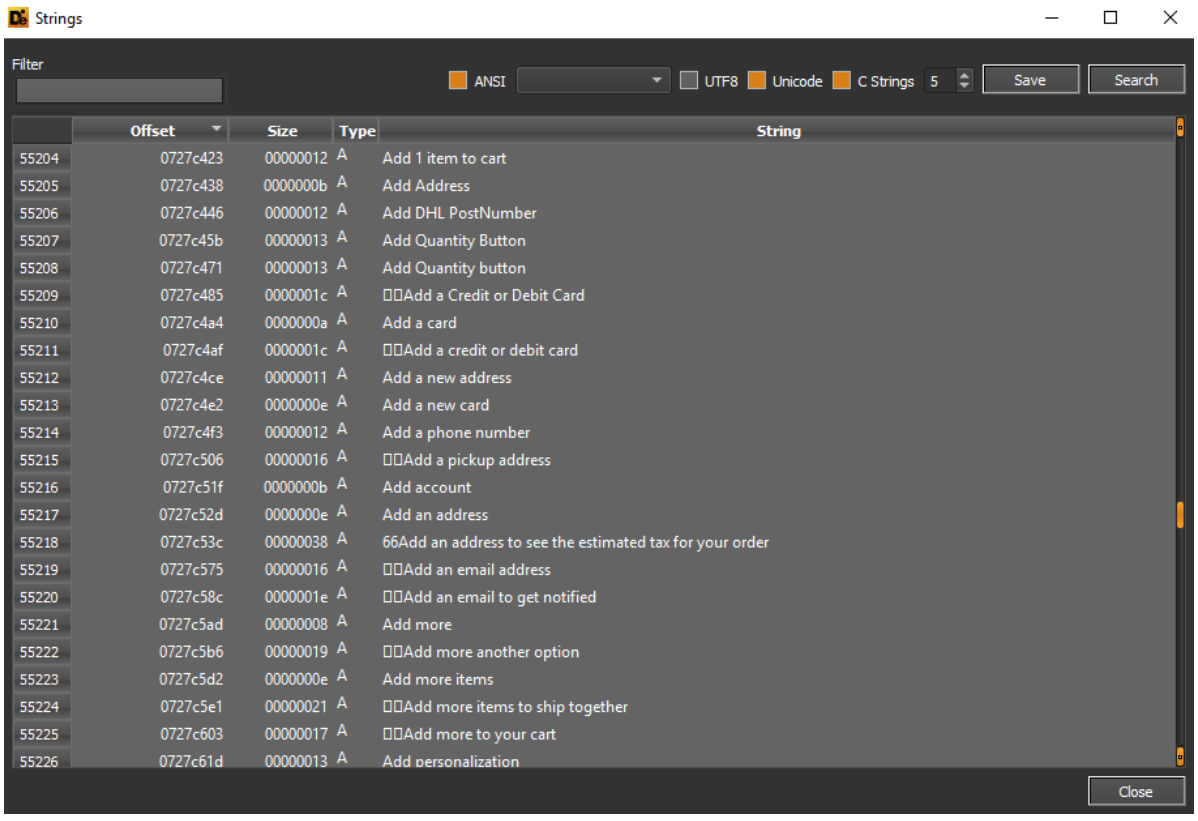



L'ID utilizzato da Temu in contesti di richieste API risulta essere **262921625321**:

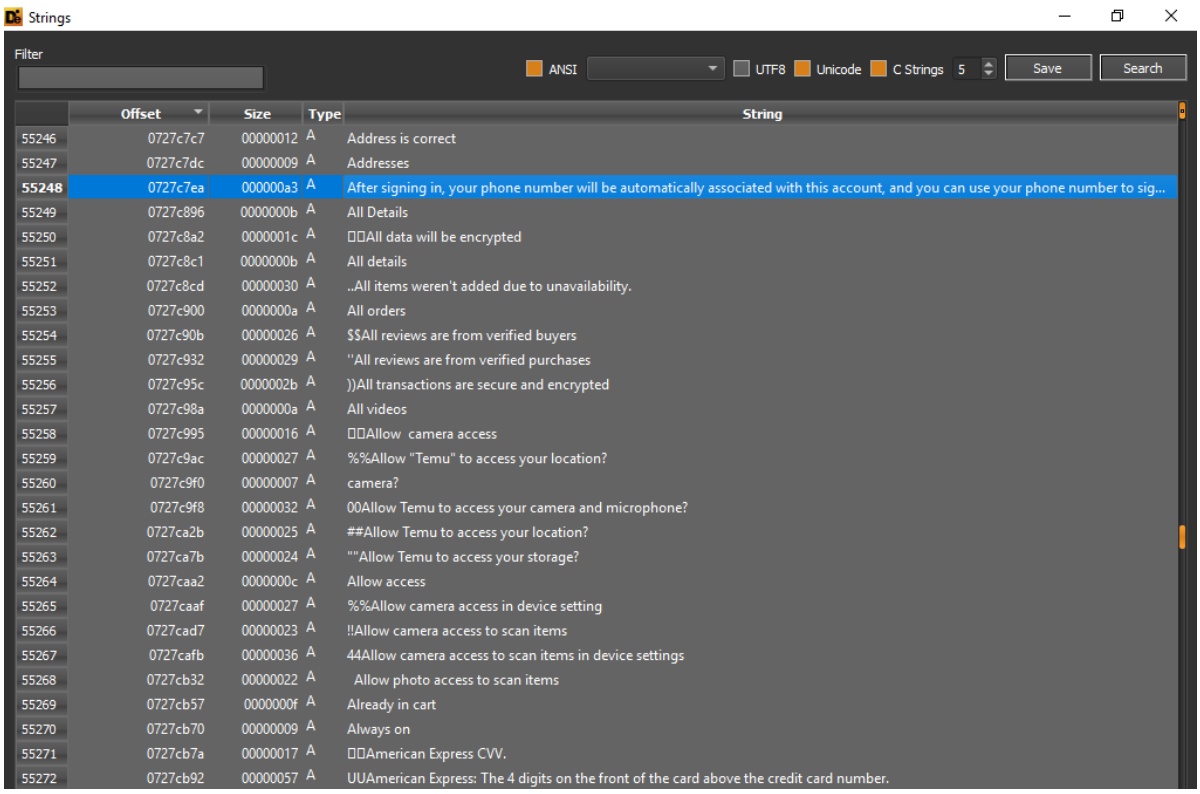


(self.webpackChunkmobile_bg_web_home=self.webpackChunkmobile_bg_web_home||[]).push([[458],{58105:function(e,t,n){"use strict";n.d(t,{DX:function(){return i},mQ:function(){return a},oY:function(){return o},vH:function(){return r}});var r={granted:"granted",denied:"denied",default:"default"},a={systerm:0,guide:1,none:2,guideDbBtn:3},o="0.2.0";function i(){return{WebsitePushID:location.host.indexOf("htjdemo.com")>-1?"web.com.htjdemo.www":"web.com.temu",WebServiceURL:"https://".concat(location.host,"/api/bg/tampa/safari")}}},74521:function(e,t,n){"use strict";n.d(t,{O:function(){return O},S1:function(){return C},Sw:function(){return N},Z:function(){return Z},eV:function(){return w},wz:function(){return x},ax:function(){return _},wl:function(){return E},Jz:function(){return b}});var r=n(37883),a=n.n(r),o=n(96253),n(40851),n(75115),n(9878)),i=n(47752),s=n(58105),c={apiKey:"AIzaSyDnCl9JCJNC0eRXXvME37C918WVteDrHJY",projectId:"whaleco",messagingSenderId:"262921625321",appId:"1:262921625321:web:12e973bfabb02206a7d1a78"},l="BGg3p8HfM2Jnbm5SDPG2CTrCa5xC7sOcq6_RdcV_5K5tzDtuuyEOy-L78lsrgAMJaipsO8DX64_M9cgDeszY1SU",u=n(51851),m=n(97499),d=n(24242),p=n(93496),f=n(38058),g=n(18671),v=function(e,t,n,r){return new(n||(n=Promise))((function(a,o){function i(e){try{c(r.next(e))}catch(e){o(e)}}function s(e){try{c(r.throw(e))}catch(e){o(e)}}function c(e){var t;e.done?a(e.value):(t=e.value,t instanceof n?t:new n((function(e){e(t)}))).then(i,s)}c((r=r.apply(e,t||[])).next())}))},h=null;function b(e){if(!h){var t=(0,p.zT)().system;h={os:t,pkg_version:s.oY}}h=Object.assign({},h,e)}function y(e){return Object.assign({},h,e)}function _(e){return(0,d.sendClickMetrics)(y(e))}function E(e){return(0,d.sendImprMetrics)(y(e))}function w(e){return new Promise((function(t,n){var r={NotificationPermissionResult:"default",popSuccess:!1},a=setTimeout((function(){r.popSuccess=!0,e()}),50);Notification.requestPermission().then((function(e){clearTimeout(a),r.NotificationPermissionResult=e,t(r)})).catch(n)}))}function x(e){return new Promise((function(t,n){var r=setTimeout(n,15e3),a=(0,s.DX)(),o=a.WebsitePushID,i=a.WebServiceURL,c=null;try{window.safari.pushNotification.requestPermission(i,o,{api_uid:(0,u.ej)("api_uid"),bg_id:(0,u.ej)("_bee"),ua:navigator.userAgent},(function(e){clearTimeout(r),t(e)}))}catch(e){(c=e)&&n(e)}c||e()}))}function N(){return(0,i.Gb)()}function k(e){switch(e){case"default":return 2;case"denied":return 0;case"granted":return 1}}function I(e){var t=e.$axiosHttp,n=e.onMessageHandler,r=e.pageSN;(0,o.ZF)(c);var a=(0,i.KL)((0,o.Mq)());(0,i.ps)(a,(function(e){n&&n(e)})),navigator.serviceW

Temu possiede diverse funzionalità fisiologiche caratteristiche di applicativi e-commerce, tra cui l'aggiunta del numero postale DHL per il corriere, aggiunta della carta di credito (tra cui l'inserimento del numero CVV per effettuare il pagamento tramite metodo 3DS), l'aggiunta del numero telefonico.



Il numero di telefono inserito risulterà pertanto associato con l'utenza collegata. Vi sono poi riferimenti ai permessi richiesti da Temu, quali accesso alla telecamera, accesso allo storage del telefono, accesso al microfono, accesso alla location:




Vi è la possibilità di modificare ed eliminare eventuali ordini effettuati, cancellare pagamenti e metodi di pagamento, come ad esempio PayPal.

| | Offset | Size | Type | String |
|---|---|---|---|---|
| 55276 | 0727cc51 | 0000001b | A | □□Answer security questions |
| 55277 | 0727cc6f | 0000000b | A | App version |
| 55278 | 0727cc7d | 00000005 | A | Apply |
| 55279 | 0727cc85 | 00000012 | A | Approve to replace |
| 55280 | 0727cc9e | 0000001b | A | □□Are you sure to sign out? |
| 55281 | 0727ccba | 0000002a | A | ((Are you sure you want to cancel payment? |
| 55282 | 0727cce5 | 00000036 | A | 44Are you sure you want to delete %1$s ending in %2$s? |
| 55283 | 0727cd1c | 0000002d | A | ++Are you sure you want to delete the review? |
| 55284 | 0727cd4a | 0000002f | A | --Are you sure you want to delete this address? |
| 55285 | 0727cd7a | 0000002d | A | ++Are you sure you want to delete this order? |
| 55286 | 0727cda8 | 00000036 | A | 44Are you sure you want to delete your PayPal account? |
| 55287 | 0727cddf | 00000055 | A | SSAre you sure you want to remove these item? You can always deselect it at checkout. |
| 55288 | 0727ce35 | 0000003e | A | <<Are you sure you want to remove this account on this device? |
| 55289 | 0727ce74 | 00000054 | A | RRAre you sure you want to remove this item? You can always deselect it at checkout. |
| 55290 | 0727cec9 | 0000003c | A | ::Are you sure you want to remove your Cash App Pay account? |
| 55291 | 0727cf06 | 00000035 | A | 33Are you sure you want to remove your Paidy account? |
| 55292 | 0727cf3c | 00000036 | A | 44Are you sure you want to remove your PayPal account? |
| 55293 | 0727cf73 | 00000022 | A | Are you sure you want to resend? |
| 55294 | 0727cf96 | 0000004a | A | HHAre you sure? If you leave this screen now, your changes won't be saved. |
| 55295 | 0727cfe1 | 0000001a | A | □□Are you trying to shake? |
| 55296 | 0727d000 | 00000099 | A | As required by the relevant State Sales Tax Laws, the marketplace facilitator is required to collect Sales Tax and remit to the relevant t... |
| 55297 | 0727d0a9 | 00000012 | A | Back to front page |
| 55298 | 0727d0be | 00000009 | A | Bank logo |
| 55299 | 0727d0c8 | 00000044 | A | BBBank system maintenance, please try another bank or payment method |
| 55300 | 0727d10f | 00000006 | A | Banner |
| 55301 | 0727d116 | 00000025 | A | ##Below are other shopping cart items |
| 55302 | 0727d13e | 00000009 | A | Bill here |

È presente una browsing history che tiene traccia della navigazione lato e-commerce effettuata mediante l'utilizzo dell'applicazione. Vi è un modulo di *profiling* che tiene tracciamento delle attività dell'utenza collegata.

| | Offset | Size | Type | String |
|---|---|---|---|---|
| 55306 | 0727d187 | 00000005 | A | Black |
| **55307** | 0727d194 | 0000004c | A | JJBring a form of ID to your chosen collection point to collect your parcel. |
| 55308 | 0727d1e1 | 00000025 | A | ##Browse and add your favorite items. |
| 55309 | 0727d209 | 00000010 | A | Browsing history |
| 55310 | 0727d24d | 00000016 | A | Check out shop reviews |
| 55311 | 0727d266 | 00000009 | A | Buy again |
| 55312 | 0727d272 | 0000000c | A | Buy the same |
| 55313 | 0727d281 | 0000000e | A | Buy this again |
| 55314 | 0727d292 | 0000000f | A | Buy with Google |
| 55315 | 0727d2a7 | 00000028 | A | &&By clicking Register, you agree to our |
| 55316 | 0727d2d0 | 00000021 | A | □□By continuing, you agree to our |
| 55317 | 0727d2f2 | 0000004b | A | llBy continuing, you agree to our Terms of Use and Privacy & Cookie Policy. |
| 55318 | 0727d349 | 00000023 | A | !!CVV is not required for this card |
| 55319 | 0727d36f | 00000006 | A | Camera |
| 55320 | 0727d378 | 0000000b | A | Camera film |
| 55321 | 0727d384 | 00000033 | A | 11Can't find the address? Please enter it manually. |
| 55322 | 0727d3b8 | 00000019 | A | □□Can't find your items? |
| 55323 | 0727d3d2 | 00000018 | A | □□Can't find your order? |
| 55324 | 0727d3eb | 00000017 | A | □□Can't find your size? |
| 55325 | 0727d403 | 0000001c | A | □□Can't load search results. |
| 55326 | 0727d420 | 0000003c | A | ::Can't start profiler because external storage is not ready |
| 55327 | 0727d45f | 00000006 | A | Cancel |
| 55328 | 0727d466 | 00000019 | A | □□Cancel deletion request |
| 55329 | 0727d480 | 00000052 | A | PPCannot automatically jump to the permission setting page, please set it yourself |
| 55330 | 0727d4d3 | 00000038 | A | 66Cant't find your size? Find similar items in your size |
| 55331 | 0727d515 | 00000011 | A | Card Bind Failed. |
| 55332 | 0727d529 | 0000000b | A | Card number |

| | Offset | Size | Type | String |
|---|---|---|---|---|
| 56021 | 07283143 | 00000013 | A | Product description |
| 56022 | 07283159 | 0000000f | A | Product details |
| 56023 | 0728316b | 00000013 | A | Product measurement |
| 56024 | 0728317f | 00000016 | A | □□Product measurement: |
| 56025 | 07283198 | 00000007 | A | Profile |
| 56026 | 072831a0 | 00000029 | A | "Profiler finished. Results are in %1$s. |
| 56027 | 072831cc | 00000010 | A | Profiler started |
| 56028 | 072831e0 | 00000100 | A | .Protecting your privacy is important to us! Please be assured that your information will be kept secured and uncompromised. We d... |
| 56029 | 072832e1 | 0000002e | A | cy to provide and improve our services to you. |
| 56030 | 07283312 | 00000010 | A | Pull down button |
| 56031 | 07283325 | 0000000e | A | Purchase: %1$s |
| 56032 | 07283336 | 0000000f | A | Purchased item: |
| 56033 | 07283348 | 00000010 | A | Purchased item: |
| 56034 | 0728335f | 00000043 | A | AAQualify for a free gift! Pick a free gift to ship with this order |
| 56035 | 072833a5 | 00000008 | A | Quantity |
| 56036 | 072833ae | 0000002b | A | ))Quick help you deal with payment problems |
| 56037 | 072833dc | 0000000a | A | Quick look |
| 56038 | 072833e7 | 0000001d | A | □□Quoted content was deleted. |
| 56039 | 07283405 | 0000001e | A | □□Quoted content was recalled. |
| 56040 | 07283426 | 0000000a | A | Range end, |
| 56041 | 07283433 | 0000000c | A | Range start, |
| 56042 | 07283449 | 0000000e | A | Rate this chat |
| 56043 | 0728345a | 0000000e | A | Rather not say |
| 56044 | 0728346b | 00000006 | A | Rating |
| 56045 | 07283472 | 00000019 | A | □□Read full return policy |
| 56046 | 0728348e | 00000006 | A | Recall |
| 56047 | 07283497 | 00000006 | A | Recent |

| | | | | |
|---|---|---|---|---|
| 66302 | 0736ca12 | 0000000e | A | Procedi (%1$s) |
| 66303 | 0736ca23 | 00000010 | A | Profiler avviato |
| 66304 | 0736ca34 | 0000002f | A | --Profiler ha finito. I risultati sono in %1$s. |
| 66305 | 0736ca66 | 00000007 | A | Profilo |

È possibile collegare Temu ai metodi di pagamento Afterpay, Clearpay, Klarna, PayPal e iDEAL.

| | Offset | Size | Type | String |
|---|---|---|---|---|
| 55384 | 0727d97c | 0000000d | A | Confirm Login |
| 55385 | 0727d98c | 0000000f | A | Confirm address |
| 55386 | 0727d99e | 00000012 | A | Confirm and change |
| 55387 | 0727d9b1 | 0000001f | A | □□Confirm delivery successfully |
| 55388 | 0727d9d3 | 00000011 | A | Confirm my choice |
| 55389 | 0727d9e5 | 0000003c | A | ::Confirm your email and we will send a password reset code. |
| 55390 | 0727da22 | 0000001d | A | □□Connecting to your Afterpay |
| 55391 | 0727da40 | 0000001d | A | □□Connecting to your Clearpay |
| 55392 | 0727da5e | 0000001b | A | □□Connecting to your Klarna |
| 55393 | 0727da7a | 0000001b | A | □□Connecting to your PayPal |
| 55394 | 0727da96 | 00000019 | A | □□Connecting to your bank |
| 55395 | 0727dab0 | 0000001a | A | □□Connecting to your iDEAL |
| 55396 | 0727dacd | 0000000c | A | Contact %1$s |
| 55397 | 0727dada | 0000001a | A | □□Contact Customer Service |
| 55398 | 0727daf7 | 0000000c | A | Contact Temu |
| 55399 | 0727db06 | 0000000a | A | Contact us |
| 55400 | 0727db13 | 00000008 | A | Continue |
| 55401 | 0727db1e | 00000010 | A | Continue as %1$s |
| 55402 | 0727db31 | 00000011 | A | Continue deletion |
| 55403 | 0727db45 | 00000011 | A | Continue shopping |
| 55404 | 0727db59 | 00000013 | A | Continue submitting |
| 55405 | 0727db6f | 0000000f | A | Continue to Pay |
| 55406 | 0727db81 | 0000000f | A | Continue to add |
| 55407 | 0727db93 | 00000010 | A | Continue to edit |
| 55408 | 0727dba6 | 00000012 | A | Continue to submit |
| 55409 | 0727dbb9 | 0000001d | A | □□Continue with Email / Phone |
| 55410 | 0727dbd7 | 00000018 | A | □□Continue with Facebook |
| 55411 | 0727dbf0 | 00000016 | A | □□Continue with Google |

Qui stringhe di riferimento all'inserimento del codice di verifica dell'account, l'indirizzo e-mail od il numero di telefono associato.

| | Offset | Size | Type | String |
|---|---|---|---|---|
| 55522 | 0727e733 | 0000000f | A | will never miss |
| 55523 | 0727e743 | 00000025 | A | ##Encrypted for your safety & privacy |
| 55524 | 0727e76b | 00000008 | A | End date |
| 55525 | 0727e776 | 00000007 | A | Ends in |
| 55526 | 0727e77e | 00000048 | A | FFEnjoy %1$s and %2$s after signing in! Don't miss out on coupon bundle! |
| 55527 | 0727e7c7 | 00000048 | A | FFEnjoy %1$s and %2$s after signing in! Don't miss out on item discount! |
| 55528 | 0727e810 | 00000052 | A | PPEnjoy these special offers after signing in! Are you sure you want to leave now? |
| 55529 | 0727e863 | 0000004f | A | MMEnjoy these special offers after signing in! Don't miss out on coupon bundle! |
| 55530 | 0727e8b3 | 0000004f | A | MMEnjoy these special offers after signing in! Don't miss out on item discount! |
| 55531 | 0727e903 | 0000004b | A | IIEnter a new password you would like to associate with your account below. |
| 55532 | 0727e94f | 00000018 | A | □□Enter an email address |
| 55533 | 0727e968 | 0000004c | A | JJEnter an email address you would like to assciate with your account below. |
| 55534 | 0727e9b7 | 00000012 | A | Enter phone number |
| 55535 | 0727e9ca | 00000058 | A | VVEnter the new mobile phone number you would like to associate with your account below. |
| 55536 | 0727ea23 | 0000001f | A | □□Enter the password reset code |
| 55537 | 0727ea43 | 0000004d | A | KKEnter the phone number you would like to associate with your account below. |
| 55538 | 0727ea91 | 0000001d | A | □□Enter the verification code |
| 55539 | 0727eaaf | 0000001b | A | □□Enter your email address. |
| **55540** | 0727eacb | 0000002c | A | **Enter your mobile number or email address. |
| 55541 | 0727eaf8 | 0000001b | A | □□Enter your mobile number. |
| 55542 | 0727eb16 | 00000013 | A | Enter your password |
| 55543 | 0727eb2a | 0000001a | A | □□Enter your phone number. |
| 55544 | 0727eb47 | 00000005 | A | Error |
| 55545 | 0727eb4f | 00000009 | A | Error 404 |
| 55546 | 0727eb5b | 0000000d | A | Example: %1$s |
| 55547 | 0727eb75 | 00000007 | A | Coupons |
| 55548 | 0727eb7d | 00000016 | A | □□Exclusive promotions |

Da una disamina ulteriore delle stringhe estraibili possiamo avere evidenza di patterns codificati in Base64 che fanno riferimento ad un file di certificato:

| | Offset | Size | Type | String |
|---|---|---|---|---|
| 55750 | 072807ca | 00000039 | A | 77Login with your Google account failed. Please try again |
| 55751 | 07280804 | 00000037 | A | 55Login with your Line account failed. Please try again |
| 55752 | 0728083c | 0000003a | A | 88Login with your Twitter account failed. Please try again |
| 55753 | 07280879 | 00000012 | A | Looking for ideas? |
| 55754 | 0728088e | 00000013 | A | Low carbon emission |
| 55755 | 072808a6 | 000000e9 | A | M12,4.5C7,4.5 2.73,7.61 1,12c1.73,4.39 6,7.5 11,7.5s9.27,-3.11 11,-7.5c-1.73,-4.39 -6,-7.5 -11,-7.5zM12,17c-2.76,0 -5,-2.24 -5,-5s2.24,-5 ... |
| 55756 | 07280990 | 00000050 | A | NNM2,4.27 L19.73,22 L22.27,19.46 L4.54,1.73 L4.54,1 L23,1 L23,23 L1,23 L1,4.27 Z |
| 55757 | 072809e1 | 0000004c | A | JJM2,4.27 L2,4.27 L4.54,1.73 L4.54,1.73 L4.54,1 L23,1 L23,23 L1,23 L1,4.27 Z |
| 55758 | 07280a2e | 00000019 | A | □□M3.27,4.27 L19.74,20.74 |
| 55759 | 07280a4c | 00000100 | A | MIIEQzCCAyugAwIBAgIJAMLgh0ZkSjCNMA0GCSqGSIb3DQEBBAUAMHQxCzAJBgNVBAYTAlVTMRMwEQYDVQQIEwpDYWxpZm9yb... |
| 55760 | 07280b4d | 00000100 | A | zAJBgNVBAYTAlVTMRMwEQYDVQQIEwpDYWxpZm9ybmlhMRYwFAYDVQQHEw1Nb3VudGFpbiBWaWV3MRQwEgYDVQQKEwtHb29... |
| **55761** | 07280c4e | 00000100 | A | and2qSGT2y5b+3JKkedxiLDmpHpDsz2WCbdxgxRczfey5YZnTJ4VZbH0xqWVW/8lGmPav5xVwnIiJS6HXk+BVKZF+JcWjAsb/GEuq/... |
| 55762 | 07280d4f | 00000100 | A | rUiGYXtqw/A0LFFtqoZKFjnkCAQOjgdkwgdYwHQYDVR0OBBYEFMd9jMIhF1Ylmn/... |
| 55763 | 07280e50 | 00000100 | A | ZHJvaWQxEDAOBgNVBAMTB0FuZHJvaWSCCQDC4ldGZEowjTAMBgNVHRMEBTADAQH/... |
| 55764 | 07280f51 | 000000af | A | pknHf1SKMXFh4dd239FJ1jWYfbMDMy3NS5CTMQ2XFI1MvcyUTdZPErjQfTbQe3aDQsQcafEQPD+nqActifKZ0Np0IS9L9kR/... |
| 55765 | 07281004 | 00000100 | A | <MIIEqDCCA5CgAwIBAgIJANWFuGx90071MA0GCSqGSIb3DQEBBAUAMIGUMQswCQYDVQQGEwJVUzETMBEGA1UECBMKQ2FsaWZ... |
| 55766 | 07281105 | 00000100 | A | Fw0wODA0MTUyMzM2NTZaFw0zNTA5MDEyMzM2NTZaMIGUMQswCQYDVQQGEwJVUzETMBEGA1UECBMKQ2FsaWZvcm5pYTEW... |
| 55767 | 07281206 | 00000100 | A | vcNAQEBBQADggENADCCAQgCggEBANbOLggKv+IxTdGNs8/... |
| 55768 | 07281307 | 00000100 | A | EH6kWr22ijx4OKXISlx2xT1AsSHee70w5iDBiK4aph27yH3TxkXy9V89TDdexAcKk/cVHYNnDBapcavI7y0RiQ4biu8ymM8Ga/... |
| 55769 | 07281408 | 00000100 | A | KQ2FsaWZvcm5pYTEWMBQGA1UEBxMNTW91bnRhaW4gVmlldzEQMA4GA1UEChMHQW5kcm9pZDEQMA4GA1UECxMHQW5kcm9... |
| 55770 | 07281509 | 00000100 | A | HVvXxunW7SBrDhEgIQZBbKJEk5kT0mtKoOD1JMrSu1xuTKEBahWRbqHsXclaXjoBADb0kkjVEJu/... |
| 55771 | 0728160a | 00000037 | A | Tk+jkbqxbsh8nfBUapfKqYn0eidpwq2AzVp3juYI7//fKnaPhJD9gs= |
| 55772 | 07281644 | 00000007 | A | MM / YY |
| 55773 | 0728164e | 00000005 | A | MM/YY |
| 55774 | 07281656 | 00000007 | A | Magenta |
| 55775 | 07281667 | 0000000b | A | Manage cart |

**Input**

```
MIIEQzCCAyugAwIBAgIJAMLgh0ZkSjCNMA0GCSqGSIb3DQEBBAUAMHQxCzAJBgNVBAYTAlVTMRMwEQYDVQQIEwpDYWxpZm9ybmlhMRYwFAYD
VQQHEw1Nb3VudGFpbiBWaWV3MRQwEgYDVQQKEwtHb29nbGUgSW5jLjEQMA4GA1UECxMHQW5kcm9pZDEQMA4GA1UEAxMHQW5kcm9pZDAeFw0w
ODA4MjEyMzEzMzRaFw0zNjAxMDcyMzEzMzRaMHQx
```

256 1 256 Raw Bytes LF

**Output**

```
0•EOTC0•ETX+ ETXSTXSOHSTXSTX NULÂà•FdJ0•0CR ACK *•H•÷CR SOHSOHEOTENQNUL0t1VT0 ACKETXUEOTACKDC3STXUS1DC30DC1ACKETXUEOT BS DC3
California1SYN0DC4ACKETXUEOTBELDC3 CRMountain View1DC40DC2ACKETXUEOT
DC3VTGoogle Inc.1DLE0SO ACKETXUEOT VT DC3BELAndroid1DLE0SO ACKETXUEOTETXDC3BELAndroid0RS ETB CR080821231334ZETB CR360107231334Z0t1
```

**Input**

```
MIIEQzCCAyugAwIBAgIJAMLgh0ZkSjCNMA0GCSqGSIb3DQEBBAUAMHQxCzAJBgNVBAYTAlVTMRMwEQYDVQQIEwpDYWxpZm9ybmlhMRYwFAYD
VQQHEw1Nb3VudGFpbiBWaWV3MRQwEgYDVQQKEwtHb29nbGUgSW5jLjEQMA4GA1UECxMHQW5kcm9pZDEQMA4GA1UEAxMHQW5kcm9pZDAeFw0w
ODA4MjEyMzEzMzRaFw0zNjAxMDcyMzEzMzRaMHQx
```

256 1 256 Raw Bytes LF

**Output**

```
File type:   Certificate
Extension:   cer,cat,p7b,p7c,p7m,p7s,swz,rsa,crl,crt,der
MIME type:   application/pkix-cert
```

L'autorizzazione di accesso alla posizione da parte dell'applicazione potrebbe essere dovuta al fatto che la medesima permette di aprire specifici indirizzi con Maps:

| | Offset | Size | Type | String |
|---|---|---|---|---|
| 55850 | 07281e2a | 0000000f | A | No viewed items |
| 55851 | 07281e3a | 00000017 | A | □□No, keep this account |
| **55852** | 07281e54 | 00000012 | A | No, keep this card |
| 55853 | 07281e67 | 0000001d | A | □□No, need help with my order |
| 55854 | 07281e87 | 00000010 | A | No, review later |
| 55855 | 07281e9a | 0000000d | A | Not Available |
| 55856 | 07281eaa | 00000007 | A | Not now |
| 55857 | 07281eb2 | 0000001c | A | □□Not now, continue shopping |
| 55858 | 07281ed1 | 00000008 | A | Not you? |
| 55859 | 07281edc | 00000011 | A | Not your account? |
| 55860 | 07281ef0 | 00000012 | A | Not your accounts? |
| 55861 | 07281f05 | 0000000d | A | Notifications |
| 55862 | 07281f15 | 00000009 | A | Notify me |
| 55863 | 07281f41 | 0000005f | A | ]]Once your parcel is ready for collection, you'll receive an email and an in-app notification. |
| 55864 | 07281fa3 | 0000000d | A | One-Click Pay |
| 55865 | 07281fb1 | 0000002a | A | ((One-click pay items ship with this order |
| 55866 | 07281fdc | 00000024 | A | ""Only %1$s items have been selected |
| 55867 | 07282003 | 00000006 | A | Only 1 |
| 55868 | 0728200a | 0000001f | A | □□Only 1 item has been selected |
| 55869 | 0728202a | 00000019 | A | □□Only 1 option available |
| 55870 | 07282044 | 00000017 | A | □□Oops! Slow connection |
| 55871 | 0728205e | 0000000f | A | Open in browser |
| 55872 | 07282070 | 0000000c | A | Open in maps |
| 55873 | 0728207f | 0000000d | A | Open on phone |
| 55874 | 0728208f | 0000000c | A | Open setting |
| 55875 | 0728209e | 0000000d | A | Open settings |
| 55876 | 072820ae | 0000000d | A | Opening hours |

Vi è la possibilità di salvare la carta di credito inserita: tale pratica potrebbe essere indesiderata da alcuni utenti che preferiscono sovente inserire le informazioni della carta di credito nel momento del pagamento in fase di effettuazione e autorizzazione mediante sistema 3DS.

| | Offset | Size | Type | String |
|---|---|---|---|---|
| 55958 | 0728292c | 0000001b | A | □□Please enter a last name. |
| 55959 | 07282948 | 00000053 | A | QQPlease enter a phone number so we can call if there are any issues with delivery. |
| 55960 | 0728299c | 00000021 | A | □□Please enter a postcode to find |
| 55961 | 072829be | 0000003d | A | ;;Please enter a postcode to find a suitable pickup location. |
| 55962 | 072829fc | 00000026 | A | $$Please enter a valid DHL PostNumber. |
| 55963 | 07282a23 | 00000024 | A | ""Please enter a valid phone number. |
| 55964 | 07282a48 | 0000001f | A | □□Please enter an email address |
| 55965 | 07282a68 | 0000002e | A | „Please enter another postcode and try again. |
| 55966 | 07282a97 | 0000001e | A | □□Please enter any search word |
| **55967** | 07282ab6 | 0000001b | A | □□Please enter card number. |
| 55968 | 07282ad2 | 0000001c | A | □□Please enter other reason. |
| 55969 | 07282aef | 00000025 | A | ##Please enter the information below. |
| 55970 | 07282b15 | 00000022 | A | Please enter your email address! |
| 55971 | 07282b38 | 00000019 | A | □□Please enter your name. |
| 55972 | 07282b52 | 00000034 | A | 22Please enter your password to verify your identity |
| 55973 | 07282b87 | 00000035 | A | 33Please enter your password to verify your identity. |
| 55974 | 07282bbd | 0000001c | A | □□Please enter your quantity |
| 55975 | 07282bde | 000000a0 | A | Please fill in the recipient's details. Please ensure the full name matches the name on the recipient's ID, which may need to be broug... |
| 55976 | 07282c7f | 00000024 | A | ""Please input 9 digits phone number |
| 55977 | 07282ca6 | 00000010 | A | Please input CVV |
| 55978 | 07282cb9 | 00000011 | A | Please input CVV. |
| 55979 | 07282ccb | 0000001c | A | □□Please input a valid code. |
| 55980 | 07282ce8 | 0000001e | A | □□Please input billing address |
| 55981 | 07282d07 | 00000035 | A | 33Please keep at least one address saved for delivery |
| 55982 | 07282d3f | 00000012 | A | Please login first |
| 55983 | 07282d72 | 00000017 | A | keep your device stable |
| 55984 | 07282d8a | 0000001b | A | □□Please remember this card |

| | Offset | Size | Type | String |
|---|---|---|---|---|
| 56135 | 07283be0 | 00000011 | A | Saved to wishlist |
| 56136 | 07283bf2 | 00000046 | A | DDSaving your Cash App account is a more convenient and faster payment |
| 56137 | 07283c39 | 0000004c | A | JJSaving your PayPal account is a more convenient and faster payment method. |
| 56138 | 07283c88 | 00000007 | A | Savings |
| 56139 | 07283c92 | 00000009 | A | Scan card |
| 56140 | 07283c9e | 0000000d | A | Scan products |
| 56141 | 07283cac | 00000038 | A | 66Scan products or upload an image to find similar items |
| 56142 | 07283ce5 | 00000025 | A | ##Scan products to find similar items |
| 56143 | 07283d26 | 00000014 | A | Please keep stable. |
| 56144 | 07283d3d | 00000006 | A | Search |
| 56145 | 07283d46 | 0000000e | A | Search On Temu |
| 56146 | 07283d57 | 0000000b | A | Search Temu |
| 56147 | 07283d65 | 0000000f | A | Search by photo |
| 56148 | 07283d77 | 0000000b | A | Search city |
| 56149 | 07283d83 | 00000019 | A | □□Search country & region |
| 56150 | 07283d9f | 0000000f | A | Search district |
| 56151 | 07283daf | 0000002b | A | ))Search for an address directly on the map |
| 56152 | 07283ddd | 0000000e | A | Search history |
| 56153 | 07283dee | 0000000e | A | Search on Temu |
| 56154 | 07283dff | 0000000c | A | Search query |
| 56155 | 07283e0e | 0000000e | A | Search results |
| 56156 | 07283e1f | 0000000c | A | Search state |
| 56157 | 07283e2c | 00000029 | A | "Searches based on your browsing history |
| 56158 | 07283e64 | 00000006 | A | Second |
| 56159 | 07283e6d | 00000006 | A | Secure |
| 56160 | 07283e76 | 00000010 | A | Secure & trusted |
| 56161 | 07283e89 | 0000000e | A | Secure privacy |

Vi è una profilazione in merito agli indirizzi e le ricerche suggerite per attività precedenti:

| | | | | |
|---|---|---|---|---|
| 56314 | 07284e38 | 00000011 | A | Suggested address |
| 56315 | 07284e4c | 00000012 | A | Suggested searches |
| 56316 | 07284e61 | 00000007 | A | Support |
| 56317 | 07284e6b | 0000000e | A | Support center |
| 56318 | 07284e83 | 00000012 | A | Swipe to view more |

| | | | | |
|---|---|---|---|---|
| 56368 | 072858de | 0000005b | A | YYThe account below is similar to the email %1$s you entered and has already placed orders. |
| 56369 | 0728593a | 0000005d | A | [[The accounts below are similar to the email %1$s you entered and has already placed orders. |
| 56370 | 07285998 | 00000046 | A | DDThe accounts below have used your phone number %1$s to place orders. |

L'accesso al microfono avviene mediante la funzionalità di ricerca vocale:

| | | | | |
|---|---|---|---|---|
| 56429 | 07286957 | 0000002d | A | ++This effect requires at least %1$s photo(s) |
| 56430 | 07286985 | 00000029 | A | "This feature requires Microphone access |
| 56431 | 072869af | 00000032 | A | 00This function is under construction. Stay tuned! |

| | | | | |
|---|---|---|---|---|
| 56563 | 072881dd | 00000042 | A | @@Visit facebook.com/device and enter the code shown above. |
| 56564 | 07288220 | 00000035 | A | 33Visiting from %1$s? Would you like to shop in %2$s? |
| 56565 | 07288258 | 0000000d | A | Visual search |
| 56566 | 07288268 | 0000000c | A | Voice search |
| 56567 | 07288277 | 00000013 | A | Wait to be notified |
| 56568 | 0728828b | 0000003e | A | <<Warning if deleted, you can't initiate a return application. |
| 56569 | 072882ca | 00000039 | A | 77We are currently experiencing a high volume of visitors |

| | | | | |
|---|---|---|---|---|
| 66339 | 0736d18e | 00000045 | A | disponibile per i pagamenti mensili, effettua l'ordine direttamente. |
| 66340 | 0736d1f1 | 0000002a | A | supportata in questa versione di Android. |
| **66341** | 0736d21c | 00000031 | A | //Questa funzione richiede l'accesso al microfono |
| 66342 | 0736d26a | 00000012 | A | essere annullata. |
| 66343 | 0736d293 | 00000021 | A | disponibile sul sito web di %1$s |
| 66344 | 0736d2c7 | 00000019 | A | disponibile su Temu %1$s |
| 66345 | 0736d2f3 | 00000061 | A | disponibile su Temu %1$s. Dopo il passaggio, dovrai registrarti o effettuare di nuovo l'accesso. |

| | Offset | Size | Type | String |
|---|---|---|---|---|
| 66628 | 0736ffcf | 0000003e | A | disponibile nell'ultima versione. Si prega di aggiornare ora. |
| 66629 | 0737001d | 00000053 | A | connettersi adeguatamente alla tua rete WiFi attuale. Connetti a una rete diversa. |
| 66630 | 07370071 | 0000005b | A | YYTemu ti ringrazia per aver dedicato del tempo a condividere la tua esperienza di acquisto |
| 66631 | 073700d1 | 0000008b | A | Temu usa la fotocamera del tuo dispositivo per permetterti, tra le altre cose, di scannerizzare prodotti, scattare foto e registrare video. |
| 66632 | 073701c4 | 00000005 | A | via. |
| 66633 | 073701ca | 0000007d | A | {{Temu usa lo spazio di archiviazione del tuo dispositivo per permetterti, tra le altre cose, di caricare foto, video e file. |
| 66634 | 07370248 | 00000077 | A | uuTemu utilizza la fotocamera del tuo dispositivo in modo che tu possa fare cose come scattare foto e registrare video. |
| **66635** | 073702c0 | 0000007d | A | {{Temu utilizza la fotocamera del tuo dispositivo in modo che tu possa fare cose come scattare fotografie e registrare video. |
| 66636 | 07370340 | 0000000b | A | Termina tra |
| 66637 | 0737034e | 00000013 | A | Termini di Utilizzo |
| 66638 | 07370364 | 0000000b | A | Testo: %1$s |
| 66639 | 0737039f | 00000040 | A | disponibile inviando un messaggio SMS al %1$s e un'email a %2$s |
| 66640 | 07370411 | 00000097 | A | disponibile inviando un messaggio SMS al %1$s. Puoi associare il tuo indirizzo email per ricevere aggiornamenti via email e effettua... |
| 66641 | 07370531 | 0000000e | A | dati privati. |
| 66642 | 0737057e | 00000015 | A | di nuovo disponibile |
| 66643 | 07370594 | 0000002f | A | --Ti invieremo un codice di verifica via email. |
| 66644 | 073705d8 | 00000035 | A | email quando i seguenti articoli saranno disponibili. |
| 66645 | 0737060e | 00000027 | A | %%Ti mostreremo articoli simili su Temu |
| 66646 | 07370636 | 00000028 | A | &&Ti mostreremo articoli simili su Temu. |
| 66647 | 0737065f | 00000034 | A | 22Ti mostreremo articoli visivamente simili su Temu. |
| 66648 | 07370696 | 00000008 | A | Ti piace |
| 66649 | 0737069f | 00000044 | A | BBTi preghiamo di controllare la tua connessione di rete e riprovare |
| 66650 | 073706e4 | 00000045 | A | CCTi preghiamo di controllare la tua connessione di rete e riprovare. |
| 66651 | 0737072a | 00000039 | A | 77Ti preghiamo di controllare la tua connessione di rete. |
| 66652 | 07370764 | 0000003d | A | ;;Ti preghiamo di controllare la tua connessione e riprovare. |
| 66653 | 073707a2 | 00000027 | A | %%Ti preghiamo di inserire il tuo nome. |
| 66654 | 073707ca | 00000036 | A | 44Ti preghiamo di inserire l'indirizzo di fatturazione |

L'applicazione richiede l'autorizzazione per modificare la carta di credito utilizzabile per i pagamenti nel caso in cui il metodo di pagamento di default non sia disponibile.

| | | | | |
|---|---|---|---|---|
| 56618 | 07289014 | 00000047 | A | EEYou are not signed in to the following account, please sign in again. |
| **56619** | 07289060 | 000000bb | A | You authorize us to charge another card in your account if your default card is unable to process a payment under our Terms and ... |
| 56620 | 0728911c | 00000052 | A | PPYou can drag items from the left side directly into your cart on the right side. |
| 56621 | 0728916f | 00000057 | A | UUYou can find the 'Save to wishlist' button in the middle of the product details page. |

# Analisi codice sorgente

A seguire le definizioni degli attributi esadecimali che fanno riferimento ai permessi ottenuti da Temu. Possiamo menzionare i permessi relativi alla camera, accesso ai contatti, accesso al microfono, accesso allo storage, accesso alla posizione attuale, accesso alle impostazioni del telefono ed accesso alle impostazioni di registrazione audio e video.

```
1621        public static final int res_0x7f10060b_pay_ui_web_loading_main_title = 0x7f10060b;
1622        public static final int pay_ui_mbway_mobile_internation_code = 0x7f10060c;
1623        public static final int pay_ui_span_replacement = 0x7f10060d;
1624        public static final int res_0x7f10060e_permission_allow_access = 0x7f10060e;
1625        public static final int res_0x7f10060f_permission_camera_go_settings_content = 0x7f10060f;
1626        public static final int res_0x7f100610_permission_camera_go_settings_title = 0x7f100610;
1627        public static final int res_0x7f100611_permission_camera_toast = 0x7f100611;
1628        public static final int res_0x7f100612_permission_camera_toast_reject = 0x7f100612;
1629        public static final int res_0x7f100613_permission_can_not_go_settings = 0x7f100613;
1630        public static final int res_0x7f100614_permission_contacts_go_settings = 0x7f100614;
1631        public static final int res_0x7f100615_permission_contacts_toast = 0x7f100615;
1632        public static final int res_0x7f100616_permission_default_go_settings = 0x7f100616;
1633        public static final int res_0x7f100617_permission_default_toast = 0x7f100617;
1634        public static final int res_0x7f100618_permission_disclosure_camera_desc = 0x7f100618;
1635        public static final int res_0x7f100619_permission_disclosure_camera_microphone_desc = 0x7f100619
1636        public static final int res_0x7f10061a_permission_disclosure_camera_microphone_tile = 0x7f10061a
1637        public static final int res_0x7f10061b_permission_disclosure_camera_tile = 0x7f10061b;
1638        public static final int res_0x7f10061c_permission_disclosure_microphone_desc = 0x7f10061c;
1639        public static final int res_0x7f10061d_permission_disclosure_microphone_tile = 0x7f10061d;
1640        public static final int res_0x7f10061e_permission_disclosure_storage_desc = 0x7f10061e;
1641        public static final int res_0x7f10061f_permission_disclosure_storage_tile = 0x7f10061f;
1642        public static final int res_0x7f100620_permission_location_go_settings = 0x7f100620;
1643        public static final int res_0x7f100621_permission_location_go_settings_content = 0x7f100621;
1644        public static final int res_0x7f100622_permission_location_go_settings_title = 0x7f100622;
1645        public static final int res_0x7f100623_permission_location_toast = 0x7f100623;
1646        public static final int res_0x7f100624_permission_location_toast_reject = 0x7f100624;
1647        public static final int res_0x7f100625_permission_not_now = 0x7f100625;
1648        public static final int res_0x7f100626_permission_open_settings = 0x7f100626;
1649        public static final int res_0x7f100627_permission_record_go_settings = 0x7f100627;
1650        public static final int res_0x7f100628_permission_record_go_settings_content = 0x7f100628;
1651        public static final int res_0x7f100629_permission_record_go_settings_low_ver = 0x7f100629;
1652        public static final int res_0x7f10062a_permission_record_go_settings_title = 0x7f10062a;
1653        public static final int res_0x7f10062b_permission_record_toast = 0x7f10062b;
1654        public static final int res_0x7f10062c_permission_storage_go_settings_content = 0x7f10062c;
1655        public static final int res_0x7f10062d_permission_storage_go_settings_title = 0x7f10062d;
1656        public static final int res_0x7f10062e_permission_storage_toast = 0x7f10062e;
1657        public static final int res_0x7f10062f_personal_added_successfully = 0x7f10062f;
```

All'interno del package ***a00*** possiamo notare la definizione di un token identificativo dell'installazione dell'applicazione ed individuazione del network operator.

```
package a00;

import android.os.Build;
import android.os.Process;
import android.text.TextUtils;
import androidx.annotation.NonNull;
import com.baogong.foundation_utils.C7593a;
import com.einnovation.whaleco.lego.p149m2.impl.p154v8.event.Extras;
import com.einnovation.whaleco.web.monitor.base.TimeScriptConfig;
import e00.C15347a;
import f21.C16041d;
import id1.C18130a;
import java.util.Map;
import mc.C21692a;
import n21.C22156f;
import p223el.C15791a;
import p588rb.C26194b;
import p655ub.C27619k;
import rz0.C26477h;
import xmg.mobilebase.arch.foundation.DeviceTools;
import xmg.mobilebase.putils.C31106n0;
import xmg.mobilebase.threadpool.C31270z0;
```

```
@Override // a00.InterfaceC0006b
/* renamed from: b */
public void mo61663b(@NonNull String str, int i, @NonNull Map<String, Object> map) {
    C26477h.m17973E(map, "network", C22156f.m27845l() + Extras.ALLOWED_CHARS);
    C26477h.m17973E(map, "network_operator", C26194b.m18681b(C18130a.m38483a().getBaseContext(), getClass
    C26477h.m17973E(map, "app_version", C27619k.m15097b());
    String m43980a = C15791a.m43980a();
    if (!TextUtils.isEmpty(m43980a)) {
        C26477h.m17973E(map, "bg_id", m43980a);
    }
    C26477h.m17973E(map, "internal_version", String.valueOf(C21692a.f57164j));
    C26477h.m17973E(map, "install_token", C7593a.m69545g(C18130a.m38483a().getBaseContext()));
    C26477h.m17973E(map, "pid", String.valueOf(Process.myPid()));
    C26477h.m17973E(map, "manufacture", Build.MANUFACTURER);
    C26477h.m17973E(map, "model", Build.MODEL);
    C26477h.m17973E(map, "brand", Build.BRAND);
    if (TextUtils.isEmpty(C15347a.m45244a(C26477h.m17951j(map, TimeScriptConfig.TIME)))) {
        C26477h.m17973E(map, TimeScriptConfig.TIME, String.valueOf(C16041d.m43379c()));
    }
    if (TextUtils.isEmpty(C15347a.m45244a(C26477h.m17951j(map, "platform")))) {
        C26477h.m17973E(map, "platform", DeviceTools.PLATFORM);
    }
    if (TextUtils.isEmpty(C15347a.m45244a(C26477h.m17951j(map, "log_id")))) {
        C26477h.m17973E(map, "log_id", C31106n0.m5678a());
    }
    this.f4a.mo61663b(str, i, map);
}
```

A seguire una serie di costrutti *try-catch*, ognuno individualizzante di diversi eventi contestuali alla fase di pagamento:

```
            } catch (NoSuchFieldError unused) {
            }
            try {
28              f49a[PaymentEventType.SHOW_PAYPAL_ACCOUNT_DIALOG.ordinal()] = 2;
            } catch (NoSuchFieldError unused2) {
            }
            try {
39              f49a[PaymentEventType.SHOW_PAYPAL_SIGN_RETAIN_DIALOG.ordinal()] = 3;
            } catch (NoSuchFieldError unused3) {
            }
            try {
50              f49a[PaymentEventType.ON_BILLING_ADDRESS_CLICK.ordinal()] = 4;
            } catch (NoSuchFieldError unused4) {
            }
            try {
61              f49a[PaymentEventType.ON_SWITCH_PAYPAL_SIGN.ordinal()] = 5;
            } catch (NoSuchFieldError unused5) {
            }
            try {
72              f49a[PaymentEventType.ON_FOLD_CLICK.ordinal()] = 6;
            } catch (NoSuchFieldError unused6) {
            }
            try {
83              f49a[PaymentEventType.ON_CHOOSE_CARD.ordinal()] = 7;
            } catch (NoSuchFieldError unused7) {
            }
            try {
95              f49a[PaymentEventType.ON_CHOOSE_PAY.ordinal()] = 8;
            } catch (NoSuchFieldError unused8) {
            }
            try {
107             f49a[PaymentEventType.ON_SWITCH_PAYMENT_SIGN.ordinal()] = 9;
            } catch (NoSuchFieldError unused9) {
            }
            try {
119             f49a[PaymentEventType.SHOW_PAYMENT_ACCOUNT_DIALOG.ordinal()] = 10;
```

Il metodo *toString* è di tipo String e provvede a creare un oggetto *StringBuffer*, il quale contiene diversi dettagli degli attributi di headers, connessioni e body:

```
    @NonNull
    public String toString() {
        StringBuffer stringBuffer = new StringBuffer("FastWebDetailModel{");
        stringBuffer.append("call_start_ts=");
        stringBuffer.append(this.f84a);
        stringBuffer.append(", dns_end_ts=");
        stringBuffer.append(this.f85b);
        stringBuffer.append(", dns_start_ts=");
        stringBuffer.append(this.f86c);
        stringBuffer.append(", request_body_end_ts=");
        stringBuffer.append(this.f87d);
        stringBuffer.append(", request_body_start_ts=");
        stringBuffer.append(this.f88e);
        stringBuffer.append(", request_headers_end_ts=");
        stringBuffer.append(this.f89f);
        stringBuffer.append(", request_headers_start_ts=");
        stringBuffer.append(this.f90g);
        stringBuffer.append(", response_body_end_ts=");
        stringBuffer.append(this.f91h);
        stringBuffer.append(", response_body_start_ts=");
        stringBuffer.append(this.f92i);
        stringBuffer.append(", response_headers_end_ts=");
        stringBuffer.append(this.f93j);
        stringBuffer.append(", response_headers_start_ts=");
        stringBuffer.append(this.f94k);
        stringBuffer.append(", secure_connect_end_ts=");
        stringBuffer.append(this.f95l);
        stringBuffer.append(", secure_connect_start_ts=");
        stringBuffer.append(this.f96m);
        stringBuffer.append(", connect_end_Ts=");
        stringBuffer.append(this.f97n);
        stringBuffer.append(", connect_start_ts=");
        stringBuffer.append(this.f98o);
        stringBuffer.append(", connect fail ts=");
```

Qui alcuni attributi facenti riferimento a condizioni booleane, ad esempio il controllo della presenza di callback requests:

```
205             stringBuffer.append(this.f103t);
210             stringBuffer.append(", process_alive=");
215             stringBuffer.append(this.f104u);
220             stringBuffer.append(", pquic_errorcode=");
225             stringBuffer.append(this.f105v);
230             stringBuffer.append(", pass_through_fileds=");
235             stringBuffer.append(this.f106w);
240             stringBuffer.append(", pass_through_values=");
245             stringBuffer.append(this.f107x);
250             stringBuffer.append(", code=");
255             stringBuffer.append(this.f108y);
260             stringBuffer.append(", error_msg='");
265             stringBuffer.append(this.f109z);
270             stringBuffer.append('\'');
275             stringBuffer.append(", has_dns_process=");
280             stringBuffer.append(this.f76A);
285             stringBuffer.append(", scheme='");
290             stringBuffer.append(this.f77B);
293             stringBuffer.append('\'');
298             stringBuffer.append(", host='");
303             stringBuffer.append(this.f78C);
306             stringBuffer.append('\'');
311             stringBuffer.append(", path='");
316             stringBuffer.append(this.f79D);
319             stringBuffer.append('\'');
324             stringBuffer.append(", is_valid_report=");
329             stringBuffer.append(this.f80E);
334             stringBuffer.append(", is_backup_retry_request=");
339             stringBuffer.append(this.f81F);
344             stringBuffer.append(", has_callback_this_request=");
349             stringBuffer.append(this.f82G);
354             stringBuffer.append(", backup_retry_start_ts=");
359             stringBuffer.append(this.f83H);
364             stringBuffer.append('}');
367             return stringBuffer.toString();
        }
    }
```

Qui la fase di costruzione della struttura dei parametri componenti l'oggetto *billingAddressModel* per la fase di pagamento e checkout con carta di credito.

```
    /* renamed from: d */
    public final /* synthetic */ void m91234d(AddressSnapshotInfo addressSnapshotInfo, PaymentChannelVo.Ca
        String str;
        C32650a.m656b(view, "com.einnovation.temu.order.confirm.impl.vh.BillingAddressHolder");
        if (C28690d.m12232b(view, C28694h.m12175a())) {
            return;
        }
        C1838a.m88534b().mo8204b(this.f145a).mo8198f(201281).mo8199e().mo8202b();
        if (!TextUtils.isEmpty(addressSnapshotInfo.addressSnapshotId)) {
            str = addressSnapshotInfo.addressSnapshotId;
        } else {
            str = addressSnapshotInfo.billingSnapshotId;
        }
        BillingAddressModel billingAddressModel = new BillingAddressModel();
        billingAddressModel.title = C26648c.m17550b(R.string.res_0x7f100414_order_confirm_payment_edit_bil
        billingAddressModel.addressSnapshotId = str;
        billingAddressModel.accountIndex = cardContent.accountIndex;
        billingAddressModel.cardNo = cardContent.maskedCardNo;
        billingAddressModel.cardIcon = cardContent.cardIconUrl;
        billingAddressModel.expireMonth = cardContent.expireMonth;
        billingAddressModel.expireYear = cardContent.expireYear;
        billingAddressModel.payStyle = 1;
        billingAddressModel.syncCardInfo = true;
        if (consumer != null) {
            consumer.accept(billingAddressModel);
        }
    }
```

Vi sono listeners per gli eventi di chiusura di istanze *View*:

```
    /* renamed from: j */
    public void m91196j(@NonNull View view) {
        OCSubmitTipView oCSubmitTipView = (OCSubmitTipView) view.findViewById(R.id.v_submit_tip);
        this.f191a = oCSubmitTipView;
        this.f192b = 0;
        if (oCSubmitTipView != null) {
            oCSubmitTipView.setVisible(false);
            this.f191a.setOnCloseListener(new InterfaceC25494a() { // from class: a40.h
                @Override // q60.InterfaceC25494a
                public final void accept(Object obj) {
                    C0089m.this.m91194l((Void) obj);
                }
            });
        }
        OCSubmitTipView oCSubmitTipView2 = this.f191a;
        if (oCSubmitTipView2 != null) {
            oCSubmitTipView2.setCountDownFinishListener(new InterfaceC25494a() { // from class: a40.i
                @Override // q60.InterfaceC25494a
                public final void accept(Object obj) {
                    C0089m.this.m91193m((Void) obj);
                }
            });
        }
        OCSubmitTipView oCSubmitTipView3 = this.f191a;
        if (oCSubmitTipView3 != null) {
            oCSubmitTipView3.setOnDestroyListener(new InterfaceC25494a() { // from class: a40.j
                @Override // q60.InterfaceC25494a
                public final void accept(Object obj) {
                    C0089m.this.m91192n((Void) obj);
                }
            });
        }
    }
```

Qui il metodo di conversione in stringa di oggetti *CMDataEntity*, contenente diversi parametri, tra cui text e timestamp di salvataggio:

```
62      @NonNull
63      public String toString() {
64          return "CMDataEntity{label='" + this.f204a + "', text='" + this.f205b + "', saveTimestamp=" + this.
65      }
66
67      public C0092a(String str, String str2, long j, long j2, boolean z) {
68          this.f204a = str;
69          this.f205b = str2;
70          this.f206c = j;
71          this.f207d = j2;
72          this.f208e = z;
73      }
74  }
```

```
62
63
64  "', saveTimestamp=" + this.f206c + ", queryTimestamp=" + this.f207d + ", coerceToText=" + this.f208e + '}';
65
66
67
68
```

Di seguito un riferimento al contenuto della clipboard richiamato in fase di esecuzione del metodo *C262781.m18517e:*

```
1       public C0097f() {
            this.f223d = null;
3           this.f220a = new C14927a();
4           this.f221b = C262781.m18517e(TeStoreModule.Tool, "clipboard").m18516f(1).m18521a();
5           this.f222c = Pattern.compile("^([268]):/.+$");
        }
    }
```

La classe *C0106a* contiene numerosi riferimenti alle carte di credito registrate e viene effettuata un'enumerazione delle stesse; infatti nel caso in cui l'oggetto *card_content_list* sia diverso da null viene richiamato il metodo *card_contente_list.m47839d* e viene salvato il risultato della chiamata a funzione all'interno della variabile *C14414h:*

```
import w50.C28848c;
import xb1.C29502b;
import xmg.mobilebase.putils.C31106n0;

/* compiled from: Temu */
@Metadata(m34336d1 = {"\u0000\"\n\u0002\u0018\u0002\n\u0002\u0018\u0002\n\u0000\n\u0002\u0010\u000b\n\u000
@SourceDebugExtension({"SMAP\nBizEx.kt\nKotlin\n*S Kotlin\n*F\n+ 1 BizEx.kt\ncom/einnovation/temu/pay/biz/
/* renamed from: a50.a */
/* loaded from: classes3.dex */
public final class C0106a {
    /* renamed from: a */
    public static final boolean m91159a(C28848c c28848c, AdditionPaymentChannel additionPaymentChannel, On
        C14414h c14414h;
        String str;
        String str2;
        String str3;
        String str4;
        AbstractC14464k m47831A;
        AbstractC14464k m47831A2;
        AbstractC14464k m47831A3;
        AbstractC14464k m47831A4;
1       AbstractC14464k card_content_list = additionPaymentChannel.getCard_content_list();
6       if (card_content_list != null) {
8           c14414h = card_content_list.m47839d();
        } else {
13          c14414h = null;
        }
15      if (c14414h == null) {
14          return true;
        }
18      int size = c14414h.size();
24      for (int i = 0; i < size; i++) {
26          AbstractC14464k m47918A = c14414h.m47918A(i);
34          if (m47918A.m47834t()) {
40              C26476g.m17979c(m47918A, "element");
```

```
    /* renamed from: c */
    public static final boolean m91157c(C28848c c28848c, AdditionPaymentChannel additionPaymentChannel, On
        C14466m m91153d;
        AbstractC14464k m47831A;
13      oneClickDialogItem.setPaymentIcon(C31106n0.m5669j(additionPaymentChannel.getIcon_url(), oneClickDi
16      if (z) {
18          m91159a(c28848c, additionPaymentChannel, oneClickDialogItem);
126         return false;
        }
22      Long app_id = additionPaymentChannel.getApp_id();
27      if (app_id != null && C26480k.m17916f(app_id) == 101) {
44          if (m91159a(c28848c, additionPaymentChannel, oneClickDialogItem)) {
26              return true;
            }
126         return false;
47      } else if (app_id != null && C26480k.m17916f(app_id) == 3) {
60          if (z2 || m91159a(c28848c, additionPaymentChannel, oneClickDialogItem)) {
26              return true;
            }
126         return false;
        } else {
82          oneClickDialogItem.setPaymentIcon(C31106n0.m5669j(additionPaymentChannel.getIcon_url(), oneCli
85          AbstractC14464k pay_content = additionPaymentChannel.getPay_content();
89          String str = null;
90          if (pay_content != null && (m91153d = C0107b.m91153d(pay_content, null, 1, null)) != null && (
108             C26476g.m17979c(m47831A, "get(\"content\")");
111             str = C0107b.m91151f(m47831A, null, 1, null);
            }
123         oneClickDialogItem.setPaymentMode(C31106n0.m5669j(str, oneClickDialogItem.getPaymentMode()));
126         return false;
        }
    }
}
```

Nel momento in cui vengono richiamate applicazioni di pagamento esterne, sono utilizzati oggetti di tipo *PayAppDelegate* salvando le URLs target all'interno dell'oggetto *c9886a.f30781b* nel caso in cui il valore dell'indice *i* sia 2.

```
    @NonNull
    /* renamed from: h */
    public final String m91112h(@NonNull PayState payState, @Nullable PayAppDelegate payAppDelegate, @NonN
        String str;
        C9886a c9886a;
1       JSONObject m91117c = m91117c(payState, payAppDelegate);
5       if (m91117c != null) {
9           str = m91117c.optString(targetUrlType.configKey);
        } else {
14          str = null;
        }
19      if (TextUtils.isEmpty(str)) {
23          if (payAppDelegate != null && (c9886a = payAppDelegate.appWebDefaultConfig) != null) {
35              int i = C0126a.f260a[payState.ordinal()];
37              if (i != 1) {
39                  if (i == 2) {
42                      targetUrlEnum = c9886a.f30781b;
                    }
                } else {
45                  targetUrlEnum = c9886a.f30780a;
                }
            }
53          int i2 = C0126a.f261b[targetUrlType.ordinal()];
55          if (i2 != 1) {
57              if (i2 != 2) {
60                  if (i2 == 3) {
63                      str = targetUrlEnum.getAppLink();
                    }
                } else {
68                  str = targetUrlEnum.getCustomTabsCallback();
                }
            } else {
```

```
        /* renamed from: a */
        public static final /* synthetic */ int[] f260a;

        /* renamed from: b */
        public static final /* synthetic */ int[] f261b;

        static {
            int[] iArr = new int[TargetUrlType.values().length];
            f261b = iArr;
            try {
                iArr[TargetUrlType.WEBVIEW_3RD.ordinal()] = 1;
            } catch (NoSuchFieldError unused) {
            }
            try {
                f261b[TargetUrlType.CUSTOM_TABS.ordinal()] = 2;
            } catch (NoSuchFieldError unused2) {
            }
            try {
                f261b[TargetUrlType.APP.ordinal()] = 3;
            } catch (NoSuchFieldError unused3) {
            }
            int[] iArr2 = new int[PayState.values().length];
            f260a = iArr2;
            try {
                iArr2[PayState.PRE_AUTH.ordinal()] = 1;
            } catch (NoSuchFieldError unused4) {
            }
            try {
                f260a[PayState.REDIRECT.ordinal()] = 2;
            } catch (NoSuchFieldError unused5) {
            }
        }
    }
```

Temu utilizza il metodo di pagamento sicuro 3DS come è possibile notare dal metodo *m91108d* che permette di effettuare una configurazione per i pagamenti.

```
    @NonNull
    /* renamed from: d */
    public static String m91108d() {
        String str;
        if (f263b == null) {
            f263b = Boolean.valueOf(C25483a.m20128j("ab_pay_final_native_3ds_return_url_16600", true));
        }
        if (C26480k.m17921a(f263b)) {
            str = C25033d.m21339b("Payment.native_3ds_return_url", "temu://com.einnovation.temu/pay_3ds.html");
        } else {
            str = null;
        }
        if (str == null) {
            return "temu://" + C15039a.m46162a().getPackageName() + "/pay_3ds.html";
        }
        return str;
    }

    /* renamed from: e */
    public static /* synthetic */ void m91107e(String str, String str2, String str3) {
        if (C26477h.m17958c("Payment.extra_target_url_config", str)) {
            f264c = null;
        }
    }
```

Temu salva il *client_key* del dispositivo sul quale è installata e l' Android SDK del telefono:

```
    public C0152b(@NonNull RedirectAction redirectAction) {
        this.f319a = redirectAction;
    }

    @Override // y80.InterfaceC31844e
    @NonNull
    /* renamed from: a */
    public String mo3152a(@NonNull C32485d c32485d, @Nullable AbstractC14464k abstractC14464k) {
        C14466m c14466m = new C14466m();
        RedirectAction.C9874a c9874a = this.f319a.f30756f;
        if (c9874a != null) {
            c14466m.m47821y("client_key", c9874a.f30757a);
            c14466m.m47821y("sdk_environment", c9874a.f30758b);
            c14466m.m47821y("threeds_jump_mode", c9874a.f30761e);
        }
        return C31116v.m5630o(c14466m);
    }

    @Override // a90.InterfaceC0158h
    @Nullable
    /* renamed from: b */
    public String mo91048b(@Nullable AbstractC14464k abstractC14464k) {
        C14466m c14466m = new C14466m();
        RedirectAction.C9874a c9874a = this.f319a.f30756f;
        if (c9874a != null) {
            c14466m.m47821y("client_key", c9874a.f30757a);
            c14466m.m47821y("sdk_environment", c9874a.f30758b);
            c14466m.m47821y("threeds_jump_mode", c9874a.f30761e);
        }
        return C31116v.m5630o(c14466m);
    }
}
```

Viene supportato anche il metodo di pagamento Iris:

```
    /* renamed from: C */
    public synchronized boolean m91045C(@NonNull C30809a c30809a) {
        C30809a c30809a2;
        File m7062p;
        C30809a c30809a3;
        File m7062p2;
25      C15564c.m44513i("Iris.DownloadDispatcher", "is file conflict after run: " + c30809a.mo7042c());
28      File m7062p3 = c30809a.m7062p();
33      if (m7062p3 == null) {
32          return false;
        }
39      Iterator m17938w = C26477h.m17938w(this.f337q);
48      while (m17938w.hasNext()) {
54          C18035e c18035e = (C18035e) m17938w.next();
60          if (!c18035e.m38760q() && (c30809a3 = c18035e.f50341n) != c30809a && (m7062p2 = c30809a3.m706
47              return true;
            }
        }
85      Iterator m17938w2 = C26477h.m17938w(this.f336p);
93      while (m17938w2.hasNext()) {
99          C18035e c18035e2 = (C18035e) m17938w2.next();
105         if (!c18035e2.m38760q() && (c30809a2 = c18035e2.f50341n) != c30809a && (m7062p = c30809a2.m70
47              return true;
            }
        }
32      return false;
    }

    /* renamed from: D */
    public boolean m91044D() {
3       return this.f342v.get();
    }
```

Di seguito i dettagli del pacchetto HTTP inviato contenente le informazioni ed i dettagli del dispositivo in questione, come ad esempio l'IP, DNS, localhost:

```
46
47      public String toString() {
48          return "HttpDnsPack{domain='" + this.f46499a + "', device_ip='" + this.f46500b + "', device_sp='" +
49      }
50  }
```

```
48  ='" + this.f46501c + "', dns=" + this.f46502d + ", localhostSp='" + this.f46503e + "', rawResult='" + this.f4
49
```

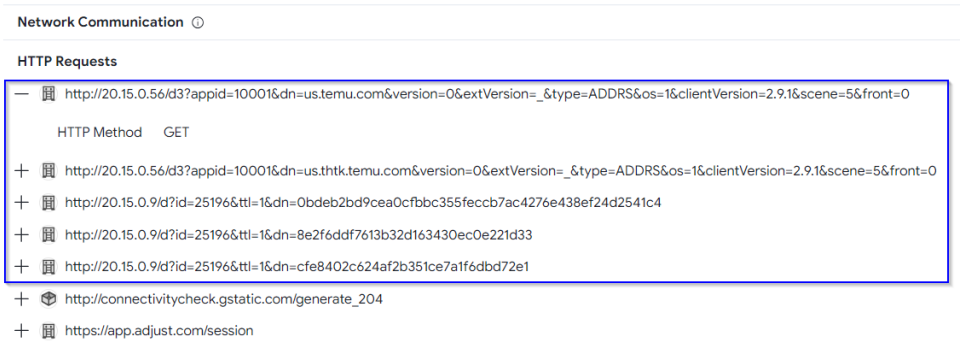
```
rawResult='" + this.f46504f + "'}";
```

Il metodo *com.baogong.bottom_rec.fragment.utils.c.a* prende come argomento in input un oggetto *hashMap* e tramite oggetti *UriBuilder* effettua chiamate API per le carte di credito **Poppy**.

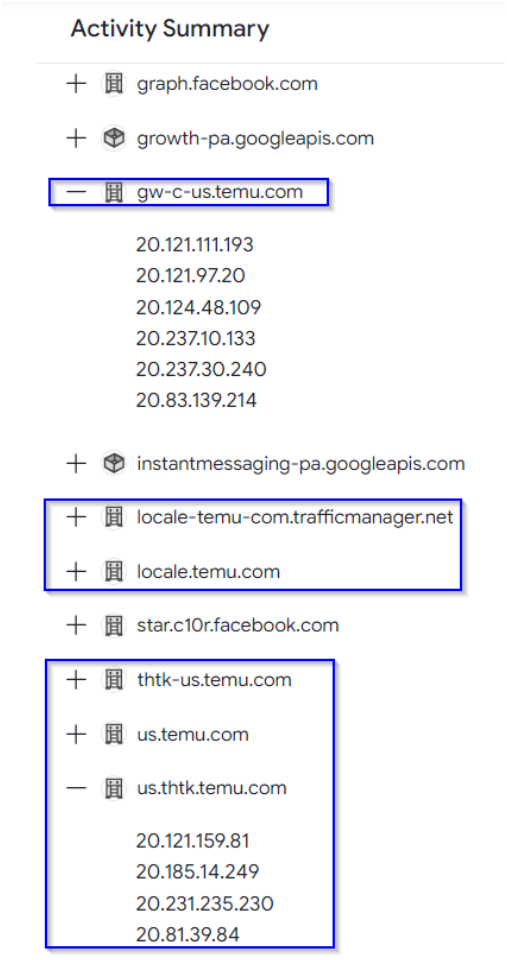
```
com.baogong.bottom_rec.fragment.utils.c.a(hashMap);
JSONObject jSONObject = new JSONObject(hashMap);
String str4 = this.f459d.f68917t;
if (TextUtils.isEmpty(str4)) {
    Uri.Builder buildUpon = m.d("/api/poppy/v1/shopping_cart").buildUpon();
    String e12 = e(hashMap, "scene");
    if (!TextUtils.isEmpty(e12)) {
        buildUpon.appendQueryParameter("scene", e12);
    }
    String e13 = e(hashMap, "optId");
    if (!TextUtils.isEmpty(e13)) {
        buildUpon.appendQueryParameter("opt_id", e13);
    }
    str3 = DomainUtils.a(id1.a.a()) + buildUpon.toString();
} else {
    Uri.Builder buildUpon2 = m.d(str4).buildUpon();
    String e14 = e(hashMap, "scene");
    if (!TextUtils.isEmpty(e14)) {
        buildUpon2.appendQueryParameter("scene", e14);
    }
    String e15 = e(hashMap, "optId");
    if (!TextUtils.isEmpty(e15)) {
        buildUpon2.appendQueryParameter("opt_id", e15);
    }
    str3 = DomainUtils.a(id1.a.a()) + buildUpon2.toString();
}
```

```
38        y41.b.j("android_ui.ChildPresenter", "refreshRec start");
42        this.f456a = true;
46        HashMap hashMap = new HashMap();
52        h.D(hashMap, "list_id", str2);
67        if (this.f459d.f68904g.containsKey("support_page_size_preload") && iy.c.f()) {
90            str3 = Extras.ALLOWED_CHARS + g();
          } else {
95            str3 = "20";
          }
99        h.D(hashMap, "pageSize", str3);
106       h.D(hashMap, "offset", "0");
119       if (this.f459d.f68904g.containsKey("req_under_line")) {
123           h.D(hashMap, "page_size", str3);
          }
126       if (map != null) {
128           hashMap.putAll(map);
          }
131       com.baogong.bottom_rec.fragment.utils.c.a(hashMap);
136       JSONObject jSONObject = new JSONObject(hashMap);
143       if (!TextUtils.isEmpty(str)) {
145           str4 = str;
          } else {
149           str4 = this.f459d.f68917t;
          }
161       if (TextUtils.isEmpty(str4)) {
169           Uri.Builder buildUpon = m.d("/api/poppy/v1/shopping_cart").buildUpon();
173           String e13 = e(hashMap, "scene");
181           if (!TextUtils.isEmpty(e13)) {
183               buildUpon.appendQueryParameter("scene", e13);
              }
186           e12 = e(hashMap, "optId");
194           if (!TextUtils.isEmpty(e12)) {
196               buildUpon.appendQueryParameter("opt_id", e12);
              }
```

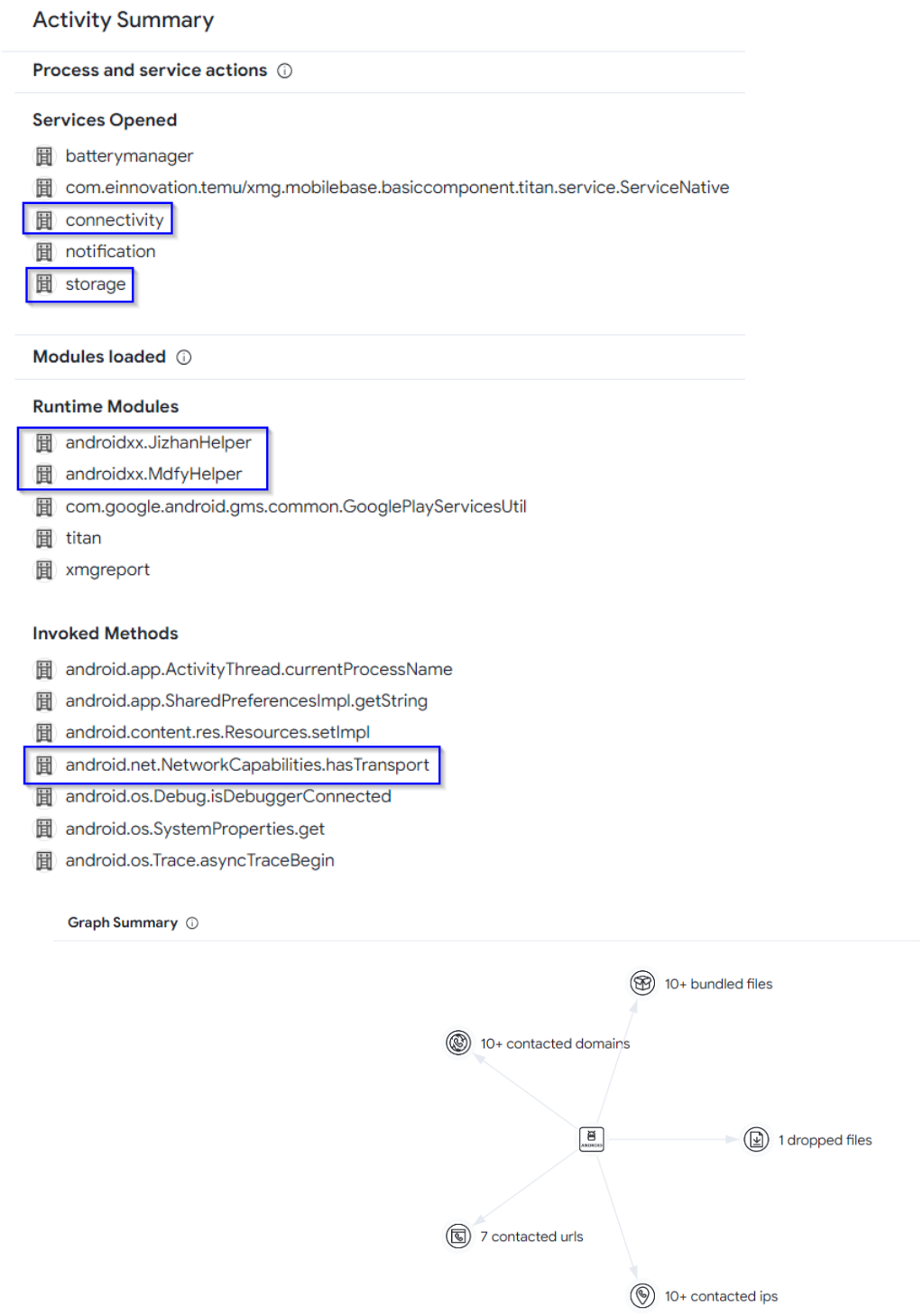
A seguire possiamo notare la detonation dell'applicazione in questione ove possiamo notare richieste HTTP comprendenti attributi individualizzanti, quali ad esempio l'ID, l'app ID, il domain package name.



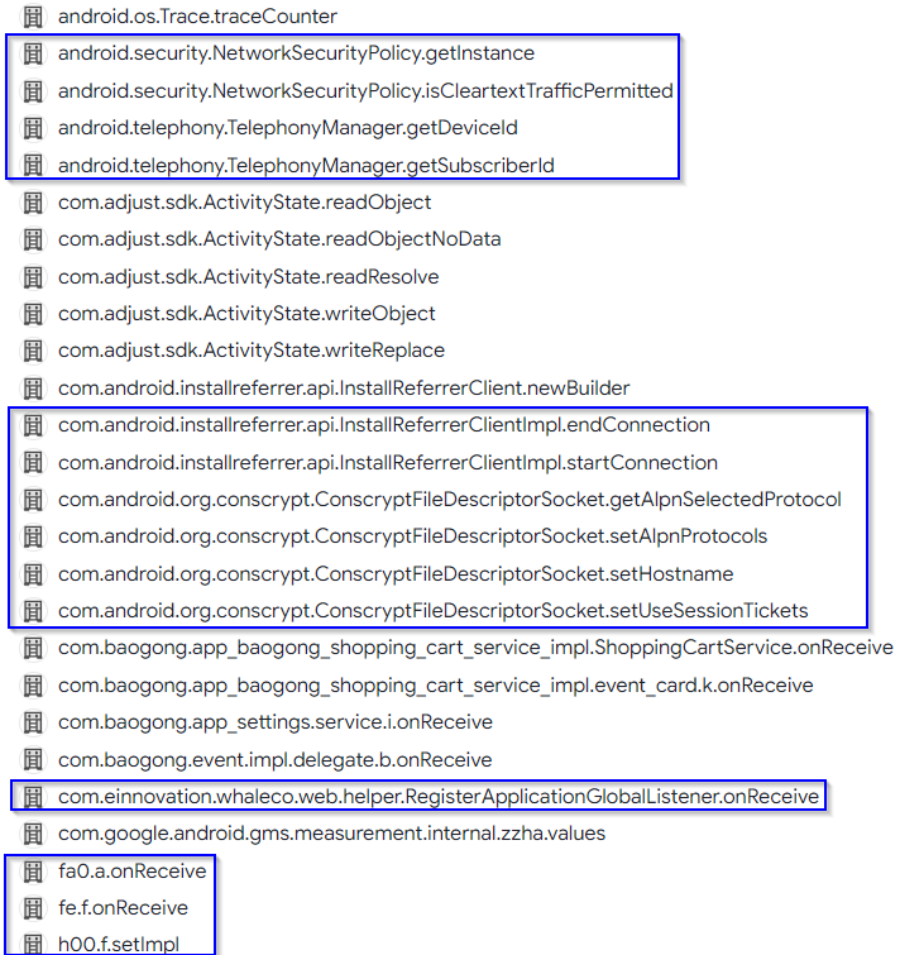

Qui diversi domini di Temu contattati in fase di esecuzione:



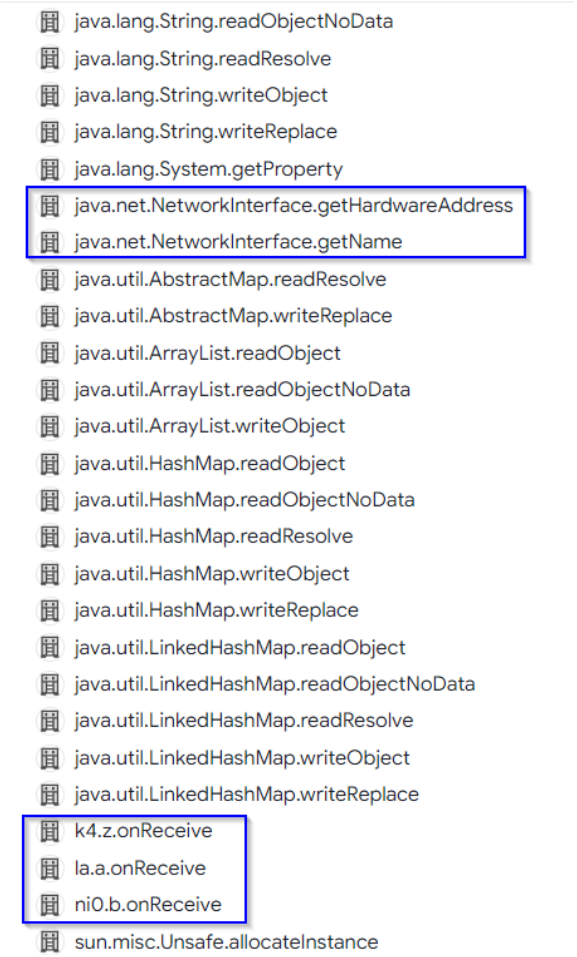
Tra i servizi eseguiti possiamo notare connettività e storage. Essa fa uso dei moduli *androidxx.JizhanHelper* e *androidxx.MdfyHelper*. Tra i metodi richiamati vi è evidenza dell'ottenimento della tipologia di connessioni in vigore a bordo del dispositivo mediante la funzione booleana *android.net.NetworkCapabilities.hasTransport:*



Temu ottiene i dettagli delle network security policies, il device ID del dispositivo, imposta gli attributi degli oggetti sockets utilizzati in fase di esecuzione e vi sono events handlers della libreria *whaleco*.



Viene ottenuto il MAC Address dell'interfaccia di rete utilizzata mediante il metodo *java.net.NetworkInterface.getHardwareAddress:*




Il package *t21* contiene il metodo di tipo String *f*, il quale ritorna diversi attributi di configurazione del DNS e vengono gestite le richieste HTTP verso gli indirizzi IP **20.15.0[.]56** e **20.15.0[.]9:**

```
package t21;

import android.app.XmgActivityThread;
import android.text.TextUtils;
import android.util.Pair;
import androidx.annotation.NonNull;
import androidx.annotation.Nullable;
import com.einnovation.whaleco.lego.m2.impl.v8.event.Extras;
import java.util.ArrayList;
import java.util.List;
import n21.f;
import xmg.mobilebase.basiccomponent.titan.Titan;
import xmg.mobilebase.basiccomponent.titan.jni.DataStructure.StHostResolveResult;
import xmg.mobilebase.basiccomponent.titan.nova.NovaWrapper;
import xmg.mobilebase.nova.dns.HttpDns;
import xmg.mobilebase.nova.dns.g;

/* compiled from: Temu */
/* loaded from: classes5.dex */
public class a implements g {
    @Override // xmg.mobilebase.nova.dns.g
    public String a() {
        String a12 = el.a.a();
        if (a12 == null) {
            return Extras.ALLOWED_CHARS;
        }
        return a12;
    }

    @Override // xmg.mobilebase.nova.dns.g
    public boolean b(@NonNull String str) {
        return ha1.a.v().b(str);
    }
```

Il metodo *h* ritorna un oggetto di tipo *ArrayList* di stringhe contenente l'indirizzo IP 20.15.0[.]9:

```
    public void e(@NonNull String str, boolean z12) {
        xa1.a.d().h(str, z12);
    }

    @Override // xmg.mobilebase.nova.dns.g
    public String f() {
        return "{\n \"preReadyDnsConfigItems\":{\n    \"locale.temu.com\":{\n      \"vaildTimeFromProcAlive\
    }

    @Override // xmg.mobilebase.nova.dns.g
    public int g(String str, String str2) {
        if (TextUtils.isEmpty(str) || TextUtils.isEmpty(str2) || !str.endsWith(".matk.temu.com") || !TextU
            return 0;
        }
        return 2;
    }

    @Override // xmg.mobilebase.nova.dns.g
    public long getProcessAliveDuration() {
        return mc.c.a();
    }

    @Override // xmg.mobilebase.nova.dns.g
    @NonNull
    public List<String> h() {
        ArrayList arrayList = new ArrayList();
        arrayList.add("20.15.0.9");
        return arrayList;
    }

    @Override // xmg.mobilebase.nova.dns.g
    public boolean i() {
        return f.o(XmgActivityThread.currentApplication());
    }
```

Anche l'indirizzo IP 20.15.0[.]8 viene inserito all'interno dei parametri *ips* dell'ArrayList:

```
1 ocale.temu.com\":{\n     \"vaildTimeFromProcAlive\":5000,\n     \"ips\":[\"20.15.0.8\"]\n    }\n  }\n\n}";


6 str2) || !str.endsWith(".matk.temu.com") || !TextUtils.equals(str2, "/ut")) {
5
```

Il metodo statico pubblico *d* è di tipo *StNovaSetupConfig*. Esso permette di impostare gli attributi di configurazione in merito all'indirizzo IP 20.15.0[.]56 all'interno di un array di tipo *String* mentre la URI è *"/d3"* e gli headers vengono inseriti in un oggetto di tipo *HashMap*.

```
        } catch (Throwable th2) {
64          y41.b.g("Titan.NovaConfigProvider", "getNovaCacheDir:%s", h.o(th2));
67          return Extras.ALLOWED_CHARS;
        }
    }

    public static StNovaSetupConfig d() {
 7      new ArrayList();
12      StGslbConfig stGslbConfig = new StGslbConfig();
19      String b12 = v41.a.b("titan.gslb_config_00001", Extras.ALLOWED_CHARS);
        try {
29          y41.b.l("Titan.NovaConfigProvider", "gslbConfigStr:%s", b12);
36          if (!TextUtils.isEmpty(b12)) {
48              stGslbConfig = (StGslbConfig) v.e(b12, StGslbConfig.class, "xmg.mobilebase.basiccomponent.
            }
        } catch (Throwable th2) {
61          y41.b.g("Titan.NovaConfigProvider", "gslbConfigStr:%s", h.o(th2));
        }
64      if (stGslbConfig == null) {
68          stGslbConfig = new StGslbConfig();
73          stGslbConfig.scheme = "http";
81          stGslbConfig.hosts = new String[]{"20.15.0.56"};
88          stGslbConfig.headers = new HashMap<>();
92          stGslbConfig.uri = "/d3";
103         stGslbConfig.ttlInfo = new StNovaTTLInfo(60, 600, 600);
105         stGslbConfig.hostBanType = 0;
119         stGslbConfig.ipBannerConfig = new StBannerConfig(360, M2FunctionNumber.Op_CANVASSHADOWSTYLES_S
131         stGslbConfig.portBannerConfig = new StBannerConfig(3600, 7200, 6, 10);
140         stGslbConfig.hostBannerConfig = new StBannerConfig(600, 900, 10, 0);
        }
142     StGslbConfig stGslbConfig2 = stGslbConfig;
197     StNovaSetupConfig stNovaSetupConfig = new StNovaSetupConfig(stGslbConfig2, false, c(), ProcessName
206     y41.b.l("Titan.NovaConfigProvider", "getNovaConfig:%s", stNovaSetupConfig);
288     return stNovaSetupConfig;
    }
}
```

```
142
197 c(), ProcessNameUtil.currentProcessName(), 10001, Extras.ALLOWED_CHARS, 1, mc.a.f52723d, el.a.a(), q41.a.j
206
288
```

```
142
197 q41.a.j("ab_anycast_ip_use_new_shuffer_baogong", false), q41.a.j("ab_use_gslb_back_up_host_baogong", false
206
288
```

```
142
197 , false), null, stGslbConfig2.ipBannerConfig, stGslbConfig2.portBannerConfig, stGslbConfig2.hostBannerConfi
206
288
```

```
142
197 pBannerConfig, stGslbConfig2.portBannerConfig, stGslbConfig2.hostBannerConfig, stGslbConfig2.hostBanType);
206
288
```

Con un'analisi DTI dei domini **us[.]thtk[.]temu[.]com** e **us[.]temu[.]com**, utilizzati mediante le richieste HTTP attraverso l'indirizzo IP **20.15.0[.]56,** è possibile evidenziare i seguenti dettagli relativi alle porte aperte **80** e **443**. I dettagli includono gli attributi **api_uid**, indispensabili per le richieste HTTP e HTTPS:

**DATE: 20.10.2023 - 09:50 UTC** Swascan

**Details**

| | |
|---|---|
| **Country** | United States |
| **Organization** | Microsoft Corporation |
| **ISP** | Microsoft Corporation |
| **Hostname** | us.thtk.temu.com |
| **ASN** | AS8075 |

**Ports**

80, 443

**Services**

| | |
|---|---|
| **Port** | 80 |
| **Protocol** | tcp |
| **App** | |
| **Version** | |
| **Data** | HTTP/1.1 200 OK<br>Date: Fri, 13 Oct 2023 18:03:59 GMT<br>Content-Type: text/html<br>Content-Length: 0<br>Connection: keep-alive<br>Last-Modified: Tue, 14 Mar 2023 06:39:29 GMT<br>ETag: "641016a1-0"<br>Set-Cookie: api_uid=CmwS9GUpho+5tDskgyBbAg==;<br>expires=Thu, 31-Dec-37 23:55:55 GMT; domain=.temu.com;<br>path=/<br>Accept-Ranges: bytes |

| | |
|---|---|
| **Port** | 443 |
| **Protocol** | tcp |
| **App** | |

DATE: 20.10.2023 - 09:50 UTC Swascan

| Version | |
|---|---|
| **Data** | HTTP/1.1 200 OK<br>Date: Mon, 25 Sep 2023 09:52:08 GMT<br>Content-Type: text/html<br>Content-Length: 0<br>Connection: keep-alive<br>Last-Modified: Tue, 12 Sep 2023 06:48:46 GMT<br>ETag: "650009ce-0"<br>Set-Cookie: api_uid=Cmwm+mURWEhmljYPhloTAg==;<br>expires=Thu, 31-Dec-37 23:55:55 GMT; domain=.temu.com;<br>path=/<br>Accept-Ranges: bytes |

Il dominio **us[.]temu[.]com** possiede un'infrastruttura web server nginx:

DATE: 20.10.2023 - 10:00 UTC Swascan

**Details** **Ports**

| | |
|---|---|
| **Country** | United States |
| **Organization** | Microsoft Corporation |
| **ISP** | Microsoft Corporation |
| **Hostname** | us.temu.com |
| **ASN** | AS8075 |

80, 443

## Services

| | |
|---|---|
| **Port** | 80 |
| **Protocol** | tcp |
| **App** | nginx |
| **Version** | |
| **Data** | HTTP/1.1 403 Forbidden<br>Server: nginx<br>Date: Fri, 20 Oct 2023 09:10:38 GMT<br>Content-Type: application/json<br>Transfer-Encoding: chunked<br>Connection: keep-alive<br>Vary: Accept-Encoding<br>cip: 224.117.170.253 |

| | |
|---|---|
| **Port** | 443 |
| **Protocol** | tcp |
| **App** | nginx |
| **Version** | |
| **Data** | HTTP/1.1 403 Forbidden<br>Server: nginx<br>Date: Fri, 20 Oct 2023 09:02:39 GMT<br>Content-Type: application/json<br>Transfer-Encoding: chunked<br>Connection: keep-alive<br>Vary: Accept-Encoding<br>cip: 224.117.170.253 |

Qui di seguito diversi attributi statici, array di integers relativi ad oggetti del layout e della gestione delle frame positions:

```
129     public static int[] KeyFramesAcceleration = new int[0];
130     public static int[] KeyFramesVelocity = new int[0];
131     public static int[] KeyPosition = {R.attr.curveFit, R.attr.drawPath, R.attr.framePosition, R.attr.keyP
132     public static int[] KeyTimeCycle = {16843551, 16843554, 16843555, 16843556, 16843557, 16843558, 168435
133     public static int[] KeyTrigger = {R.attr.framePosition, R.attr.motionTarget, R.attr.motion_postLayoutC
134     public static int[] Layout = {16842948, 16842996, 16842997, 16842999, 16843000, 16843001, 16843002, 16
135     public static int[] LinearLayoutCompat = {16842927, 16842948, 16843046, 16843047, 16843048, R.attr.div
136     public static int[] LinearLayoutCompat_Layout = {16842931, 16842996, 16842997, 16843137};
137     public static int[] LinearProgressIndicator = {R.attr.indeterminateAnimationType, R.attr.indicatorDire
138     public static int[] ListPopupWindow = {16843436, 16843437};
139     public static int[] LoadingImageView = {R.attr.circleCrop, R.attr.imageAspectRatio, R.attr.imageAspectR
140     public static int[] MapAttrs = {R.attr.ambientEnabled, R.attr.backgroundColor, R.attr.cameraBearing, R
141     public static int[] MaterialAlertDialog = {R.attr.backgroundInsetBottom, R.attr.backgroundInsetEnd, R.
142     public static int[] MaterialAlertDialogTheme = {R.attr.materialAlertDialogBodyTextStyle, R.attr.materi
143     public static int[] MaterialAutoCompleteTextView = {16843296};
144     public static int[] MaterialButton = {16842964, 16843191, 16843192, 16843193, 16843194, 16843237, R.at
145     public static int[] MaterialButtonToggleGroup = {R.attr.checkedButton, R.attr.selectionRequired, R.att
146     public static int[] MaterialCalendar = {16843277, R.attr.dayInvalidStyle, R.attr.daySelectedStyle, R.a
147     public static int[] MaterialCalendarItem = {16843191, 16843192, 16843193, 16843194, R.attr.itemFillCol
148     public static int[] MaterialCardView = {16843237, R.attr.cardForegroundColor, R.attr.checkedIcon, R.at
149     public static int[] MaterialCheckBox = {R.attr.buttonTint, R.attr.useMaterialThemeColors};
150     public static int[] MaterialRadioButton = {R.attr.buttonTint, R.attr.useMaterialThemeColors};
151     public static int[] MaterialShape = {R.attr.shapeAppearance, R.attr.shapeAppearanceOverlay};
152     public static int[] MaterialTextAppearance = {16843958, 16844159, R.attr.lineHeight};
153     public static int[] MaterialTextView = {16842804, 16844159, R.attr.lineHeight};
154     public static int[] MaterialTimePicker = {R.attr.clockIcon, R.attr.keyboardIcon};
155     public static int[] MaterialToolbar = {R.attr.navigationIconTint, R.attr.subtitleCentered, R.attr.titl
156     public static int[] MaxHeightConstraintLayout = {R.attr.maxHeight};
157     public static int[] MaxHeightFrameLayout = {16843040};
158     public static int[] MaxHeightScrollView = {R.attr.maxHeight};
159     public static int[] MenuGroup = {16842766, 16842960, 16843156, 16843230, 16843231, 16843232};
160     public static int[] MenuItem = {16842754, 16842766, 16842960, 16843014, 16843156, 16843230, 16843231,
161     public static int[] MenuView = {16842926, 16843052, 16843053, 16843054, 16843055, 16843056, 16843057,
162     public static int[] MockView = {R.attr.mock_diagonalsColor, R.attr.mock_label, R.attr.mock_labelBackgr
163     public static int[] MonthWheelView = {R.attr.wv_selectedMonth};
164     public static int[] Motion = {R.attr.animate_relativeTo, R.attr.drawPath, R.attr.motionPathRotate, R.a
```

Vengono ottenuti in modo serializzato alcuni attributi individualizzanti del telefono sul quale viene installata Temu, quali ad esempio *tel_location_id* ed *email_id:*

```
import androidx.annotation.NonNull;
import androidx.annotation.Nullable;
import androidx.core.app.NotificationCompat;
import com.einnovation.whaleco.lego.m2.impl.v8.event.Extras;
import com.google.gson.annotations.SerializedName;

/* compiled from: Temu */
/* loaded from: classes2.dex */
public class f {
    @NonNull

    /* renamed from: a  reason: collision with root package name */
    public String f380a;
    @SerializedName("last_sent_yzm_time")

    /* renamed from: b  reason: collision with root package name */
    private long f381b;
    @Nullable
    @SerializedName("tel_location_id")

    /* renamed from: c  reason: collision with root package name */
    private String f382c;
    @Nullable
    @SerializedName("mobile")

    /* renamed from: d  reason: collision with root package name */
    private String f383d;
    @Nullable
    @SerializedName(NotificationCompat.CATEGORY_EMAIL)

    /* renamed from: e  reason: collision with root package name */
    private String f384e;
    @Nullable
    @SerializedName("email_id")

    /* renamed from: f  reason: collision with root package name */
```

All'interno della classe *z1* possiamo notare il metodo di tipo Object *a* (che andrà poi ad implementare il medesimo all'interno della classe *c1*), il quale ottiene il serial number associato all'utente con il getter *this.f60958a.getSerialNumberForUser(this.f60959b)*.

```
package pm0;

import android.os.UserHandle;
import android.os.UserManager;

/* compiled from: Temu */
/* loaded from: classes3.dex */
public final /* synthetic */ class z1 implements c1 {

    /* renamed from: a  reason: collision with root package name */
    public final /* synthetic */ UserManager f60958a;

    /* renamed from: b  reason: collision with root package name */
    public final /* synthetic */ UserHandle f60959b;

    public /* synthetic */ z1(UserManager userManager, UserHandle userHandle) {
4       this.f60958a = userManager;
6       this.f60959b = userHandle;
    }

    @Override // pm0.c1
    public final Object a() {
        Long valueOf;
5       valueOf = Long.valueOf(this.f60958a.getSerialNumberForUser(this.f60959b));
19      return valueOf;
    }
}
```

All'interno dell'oggetto *hashtable2* vengono aggiunti diversi attributi individualizzanti, quali ad esempio gli indirizzi di consegna, serial number, numero di telefono.

```
 982         hashtable2.put("dc", G5);
 987         hashtable2.put("description", G6);
 992         hashtable2.put("destinationindicator", G7);
 997         hashtable2.put("distinguishedname", G8);
1002         hashtable2.put("dnqualifier", G9);
1007         hashtable2.put("enhancedsearchguide", G10);
1012         hashtable2.put("facsimiletelephonenumber", G11);
1017         hashtable2.put("generationqualifier", G12);
1022         hashtable2.put("givenname", G13);
1027         hashtable2.put("houseidentifier", G14);
1034         hashtable2.put("initials", G15);
1041         hashtable2.put("internationalisdnnumber", G16);
1048         hashtable2.put("l", G17);
1055         hashtable2.put("member", G18);
1062         hashtable2.put(FieldKey.NAME, G19);
1069         hashtable2.put("o", G20);
1076         hashtable2.put("ou", G21);
1083         hashtable2.put("owner", G22);
1090         hashtable2.put("physicaldeliveryofficename", G23);
1097         hashtable2.put("postaladdress", G24);
1104         hashtable2.put("postalcode", G25);
1111         hashtable2.put("postofficebox", G26);
1118         hashtable2.put("preferreddeliverymethod", G27);
1125         hashtable2.put("registeredaddress", G28);
1132         hashtable2.put("roleoccupant", G29);
1139         hashtable2.put("searchguide", G30);
1146         hashtable2.put("seealso", G31);
1153         hashtable2.put("serialnumber", G32);
1160         hashtable2.put("sn", G33);
1167         hashtable2.put("st", G34);
1174         hashtable2.put("street", G35);
1181         hashtable2.put("telephonenumber", G36);
1188         hashtable2.put("teletexterminalidentifier", G37);
1195         hashtable2.put("telexnumber", G38);
1202         hashtable2.put("title", G39);
1209         hashtable2.put(DataType.UID, G40);
1216         hashtable2.put("uniquemember", G41);
```

All'interno del package *cu0* e la classe *c* possiamo notare l'utilizzo di API di **Line[.]me**, un'applicazione di messaggistica istantanea:

```
1  package cu0;
2
3  import com.einnovation.whaleco.app_comment_camera.utils.Constants;
4  import com.einnovation.whaleco.lego.m2.impl.v8.event.Extras;
5  import kotlin.Metadata;
6  import org.jetbrains.annotations.NotNull;
7
8  /* compiled from: Temu */
9  @Metadata(d1 = {"\u0000\u0010\n\u0002\u0018\u0002\n\u0002\u0010\u0000\n\u0002\u0010\u000e\n\u0002\b\u000b\b
10 /* loaded from: classes4.dex */
11 public abstract class c {
12     @NotNull
13
14     /* renamed from: a  reason: collision with root package name */
15     public final String f39900a = "https://api.line.me/";
16     @NotNull
17
18     /* renamed from: b  reason: collision with root package name */
19     public final String f39901b = "https://access.line.me/.well-known/openid-configuration";
20     @NotNull
21
22     /* renamed from: c  reason: collision with root package name */
23     public final String f39902c = "https://access.line.me/oauth2/v2.1/login";
24
25     @NotNull
26     public String a() {
27         return this.f39900a;
28     }
29
30     @NotNull
31     public String b() {
32         return this.f39901b;
33     }
34
35     @NotNull
36     public String c() {
```

Temu ha il permesso di accesso ai contatti del telefono con lo scopo di condividere l'applicazione stessa:

```
1618         public static final int res_0x7f100609_pay_ui_web_loading_channel_paypal_content = 0x7f100609;
1619         public static final int res_0x7f10060a_pay_ui_web_loading_channel_paypal_title = 0x7f10060a;
1620         public static final int res_0x7f10060b_pay_ui_web_loading_main_title = 0x7f10060b;
1621         public static final int pay_ui_mbway_mobile_internation_code = 0x7f10060c;
1622         public static final int pay_ui_span_replacement = 0x7f10060d;
1623         public static final int res_0x7f10060e_permission_allow_access = 0x7f10060e;
1624         public static final int res_0x7f10060f_permission_camera_go_settings_content = 0x7f10060f;
1625         public static final int res_0x7f100610_permission_camera_go_settings_title = 0x7f100610;
1626         public static final int res_0x7f100611_permission_camera_toast = 0x7f100611;
1627         public static final int res_0x7f100612_permission_camera_toast_reject = 0x7f100612;
1628         public static final int res_0x7f100613_permission_can_not_go_settings = 0x7f100613;
1629         public static final int res_0x7f100614_permission_contacts_go_settings = 0x7f100614;
1630         public static final int res_0x7f100615_permission_contacts_toast = 0x7f100615;
1631         public static final int res_0x7f100616_permission_default_go_settings = 0x7f100616;
1632         public static final int res_0x7f100617_permission_default_toast = 0x7f100617;
1633         public static final int res_0x7f100618_permission_disclosure_camera_desc = 0x7f100618;
1634         public static final int res_0x7f100619_permission_disclosure_camera_microphone_desc = 0x7f100619
1635         public static final int res_0x7f10061a_permission_disclosure_camera_microphone_tile = 0x7f10061a
1636         public static final int res_0x7f10061b_permission_disclosure_camera_tile = 0x7f10061b;
1637         public static final int res_0x7f10061c_permission_disclosure_microphone_desc = 0x7f10061c;
1638         public static final int res_0x7f10061d_permission_disclosure_microphone_tile = 0x7f10061d;
1639         public static final int res_0x7f10061e_permission_disclosure_storage_desc = 0x7f10061e;
1640         public static final int res_0x7f10061f_permission_disclosure_storage_tile = 0x7f10061f;
1641         public static final int res_0x7f100620_permission_location_go_settings = 0x7f100620;
1642         public static final int res_0x7f100621_permission_location_go_settings_content = 0x7f100621;
1643         public static final int res_0x7f100622_permission_location_go_settings_title = 0x7f100622;
1644         public static final int res_0x7f100623_permission_location_toast = 0x7f100623;
1645         public static final int res_0x7f100624_permission_location_toast_reject = 0x7f100624;
1646         public static final int res_0x7f100625_permission_not_now = 0x7f100625;
1647         public static final int res_0x7f100626_permission_open_settings = 0x7f100626;
1648         public static final int res_0x7f100627_permission_record_go_settings = 0x7f100627;
1649         public static final int res_0x7f100628_permission_record_go_settings_content = 0x7f100628;
1650         public static final int res_0x7f100629_permission_record_go_settings_low_ver = 0x7f100629;
1651         public static final int res_0x7f10062a_permission_record_go_settings_title = 0x7f10062a;
1652         public static final int res_0x7f10062b_permission_record_toast = 0x7f10062b;
1653         public static final int res_0x7f10062c_permission_storage_go_settings_content = 0x7f10062c;
```

```
75      }
76
77      /* compiled from: Temu */
78      /* loaded from: classes.dex */
79      public static class a {
80          @SerializedName("content_type")
81
82          /* renamed from: a  reason: collision with root package name */
83          public int f5865a;
84          @Nullable
85          @SerializedName(NoticeBlockItemInfo.TEXT_TYPE)
86
87          /* renamed from: b  reason: collision with root package name */
88          public String f5866b;
89          @Nullable
90          @SerializedName(CdnBusinessType.BUSINESS_TYPE_IMAGE)
91
92          /* renamed from: c  reason: collision with root package name */
93          public List<String> f5867c;
94          @Nullable
95          @SerializedName("contacts")
96
97          /* renamed from: d  reason: collision with root package name */
98          public String[] f5868d;
99          @Nullable
100         @SerializedName("mail_title")
101
102         /* renamed from: e  reason: collision with root package name */
103         public String f5869e;
104         @Nullable
105         @SerializedName("quote")
106
107         /* renamed from: f  reason: collision with root package name */
108         public String f5870f;
109         @Nullable
110         @SerializedName("hashtag")
111
```

Nel caso in cui l'attributo booleano del permesso di lettura dei contatti del telefono sia equivalente a TRUE viene riempito un array di String contenente i contatti enumerati a bordo del telefono:

```
        this.f57300b = webContents;
    }

    public static ContactsDialogHost create(WebContents webContents, long j12) {
        return new ContactsDialogHost(webContents, j12);
    }

    public void destroy() {
        this.f57299a = 0L;
    }

    public final void showDialog(boolean z12, boolean z13, boolean z14, boolean z15, boolean z16, boolean z17,
        WindowAndroid n12 = this.f57300b.n();
        if (!f57298c && n12 == null) {
            throw new AssertionError();
        }
        if (n12.a().get() == null) {
            J.N.MOM50EIZ(this.f57299a);
        } else if (n12.hasPermission("android.permission.READ_CONTACTS")) {
            J.N.MOM50EIZ(this.f57299a);
        } else if (!n12.canRequestPermission("android.permission.READ_CONTACTS")) {
            J.N.MOM50EIZ(this.f57299a);
        } else {
            n12.a(new String[]{"android.permission.READ_CONTACTS"}, new j0(this, z12, z13, z14, z15, z16, z17,
        }
    }

    public void a(boolean z12, boolean z13, boolean z14, boolean z15, boolean z16, boolean z17, String str, St
        if (strArr.length == 1 && iArr.length == 1 && TextUtils.equals(strArr[0], "android.permission.READ_CO
            J.N.MOM50EIZ(this.f57299a);
        } else {
            J.N.MOM50EIZ(this.f57299a);
        }
    }
}
```

# Conclusioni

Temu possiede numerose caratteristiche che, nonostante siano fisiologiche e coerenti con la categoria dell'applicazione stessa (e-shopping), presentano alcune criticità in relazione alla conformità alla privacy dei dati personali degli utenti. Questo è il motivo principale per cui Temu potrebbe essere considerata come un'applicazione potenzialmente indesiderata dagli utenti e, di conseguenza, tacciata come "sospetta" dai vari application stores.

Ciò che colpisce di Temu è il livello di profondità a cui accede nei dispositivi sui quali è installata anche per le proprie peculiarità di ottenimento di attributi identificativi, come ad esempio il device ID contestualmente all'invio di richieste HTTP individualizzanti. Secondo i termini e le condizioni di Temu, inoltre, nel caso in cui il metodo di pagamento di default salvato all'interno del proprio account non fosse disponibile, l'applicazione procederà a selezionare una seconda carta di credito (se impostata in precedenza all'interno dei metodi di pagamento).

Alla luce delle superiori evidenze, Temu potrebbe in definitiva essere indicato come "GreyWare" in quanto non propriamente identificabile come malware ma comunque in grado di influenzare la user experience, mostrando comportamenti non sempre trasparent e non discutibili sul piano della conformità regolamentare della privacy.