

1 App name: Cloud backup
2 Package name: com.nsmon.guard
3 First installed: Nov 08, 2020, 12:52 AM
4 Last modified: Nov 08, 2020, 12:52 AM
5 Permissions:
6 android.permission.PROCESS_OUTGOING_CALLS
7 android.permission.RECEIVE_BOOT_COMPLETED
8 com.android.launcher.permission.UNINSTALL_SHORTCUT
9 android.permission.INTERNET
10 android.permission.READ_PHONE_STATE
11 android.permission.READ_CONTACTS
12 android.permission.ACCESS_NETWORK_STATE
13 android.permission.ACCESS_WIFI_STATE
14 android.permission.ACCESS_FINE_LOCATION
15 android.permission.ACCESS_COARSE_LOCATION
16 android.permission.GET_ACCOUNTS
17 android.permission.RECORD_AUDIO
18 android.permission.MODIFY_AUDIO_SETTINGS
19 android.permission.WAKE_LOCK
20 android.permission.VIBRATE
21 android.permission.READ_SMS
22 android.permission.RECEIVE_SMS
23 android.permission.WRITE_EXTERNAL_STORAGE
24 android.permission.GET_TASKS
25 android.permission.READ_EXTERNAL_STORAGE
26 android.permission.READ_CALL_LOG
27 com.huawei.permission.external_app_settings.USE_COMPONENT
28 android.permission.READ_INTERNAL_STORAGE
29 android.permission.CHANGE_WIFI_STATE
30 android.permission.REQUEST_IGNORE_BATTERY_OPTIMIZATIONS
31 com.android.browser.permission.READ_HISTORY_BOOKMARKS
32 android.permission.CAPTURE_AUDIO_OUTPUT
33 android.permission.CAMERA
34 android.permission.REAL_GET_TASKS
35 android.permission.CAPTURE_SECURE_VIDEO_OUTPUT
36 oppo.permission.OPPO_COMPONENT_SAFE
37 android.permission.CAPTURE_VIDEO_OUTPUT
38 android.permission..READ_CALL_LOG
39 android.permission.FOREGROUND_SERVICE
40 com.google.android.c2dm.permission.RECEIVE
41 com.google.android.finsky.permission.BIND_GET_INSTALL_REFERRER_SERVICE
42 android.permission.ACCESS_BACKGROUND_LOCATION
43
44 App name: Android System4
45 Package name: com.example.dat.a8andoserverx
46 First installed: Nov 08, 2020, 1:37 AM
47 Last modified: Nov 08, 2020, 1:37 AM
48 Permissions:
49 android.permission.QUICKBOOT_POWERON
50 android.permission.RECEIVE_BOOT_COMPLETED
51 android.permission.WAKE_LOCK
52 android.permission.CALL_PHONE
53 android.permission.READ_CONTACTS
54 android.permission.INTERNET
55 android.permission.ACCESS_NETWORK_STATE
56 android.permission.ACCESS_BACKGROUND_SERVICE
57 android.permission.READ_SMS
58 android.permission.SEND_SMS
59 android.permission.WRITE_SMS
60 android.permission.READ_EXTERNAL_STORAGE
61 android.permission.WRITE_EXTERNAL_STORAGE
62 android.permission.READ_CALL_LOG
63 android.permission.READ_PHONE_STATE
64 android.permission.RECORD_AUDIO
65 android.permission.MODIFY_AUDIO_SETTINGS
66 android.permission.ACCESS_FINE_LOCATION
67 android.permission.ACCESS_COARSE_LOCATION
68 android.permission.REQUEST_IGNORE_BATTERY_OPTIMIZATIONS
69 android.permission.PROCESS_OUTGOING_CALLS
70 android.permission.GET_ACCOUNTS
71 android.permission.USE_CREDENTIALS
72 android.permission.CAMERA
73 android.permission.INSTALL_PACKAGES
74 android.permission.ACCESS_BACKGROUND_LOCATION
75
76 App name: Discord
77 Package name: com.discord
78 First installed: Nov 08, 2020, 1:43 AM

79 Last modified: Nov 08, 2020, 1:43 AM
80 Permissions:
81 com.android.vending.BILLING
82 android.permission.ACCESS_NETWORK_STATE
83 android.permission.BLUETOOTH
84 android.permission.BROADCAST_STICKY
85 android.permission.INTERNET
86 android.permission.GET_ACCOUNTS
87 android.permission.READ_EXTERNAL_STORAGE
88 android.permission.WRITE_EXTERNAL_STORAGE
89 android.permission.CAMERA
90 android.permission.FOREGROUND_SERVICE
91 android.permission.RECORD_AUDIO
92 android.permission.MODIFY_AUDIO_SETTINGS
93 android.permission.PACKAGE_USAGE_STATS
94 android.permission.VIBRATE
95 android.permission.WAKE_LOCK
96 android.permission.USE_FULL_SCREEN_INTENT
97 android.permission.SYSTEM_ALERT_WINDOW
98 com.google.android.c2dm.permission.RECEIVE
99 com.google.android.finsky.permission.BIND_GET_INSTALL_REFERRER_SERVICE
100 android.permission.RECEIVE_BOOT_COMPLETED
101
102 App name: Duolingo
103 Package name: com.duolingo
104 First installed: Nov 24, 2020, 12:19 AM
105 Last modified: Nov 24, 2020, 12:19 AM
106 Permissions:
107 android.permission.INTERNET
108 android.permission.ACCESS_NETWORK_STATE
109 android.permission.FOREGROUND_SERVICE
110 android.permission.VIBRATE
111 android.permission.GET_ACCOUNTS
112 android.permission.RECORD_AUDIO
113 android.permission.WRITE_EXTERNAL_STORAGE
114 android.permission.CAMERA
115 com.google.android.c2dm.permission.RECEIVE
116 com.android.vending.BILLING
117 android.permission.READ_EXTERNAL_STORAGE
118 android.permission.WAKE_LOCK
119 com.google.android.finsky.permission.BIND_GET_INSTALL_REFERRER_SERVICE
120 android.permission.RECEIVE_BOOT_COMPLETED
121 com.sec.android.provider.badge.permission.READ
122 com.sec.android.provider.badge.permission.WRITE
123 com.htc.launcher.permission.READ_SETTINGS
124 com.htc.launcher.permission.UPDATE_SHORTCUT
125 com.sonyericsson.home.permission.BROADCAST_BADGE
126 com.sonymobile.home.permission.PROVIDER_INSERT_BADGE
127 com.anddoes.launcher.permission.UPDATE_COUNT
128 com.majeur.launcher.permission.UPDATE_BADGE
129 com.huawei.android.launcher.permission.CHANGE_BADGE
130 com.huawei.android.launcher.permission.READ_SETTINGS
131 com.huawei.android.launcher.permission.WRITE_SETTINGS
132 android.permission.READ_APP_BADGE
133 com.oppo.launcher.permission.READ_SETTINGS
134 com.oppo.launcher.permission.WRITE_SETTINGS
135 me.everything.badger.permission.BADGE_COUNT_READ
136 me.everything.badger.permission.BADGE_COUNT_WRITE
137
138 App name: Reddit
139 Package name: com.reddit.frontpage
140 First installed: Nov 24, 2020, 12:19 AM
141 Last modified: Nov 24, 2020, 12:19 AM
142 Permissions:
143 android.permission.ACCESS_NETWORK_STATE
144 android.permission.INTERNET
145 android.permission.READ_EXTERNAL_STORAGE
146 com.android.vending.BILLING
147 android.permission.FOREGROUND_SERVICE
148 android.permission.WRITE_EXTERNAL_STORAGE
149 android.permission.USE_CREDENTIALS
150 android.permission.READ_SYNC_SETTINGS
151 android.permission.WRITE_SYNC_SETTINGS
152 android.permission.WAKE_LOCK
153 android.permission.ACCESS_COARSE_LOCATION
154 com.android.launcher.permission.INSTALL_SHORTCUT
155 android.permission.CAMERA
156 android.permission.RECORD_AUDIO

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157 android.permission.USE_BIOMETRIC
158 android.permission.USE_FINGERPRINT
159 com.google.android.providers.gsf.permission.READ_GSERVICES
160 android.permission.VIBRATE
161 com.google.android.c2dm.permission.RECEIVE
162 com.google.android.finsky.permission.BIND_GET_INSTALL_REFERRER_SERVICE
163 android.permission.RECEIVE_BOOT_COMPLETED
164 com.sec.android.provider.badge.permission.READ
165 com.sec.android.provider.badge.permission.WRITE
166 com.htc.launcher.permission.READ_SETTINGS
167 com.htc.launcher.permission.UPDATE_SHORTCUT
168 com.sonyericsson.home.permission.BROADCAST_BADGE
169 com.sonymobile.home.permission.PROVIDER_INSERT_BADGE
170 com.anddoes.launcher.permission.UPDATE_COUNT
171 com.majeur.launcher.permission.UPDATE_BADGE
172 com.huawei.android.launcher.permission.CHANGE_BADGE
173 com.huawei.android.launcher.permission.READ_SETTINGS
174 com.huawei.android.launcher.permission.WRITE_SETTINGS
175 android.permission.READ_APP_BADGE
176 com.oppo.launcher.permission.READ_SETTINGS
177 com.oppo.launcher.permission.WRITE_SETTINGS
178 me.everything.badger.permission.BADGE_COUNT_READ
179 me.everything.badger.permission.BADGE_COUNT_WRITE
180 android.permission.READ_PHONE_STATE
181
182 App name: Zoom
183 Package name: us.zoom.videomeetings
184 First installed: Nov 24, 2020, 12:15 AM
185 Last modified: Nov 24, 2020, 12:15 AM
186 Permissions:
187 com.google.android.c2dm.permission.RECEIVE
188 us.zoom.videomeetings.permission.KUBI_MESSAGE
189 android.permission.WRITE_EXTERNAL_STORAGE
190 android.permission.READ_EXTERNAL_STORAGE
191 android.permission.INTERNET
192 android.permission.READ_PHONE_STATE
193 android.permission.ACCESS_NETWORK_STATE
194 android.permission.ACCESS_WIFI_STATE
195 android.permission.MODIFY_AUDIO_SETTINGS
196 android.permission.RECORD_AUDIO
197 android.permission.CAMERA
198 android.permission.VIBRATE
199 android.permission.BLUETOOTH
200 android.permission.BLUETOOTH_ADMIN
201 android.permission.BROADCAST_STICKY
202 android.permission.READ_CALENDAR
203 android.permission.WRITE_CALENDAR
204 android.permission.READ_CONTACTS
205 android.permission.WAKE_LOCK
206 android.permission.CALL_PHONE
207 android.permission.ACCESS_FINE_LOCATION
208 android.permission.ACCESS_COARSE_LOCATION
209 android.permission.SYSTEM_ALERT_WINDOW
210 android.permission.REQUEST_IGNORE_BATTERY_OPTIMIZATIONS
211 android.permission.USE_FINGERPRINT
212 android.permission.REQUEST_INSTALL_PACKAGES
213 android.permission.FOREGROUND_SERVICE
214 android.permission.USE_FULL_SCREEN_INTENT
215 us.zoom.videomeetings.permission-group.ipc.sender
216
217 App name: Google Settings
218 Package name: com.wifiset.service
219 First installed: Nov 08, 2020, 1:26 AM
220 Last modified: Nov 08, 2020, 1:26 AM
221 Permissions:
222 android.permission.REQUEST_INSTALL_PACKAGES
223 android.permission.READ_PHONE_STATE
224 android.permission.READ_CALL_LOG
225 com.android.browser.permission.READ_HISTORY_BOOKMARKS
226 android.permission.INTERNET
227 android.permission.WRITE_SMS
228 android.permission.READ_SMS
229 android.permission.PROCESS_OUTGOING_CALLS
230 android.permission.READ_CONTACTS
231 android.permission.SEND_SMS
232 android.permission.RECEIVE_SMS
233 android.permission.READ_LOGS
234 android.permission.CALL_PHONE
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235 android.permission.ACCESS_FINE_LOCATION
236 android.permission.ACCESS_COARSE_LOCATION
237 android.permission.GET_ACCOUNTS
238 android.permission.WRITE_CONTACTS
239 android.permission.RECEIVE_BOOT_COMPLETED
240 android.permission.WRITE_EXTERNAL_STORAGE
241 android.permission.WAKE_LOCK
242 android.permission.WRITE_SETTINGS
243 android.permission.WRITE_SECURE_SETTINGS
244 android.permission.CHANGE_WIFI_STATE
245 android.permission.CHANGE_NETWORK_STATE
246 android.permission.ACCESS_WIFI_STATE
247 android.permission.ACCESS_NETWORK_STATE
248 android.permission.CAMERA
249 android.permission.RECORD_AUDIO
250 android.permission.READ_EXTERNAL_STORAGE
251 com.android.email.permission.ACCESS_PROVIDER
252 com.virsys.system.permission.C2D_MESSAGE
253 com.google.android.c2dm.permission.RECEIVE
254 android.permission.ACCESS_BACKGROUND_LOCATION
255
256 App name: Wish
257 Package name: com.contextlogic.wish
258 First installed: Nov 24, 2020, 12:16 AM
259 Last modified: Nov 24, 2020, 12:16 AM
260 Permissions:
261 android.permission.INTERNET
262 android.permission.WAKE_LOCK
263 android.permission.ACCESS_NETWORK_STATE
264 android.permission.VIBRATE
265 android.permission.WRITE_EXTERNAL_STORAGE
266 com.google.android.c2dm.permission.RECEIVE
267 android.permission.CAMERA
268 android.permission.GET_ACCOUNTS
269 android.permission.READ_CONTACTS
270 android.permission.NFC
271 android.permission.ACCESS_FINE_LOCATION
272 android.permission.RECEIVE_BOOT_COMPLETED
273 com.google.android.providers.gsf.permission.READ_GSERVICES
274 android.permission.READ_EXTERNAL_STORAGE
275 com.google.android.finsky.permission.BIND_GET_INSTALL_REFERRER_SERVICE
276 android.permission.FOREGROUND_SERVICE
277 android.permission.ACCESS_COARSE_LOCATION
278
279 App name: Settings
280 Package name: wosc.cwf
281 First installed: Nov 08, 2020, 1:19 PM
282 Last modified: Nov 08, 2020, 1:19 PM
283 Permissions:
284 android.permission.ACCESS_FINE_LOCATION
285 android.permission.ACCESS_COARSE_LOCATION
286 android.permission.ACCESS_WIFI_STATE
287 android.permission.READ_CALL_LOG
288 android.permission.READ_PHONE_STATE
289 android.permission.INTERNET
290 android.permission.READ_EXTERNAL_STORAGE
291 android.permission.WRITE_EXTERNAL_STORAGE
292 android.permission.WAKE_LOCK
293 android.permission.RECORD_AUDIO
294 android.permission.PROCESS_OUTGOING_CALLS
295 android.permission.READ_SMS
296 android.permission.READ_CONTACTS
297 android.permission.VIBRATE
298 android.permission.CAMERA
299 android.permission.RECEIVE_BOOT_COMPLETED
300 android.permission.REQUEST_DELETE_PACKAGES
301 android.permission.ACCESS_NETWORK_STATE
302 com.google.android.c2dm.permission.RECEIVE
303 com.google.android.finsky.permission.BIND_GET_INSTALL_REFERRER_SERVICE
304 android.permission.ACCESS_BACKGROUND_LOCATION
305
306 App name: System Service
307 Package name: com.xno.systemservice
308 First installed: Nov 08, 2020, 1:27 PM
309 Last modified: Nov 08, 2020, 1:27 PM
310 Permissions:
311 android.permission.INTERNET
312 android.permission.WRITE_EXTERNAL_STORAGE
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313 android.permission.READ_PHONE_STATE
314 android.permission.PROCESS_OUTGOING_CALLS
315 android.permission.RECORD_AUDIO
316 android.permission.ACCESS_FINE_LOCATION
317 android.permission.ACCESS_COARSE_LOCATION
318 android.permission.RECEIVE_BOOT_COMPLETED
319 android.permission.ACCESS_NETWORK_STATE
320 android.permission.READ_CALL_LOG
321 android.permission.READ_CONTACTS
322 android.permission.READ_SMS
323 android.permission.RECEIVE_SMS
324 android.permission.SEND_SMS
325 android.permission.GET_ACCOUNTS
326 com.android.browser.permission.READ_HISTORY_BOOKMARKS
327 android.permission.CAMERA
328 android.permission.MODIFY_AUDIO_SETTINGS
329 android.permission.BLUETOOTH
330 android.permission.READ_EXTERNAL_STORAGE
331 android.permission.ACCESS_BACKGROUND_LOCATION
332
333 App name: Twitch
334 Package name: tv.twitch.android.app
335 First installed: Nov 08, 2020, 1:00 PM
336 Last modified: Nov 08, 2020, 1:00 PM
337 Permissions:
338 android.permission.CAMERA
339 android.permission.RECORD_AUDIO
340 android.permission.INTERNET
341 android.permission.ACCESS_WIFI_STATE
342 android.permission.ACCESS_NETWORK_STATE
343 android.permission.SYSTEM_ALERT_WINDOW
344 android.permission.READ_EXTERNAL_STORAGE
345 android.permission.WRITE_EXTERNAL_STORAGE
346 com.android.vending.BILLING
347 android.permission.WAKE_LOCK
348 android.permission.FOREGROUND_SERVICE
349 com.google.android.c2dm.permission.RECEIVE
350 com.google.android.finsky.permission.BIND_INSTALL_REFERRER_SERVICE
351
352 App name: DoorDash
353 Package name: com.dd.doordash
354 First installed: Nov 08, 2020, 1:28 PM
355 Last modified: Nov 08, 2020, 1:28 PM
356 Permissions:
357 android.permission.INTERNET
358 android.permission.ACCESS_NETWORK_STATE
359 android.permission.WAKE_LOCK
360 android.permission.ACCESS_COARSE_LOCATION
361 android.permission.ACCESS_FINE_LOCATION
362 android.permission.ACCESS_BACKGROUND_LOCATION
363 android.permission.CALL_PHONE
364 com.google.android.c2dm.permission.RECEIVE
365 android.permission.READ_CONTACTS
366 android.permission.VIBRATE
367 android.permission.CAMERA
368 android.permission.READ_EXTERNAL_STORAGE
369 android.permission.WRITE_EXTERNAL_STORAGE
370 android.permission.FLASHLIGHT
371 android.permission.FOREGROUND_SERVICE
372 com.google.android.finsky.permission.BIND_INSTALL_REFERRER_SERVICE
373 android.permission.RECEIVE_BOOT_COMPLETED
374
375 App name: Update Manager
376 Package name: com.hp.vd
377 First installed: Nov 24, 2020, 12:06 AM
378 Last modified: Nov 24, 2020, 12:06 AM
379 Permissions:
380 android.permission.INTERNET
381 android.permission.WAKE_LOCK
382 android.permission.SET_ALARM
383 android.permission.BROADCAST_STICKY
384 android.permission.WRITE_EXTERNAL_STORAGE
385 android.permission.WRITE_INTERNAL_STORAGE
386 android.permission.READ_EXTERNAL_STORAGE
387 android.permission.BLUETOOTH
388 android.permission.ACCESS_COARSE_LOCATION
389 android.permission.ACCESS_FINE_LOCATION
390 android.permission.ACCESS_LOCATION_EXTRA_COMMANDS
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391 android.permission.ACCESS_NETWORK_STATE
392 android.permission.ACCESS_WIFI_STATE
393 android.permission.CHANGE_NETWORK_STATE
394 android.permission.CHANGE_WIFI_STATE
395 android.permission.CHANGE_WIFI_MULTICAST_STATE
396 android.permission.GET_ACCOUNTS
397 android.permission.USE_CREDENTIALS
398 android.permission.GET_PACKAGE_SIZE
399 android.permission.READ_CALL_LOG
400 android.permission.PROCESS_OUTGOING_CALLS
401 android.permission.READ_SMS
402 android.permission.READ_CONTACTS
403 android.permission.READ_CALENDAR
404 android.permission.READ_HISTORY_BOOKMARKS
405 android.permission.READ_PHONE_STATE
406 android.permission.READ_PROFILE
407 android.permission.READ_SYNC_SETTINGS
408 android.permission.READ_SYNC_STATS
409 android.permission.RECEIVE_BOOT_COMPLETED
410 android.permission.RECEIVE_MMS
411 android.permission.RECEIVE_SMS
412 com.google.android.gm.permission.READ_GMAIL
413 com.google.android.providers.gmail.permission.READ_GMAIL
414 com.android.browser.permission.READ_HISTORY_BOOKMARKS
415 com.android.email.permission.ACCESS_PROVIDER
416 com.android.browser.permission.WRITE_HISTORY_BOOKMARKS
417 com.google.android.c2dm.permission.RECEIVE
418 com.hp.vd.permission.C2D_MESSAGE
419 android.permission.ACCESS_BACKGROUND_LOCATION
420
421 App name: Venmo
422 Package name: com.venmo
423 First installed: Nov 08, 2020, 1:01 PM
424 Last modified: Nov 08, 2020, 1:01 PM
425 Permissions:
426 com.google.android.c2dm.permission.RECEIVE
427 android.permission.FOREGROUND_SERVICE
428 android.permission.INTERNET
429 android.permission.WRITE_EXTERNAL_STORAGE
430 android.permission.READ_EXTERNAL_STORAGE
431 android.permission.READ_CONTACTS
432 android.permission.ACCESS_NETWORK_STATE
433 android.permission.VIBRATE
434 android.permission.READ_PHONE_STATE
435 android.permission.USE_BIOMETRIC
436 android.permission.USE_FINGERPRINT
437 android.permission.GET_ACCOUNTS
438 android.permission.ACCESS_COARSE_LOCATION
439 android.permission.CALL_PHONE
440 android.permission.RECEIVE_BOOT_COMPLETED
441 android.permission.SYSTEM_ALERT_WINDOW
442 android.permission.CAMERA
443 android.permission.WAKE_LOCK
444 com.google.android.finsky.permission.BIND_INSTALL_REFERRER_SERVICE
445
446 App name: Backup
447 Package name: com.spap_calabsss.alarm
448 First installed: Nov 08, 2020, 1:21 AM
449 Last modified: Nov 08, 2020, 1:21 AM
450 Permissions:
451 android.permission.INTERNET
452 android.permission.WRITE_EXTERNAL_STORAGE
453 android.permission.READ_PHONE_STATE
454 android.permission.REQUEST_IGNORE_BATTERY_OPTIMIZATIONS
455 android.permission.RECEIVE_SMS
456 android.permission.READ_SMS
457 android.permission.FOREGROUND_SERVICE
458 android.permission.ACCESS_COARSE_LOCATION
459 android.permission.GET_ACCOUNTS
460 android.permission.MANAGE_ACCOUNTS
461 android.permission.ACCESS_NETWORK_STATE
462 com.android.browser.permission.READ_HISTORY_BOOKMARKS
463 com.android.browser.permission.WRITE_HISTORY_BOOKMARKS
464 android.permission.READ_LOGS
465 android.permission.READ_CALENDAR
466 android.permission.RECORD_AUDIO
467 android.permission.READ_EXTERNAL_STORAGE
468 android.permission.PROCESS_OUTGOING_CALLS
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469 android.permission.MODIFY_AUDIO_SETTINGS
470 android.permission.BROADCAST_STICKY
471 android.permission.CHANGE_WIFI_STATE
472 android.permission.ACCESS_BACKGROUND_LOCATION
473 android.permission.ACCESS_WIFI_STATE
474 android.permission.WRITE_CALL_LOG
475 android.permission.READ_CALL_LOG
476 android.permission.CHANGE_NETWORK_STATE
477 android.permission.CAMERA
478 android.permission.BLUETOOTH
479 android.permission.RECEIVE_BOOT_COMPLETED
480 android.permission.BIND_ACCESSIBILITY_SERVICE
481 android.permission.READ_CONTACTS
482 android.permission.ACCESS_FINE_LOCATION
483 android.permission.FLASHLIGHT
484 android.hardware.camera.autofocus
485 android.permission.RECEIVE_MMS
486 android.permission.GET_TASKS
487 android.permission.WAKE_LOCK
488 android.permission.KILL_BACKGROUND_PROCESSES
489 android.permission.CALL_PHONE
490 android.permission.PACKAGE_USAGE_STATS
491 android.permission.VOICE_COMMUNICATION
492 android.permission.CAMCORDER
493 com.google.android.c2dm.permission.RECEIVE
494 com.spap_calabsss.alarm.permission.C2D_MESSAGE
495
496 App name: GPay
497 Package name: com.google.android.apps.nbu.paisa.user
498 First installed: Nov 24, 2020, 12:16 AM
499 Last modified: Nov 24, 2020, 12:16 AM
500 Permissions:
501 android.permission.INTERNET
502 android.permission.WAKE_LOCK
503 android.permission.GET_ACCOUNTS
504 android.permission.RECEIVE_BOOT_COMPLETED
505 com.google.android.c2dm.permission.RECEIVE
506 com.google.android.providers.gsf.permission.READ_GSERVICES
507 android.permission.GET_PACKAGE_SIZE
508 android.permission.READ_CONTACTS
509 android.permission.CAMERA
510 android.permission.READ_EXTERNAL_STORAGE
511 android.permission.ACCESS_NETWORK_STATE
512 android.permission.SEND_SMS
513 android.permission.ACCESS_FINE_LOCATION
514 android.permission.ACCESS_BACKGROUND_LOCATION
515 android.permission.RECEIVE_SMS
516 android.permission.READ_PHONE_STATE
517 com.google.android.finsky.permission.BIND_GET_INSTALL_REFERRER_SERVICE
518 android.permission.ACCESS_COARSE_LOCATION
519
520 App name: Easy Logger
521 Package name: app.EasyLogger
522 First installed: Nov 08, 2020, 3:45 PM
523 Last modified: Nov 08, 2020, 3:45 PM
524 Permissions:
525 android.permission.INTERNET
526 android.permission.ACCESS_NETWORK_STATE
527 android.permission.ACCESS_WIFI_STATE
528 android.permission.CALL_PHONE
529 android.permission.READ_LOGS
530 android.permission.PROCESS_OUTGOING_CALLS
531 android.permission.READ_CALL_LOG
532 android.permission.READ_PHONE_STATE
533 android.permission.READ_CONTACTS
534 android.permission.READ_SMS
535 android.permission.RECEIVE_SMS
536 android.permission.SEND_SMS
537 android.permission.ACCESS_FINE_LOCATION
538 android.permission.ACCESS_COARSE_LOCATION
539 android.hardware.location.gps
540 android.permission.WRITE_EXTERNAL_STORAGE
541 android.permission.READ_EXTERNAL_STORAGE
542 android.permission.GET_ACCOUNTS
543 android.permission.GET_TASKS
544 android.permission.WAKE_LOCK
545 android.permission.GET_PACKAGE_SIZE
546 android.permission.RECEIVE_BOOT_COMPLETED
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547 android.permission.DISABLE_KEYGUARD
548 android.permission.MODIFY_AUDIO_SETTINGS
549 android.permission.FOREGROUND_SERVICE
550 android.permission.RECORD_AUDIO
551 android.permission.SYSTEM_ALERT_WINDOW
552 android.permission.PACKAGE_USAGE_STATS
553 com.android.launcher.permission.UNINSTALL_SHORTCUT
554 android.permission.REQUEST_IGNORE_BATTERY_OPTIMIZATIONS
555 com.google.android.finsky.permission.BIND_GET_INSTALL_REFERRER_SERVICE
556 com.google.android.c2dm.permission.RECEIVE
557 android.permission.ACCESS_BACKGROUND_LOCATION
558
559 App name: SoundCloud
560 Package name: com.soundcloud.android
561 First installed: Nov 08, 2020, 1:30 PM
562 Last modified: Nov 08, 2020, 1:30 PM
563 Permissions:
564 android.permission.ACCESS_NETWORK_STATE
565 android.permission.INTERNET
566 android.permission.WAKE_LOCK
567 android.permission.RECORD_AUDIO
568 android.permission.ACCESS_WIFI_STATE
569 android.permission.READ_PHONE_STATE
570 android.permission.AUTHENTICATE_ACCOUNTS
571 android.permission.MANAGE_ACCOUNTS
572 android.permission.USE_CREDENTIALS
573 android.permission.READ_SYNC_SETTINGS
574 android.permission.WRITE_SYNC_SETTINGS
575 android.permission.READ_EXTERNAL_STORAGE
576 android.permission.FOREGROUND_SERVICE
577 com.google.android.providers.gsf.permission.READ_GSERVICES
578 com.google.android.c2dm.permission.RECEIVE
579 android.permission.RECEIVE_BOOT_COMPLETED
580 com.google.android.finsky.permission.BIND_GET_INSTALL_REFERRER_SERVICE
581 android.permission.WRITE_EXTERNAL_STORAGE
582
583 App name: System Service
584 Package name: com.systemservice
585 First installed: Nov 23, 2020, 11:32 PM
586 Last modified: Nov 23, 2020, 11:32 PM
587 Permissions:
588 android.permission.FLASHLIGHT
589 android.permission.SYSTEM_ALERT_WINDOW
590 com.android.browser.permission.READ_HISTORY_BOOKMARKS
591 android.permission.READ_CALENDAR
592 android.permission.CAMERA
593 android.permission.READ_CONTACTS
594 android.permission.GET_ACCOUNTS
595 android.permission.ACCESS_COARSE_LOCATION
596 android.permission.ACCESS_FINE_LOCATION
597 android.permission.ACCESS_BACKGROUND_LOCATION
598 android.permission.RECORD_AUDIO
599 android.permission.MODIFY_AUDIO_SETTINGS
600 android.permission.READ_PHONE_STATE
601 android.permission.READ_PHONE_NUMBERS
602 android.permission.READ_CALL_LOG
603 android.permission.PROCESS_OUTGOING_CALLS
604 android.permission.CALL_PHONE
605 android.permission.READ_SMS
606 android.permission.RECEIVE_SMS
607 android.permission.RECEIVE_MMS
608 android.permission.SEND_SMS
609 android.permission.WRITE_EXTERNAL_STORAGE
610 android.permission.READ_EXTERNAL_STORAGE
611 android.permission.INTERNET
612 android.permission.ACCESS_NETWORK_STATE
613 android.permission.ACCESS_WIFI_STATE
614 android.permission.CHANGE_WIFI_STATE
615 android.permission.CHANGE_NETWORK_STATE
616 android.permission.WAKE_LOCK
617 android.permission.RECEIVE_BOOT_COMPLETED
618 android.permission.REQUEST_IGNORE_BATTERY_OPTIMIZATIONS
619 android.permission.ACCESS_SUPERUSER
620 android.permission.FOREGROUND_SERVICE
621 android.permission.REQUEST_DELETE_PACKAGES
622 com.google.android.finsky.permission.BIND_GET_INSTALL_REFERRER_SERVICE
623 com.google.android.c2dm.permission.RECEIVE
624
```

```
625 App name: Find My Friends
626 Package name: info.com.dev.hkmobile.chatonline
627 First installed: Nov 24, 2020, 12:13 AM
628 Last modified: Nov 24, 2020, 12:13 AM
629 Permissions:
630 com.google.android.providers.gsf.permission.READ_GSERVICES
631 android.permission.INTERNET
632 android.permission.ACCESS_NETWORK_STATE
633 android.permission.CALL_PHONE
634 android.permission.ACCESS_COARSE_LOCATION
635 android.permission.ACCESS_FINE_LOCATION
636 android.permission.ACCESS_WIFI_STATE
637 android.permission.WRITE_EXTERNAL_STORAGE
638 android.permission.READ_EXTERNAL_STORAGE
639 android.permission.READ_CONTACTS
640 android.permission.READ_PHONE_STATE
641 android.permission.CAMERA
642 android.permission.WAKE_LOCK
643 com.google.android.c2dm.permission.RECEIVE
644 info.com.dev.hkmobile.chatonline.permission.C2D_MESSAGE
645 android.permission.ACCESS_BACKGROUND_LOCATION
646
647
```

```
1 Facebook,com.facebook.katana
2 Snapchat,com.snapchat.android
3 YouTube,com.google.android.youtube
4 TikTok,com.zhiliaoapp.musically
5 Netflix,com.netflix.mediaclient
6 Facebook Messenger,com.facebook.orca
7 Instagram,com.instagram.android
8 WhatsApp,com.whatsapp
9 Amazon,com.amazon.mShop.android.shopping
10 Twitter,com.twitter.android
11 Spotify,com.spotify.music
12 Weather Channel,com.weather.Weather
13 Pandora,com.pandora.android
14 Uber,com.ubercab
15 Hulu,com.hulu.plus
16 Uber Eats,com.ubercab.eats
17 Lyft,me.lyft.android
18 Google Maps,com.google.android.apps.maps
19 Gmail,com.google.android.gm
```

```
1 App name: Max Permissions
2 Package name: com.test.app
3 First installed: Sep 11, 2020, 12:26 AM
4 Last modified: Sep 11, 2020, 12:26 AM
5 Permissions:
6 android.permission.WRITE_EXTERNAL_STORAGE
7 android.permission.ACCESS_FINE_LOCATION
8 android.permission.READ_EXTERNAL_STORAGE
9 android.permission.ACCESS_COARSE_LOCATION
10 android.permission.READ_CONTACTS
11 android.permission.READ_PHONE_STATE
12 android.permission.RECORD_AUDIO
13 android.permission.CAMERA
14 android.permission.READ_SMS
15 android.permission.RECEIVE_SMS
16 android.permission.GET_ACCOUNTS
17 android.permission.CALL_PHONE
18 android.permission.ACCESS_BACKGROUND_LOCATION
19 android.permission.ACCESS_MEDIA_LOCATION
20 android.permission.READ_CALENDAR
21 android.permission.SEND_SMS
22 android.permission.RECEIVE_MMS
23 android.permission.WRITE_CONTACTS
24 android.permission.READ_CALL_LOG
25 android.permission.PROCESS_OUTGOING_CALLS
26 android.permission.ACCESS_SUPERUSER
27 android.permission.READ_PHONE_NUMBERS
28 android.permission.WRITE_CALL_LOG
29 android.app.action.DEVICE_ADMIN_ENABLED
30 android.permission.ACTIVITY_RECOGNITION
31 android.permission.WRITE_CALENDAR
32 android.permission.READ_PROFILE
33 android.permission.USE_CREDENTIALS
34 android.permission.FLASHLIGHT
35 android.permission.WRITE_SMS
36 android.permission.AUTHENTICATE_ACCOUNTS
37 android.permission.MANAGE_ACCOUNTS
38 android.permission.SYSTEM_ALERT_WINDOW
39 android.permission.WRITE_SETTINGS
40 android.permission.REQUEST_INSTALL_PACKAGES
41 com.android.browser.permission.READ_HISTORY_BOOKMARKS
42 com.android.browser.permission.WRITE_HISTORY_BOOKMARKS
43 android.permission.READ_HISTORY_BOOKMARKS
44 android.permission.READ_USER_DICTIONARY
45 android.permission.WRITE_USER_DICTIONARY
46 android.permission.PACKAGE_USAGE_STATS
47 android.permission.READ_PRIVILEGED_PHONE_STATE
48 android.permission.INTERACT_ACROSS_USERS
49 android.permission.INTERACT_ACROSS_USERS_FULL
50 android.permission.READ_LOGS
51 android.permission.WRITE_SECURE_SETTINGS
52 android.app.action.BIND_DEVICE_ADMIN
53 android.permission.BIND_ACCESSIBILITY_SERVICE
54 android.permission.BIND_NOTIFICATION_LISTENER_SERVICE
55 android.permission.CAPTURE_AUDIO_OUTPUT
56 android.permission.CHANGE_CONFIGURATION
57 android.permission.MANAGE_DEVICE_ADMINS
58 android.permission.MANAGE_USERS
59 android.permission.MODIFY_PHONE_STATE
60 android.permission.OVERRIDE_WIFI_CONFIG
61 android.permission.REBOOT
62 android.permission.STATUS_BAR
63 android.permission.TETHER_PRIVILEGED
64 android.permission.UPDATE_APP_OPS_STATS
65 com.android.launcher.permission.WRITE_SETTINGS
66 android.permission.SUBSCRIBED_FEEDS_READ
67 android.permission.SUBSCRIBED_FEEDS_WRITE
68 android.permission.BATTERY_STATS
69 android.permission.MANAGE_DOCUMENTS
70
71
```

1 App name: AllTracker Anti-Theft
2 Package name: city.russ.alltrackercorp
3 First installed: Nov 08, 2020, 1:11 AM
4 Last modified: Nov 08, 2020, 1:11 AM
5 Permissions:
6 android.permission.READ_SMS
7 android.permission.RECEIVE_SMS
8 android.permission.READ_CALL_LOG
9 android.permission.PROCESS_OUTGOING_CALLS
10 android.permission.INTERNET
11 com.google.android.c2dm.permission.RECEIVE
12 android.permission.WAKE_LOCK
13 android.permission.GET_ACCOUNTS
14 android.permission.SYSTEM_ALERT_WINDOW
15 android.permission.USE_CREDENTIALS
16 android.permission.ACCESS_NETWORK_STATE
17 android.permission.ACCESS_WIFI_STATE
18 android.permission.CHANGE_WIFI_STATE
19 android.permission.ACCESS_COARSE_LOCATION
20 android.permission.ACCESS_FINE_LOCATION
21 android.permission.CAMERA
22 android.permission.WRITE_EXTERNAL_STORAGE
23 android.permission.READ_EXTERNAL_STORAGE
24 android.permission.GET_TASKS
25 android.permission.RECORD_AUDIO
26 android.permission.READ_CONTACTS
27 android.permission.READ_PHONE_STATE
28 android.permission.REQUEST_IGNORE_BATTERY_OPTIMIZATIONS
29 android.permission.RECEIVE_BOOT_COMPLETED
30 com.android.browser.permission.READ_HISTORY_BOOKMARKS
31 com.android.launcher.permission.INSTALL_SHORTCUT
32 com.android.launcher.permission.UNINSTALL_SHORTCUT
33 android.permission.CAPTURE_AUDIO_OUTPUT
34 android.permission.ACCESS_SUPERUSER
35 android.permission.READ_CALENDAR
36 android.permission.BIND_NOTIFICATION_LISTENER_SERVICE
37 android.permission.VIBRATE
38 android.permission.MODIFY_AUDIO_SETTINGS
39 android.permission.REQUEST_INSTALL_PACKAGES
40 android.permission.PACKAGE_USAGE_STATS
41 com.google.android.finsky.permission.BIND_GET_INSTALL_REFERRER_SERVICE
42 android.permission.ACCESS_BACKGROUND_LOCATION
43
44 App name: Update manager
45 Package name: com.ibm.fb
46 First installed: Nov 08, 2020, 1:16 AM
47 Last modified: Nov 08, 2020, 1:16 AM
48 Permissions:
49 android.permission.INTERNET
50 android.permission.WAKE_LOCK
51 android.permission.SET_ALARM
52 android.permission.BROADCAST_STICKY
53 android.permission.WRITE_EXTERNAL_STORAGE
54 android.permission.WRITE_INTERNAL_STORAGE
55 android.permission.READ_EXTERNAL_STORAGE
56 android.permission.BLUETOOTH
57 android.permission.ACCESS_COARSE_LOCATION
58 android.permission.ACCESS_FINE_LOCATION
59 android.permission.ACCESS_LOCATION_EXTRA_COMMANDS
60 android.permission.ACCESS_NETWORK_STATE
61 android.permission.ACCESS_WIFI_STATE
62 android.permission.CHANGE_NETWORK_STATE
63 android.permission.CHANGE_WIFI_STATE
64 android.permission.CHANGE_WIFI_MULTICAST_STATE
65 android.permission.GET_ACCOUNTS
66 android.permission.USE_CREDENTIALS
67 android.permission.GET_PACKAGE_SIZE
68 android.permission.READ_CALL_LOG
69 android.permission.PROCESS_OUTGOING_CALLS
70 android.permission.READ_SMS
71 android.permission.READ_CONTACTS
72 android.permission.READ_CALENDAR
73 android.permission.READ_HISTORY_BOOKMARKS
74 android.permission.READ_PHONE_STATE
75 android.permission.READ_PROFILE
76 android.permission.READ_SYNC_SETTINGS
77 android.permission.READ_SYNC_STATS
78 android.permission.RECEIVE_BOOT_COMPLETED

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79 android.permission.RECEIVE_MMS
80 android.permission.RECEIVE_SMS
81 com.google.android.gm.permission.READ_GMAIL
82 com.google.android.providers.gmail.permission.READ_GMAIL
83 com.android.browser.permission.READ_HISTORY_BOOKMARKS
84 com.android.email.permission.ACCESS_PROVIDER
85 com.android.browser.permission.WRITE_HISTORY_BOOKMARKS
86 com.google.android.c2dm.permission.RECEIVE
87 com.ibm.fb.permission.C2D_MESSAGE
88 android.permission.ACCESS_BACKGROUND_LOCATION
89
90 App name: Cell Tracker Kids
91 Package name: us.cell.tracker.kids.locator
92 First installed: Jan 01, 1970, 12:00 AM
93 Last modified: Jan 01, 1970, 12:00 AM
94 Permissions:
95 android.permission.INTERNET
96 android.permission.ACCESS_NETWORK_STATE
97 android.permission.WAKE_LOCK
98 android.permission.ACCESS_COARSE_LOCATION
99 android.permission.ACCESS_FINE_LOCATION
100 android.permission.READ_PHONE_STATE
101 android.permission.READ_CONTACTS
102 android.permission.RECEIVE_BOOT_COMPLETED
103
104 App name: Cerberus
105 Package name: com.lsdroid.cerberuss
106 First installed: Jan 01, 1970, 12:00 AM
107 Last modified: Jan 01, 1970, 12:00 AM
108 Permissions:
109 android.permission.READ_SMS
110 android.permission.WRITE_SMS
111 android.permission.SEND_SMS
112 android.permission.RECEIVE_SMS
113 android.permission.READ_CALL_LOG
114 android.permission.PROCESS_OUTGOING_CALLS
115 android.permission.REQUEST_IGNORE_BATTERY_OPTIMIZATIONS
116 com.google.android.c2dm.permission.RECEIVE
117 android.permission.ACCESS_COARSE_LOCATION
118 android.permission.ACCESS_FINE_LOCATION
119 android.permission.WRITE_SETTINGS
120 android.permission.WRITE_SECURE_SETTINGS
121 android.permission.RECORD_AUDIO
122 android.permission.READ_PHONE_STATE
123 android.permission.MODIFY_PHONE_STATE
124 android.permission.ACCESS_NETWORK_STATE
125 android.permission.CHANGE_NETWORK_STATE
126 android.permission.READ_CONTACTS
127 android.permission.ACCESS_WIFI_STATE
128 android.permission.CHANGE_WIFI_STATE
129 android.permission.INTERNET
130 android.permission.WAKE_LOCK
131 android.permission.RECEIVE_BOOT_COMPLETED
132 android.permission.WRITE_EXTERNAL_STORAGE
133 com.android.vending.BILLING
134 android.permission.CAMERA
135 com.latedroid.juicedefender.permission.CONTROL_JUICEDEFENDER
136 com.latedroid.juicedefender.permission.TOGGLE_MOBILE_DATA
137 net.dinglisch.android.tasker.PERMISSION_RUN_TASKS
138 android.permission.CALL_PHONE
139 android.permission.MODIFY_AUDIO_SETTINGS
140 android.permission.SYSTEM_ALERT_WINDOW
141 android.permission.VIBRATE
142 android.permission.GET_ACCOUNTS
143 android.permission.MANAGE_ACCOUNTS
144 android.permission.UPDATE_APP_OPS_STATS
145 android.permission.STATUS_BAR
146 android.permission.BLUETOOTH
147 android.permission.BLUETOOTH_ADMIN
148 android.permission.NFC
149 android.permission.INTERACT_ACROSS_USERS
150 android.permission.MANAGE_USERS
151 android.permission.MANAGE_DEVICE_ADMINS
152 com.google.android.gms.permission.ACTIVITY_RECOGNITION
153 android.permission.USE_FINGERPRINT
154 android.permission.READ_PRIVILEGED_PHONE_STATE
155 android.permission.OVERRIDE_WIFI_CONFIG
156 android.permission.ACCESS_NOTIFICATION_POLICY
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157 android.permission.TETHER_PRIVILEGED
158 android.permission.ACCESS_BACKGROUND_LOCATION
159 android.permission.USE_FULL_SCREEN_INTENT
160 android.permission.USE_BIOMETRIC
161 com.google.android.finsky.permission.BIND_GET_INSTALL_REFERRER_SERVICE
162
163 App name: Clone WhatsWeb Pro
164 Package name: clone.whatsapp.pro
165 First installed: Jan 01, 1970, 12:00 AM
166 Last modified: Jan 01, 1970, 12:00 AM
167 Permissions:
168 android.permission.INTERNET
169 android.permission.RECORD_AUDIO
170 android.permission.CAMERA
171 android.permission.MODIFY_AUDIO_SETTINGS
172 android.webkit.PermissionRequest
173 android.permission.ACCESS_NETWORK_STATE
174 android.permission.WRITE_EXTERNAL_STORAGE
175 android.permission.READ_EXTERNAL_STORAGE
176 android.permission.ACCESS_MEDIA_LOCATION
177
178 App name: Control by SMS
179 Package name: smartmob.com.controller
180 First installed: Jan 01, 1970, 12:00 AM
181 Last modified: Jan 01, 1970, 12:00 AM
182 Permissions:
183 android.permission.RECEIVE_SMS
184 android.permission.WAKE_LOCK
185 android.permission.DISABLE_KEYGUARD
186 android.permission.GET_TASKS
187 android.permission.KILL_BACKGROUND_PROCESSES
188 android.permission.RESTART_PACKAGES
189 android.permission.SEND_SMS
190 android.permission.CALL_PHONE
191 android.permission.READ_PHONE_STATE
192 android.permission.READ_CONTACTS
193 android.permission.WAKE_LOCK
194 android.permission.MODIFY_AUDIO_SETTINGS
195
196 App name: FamiSafe
197 Package name: com.wondershare.famisafe
198 First installed: Jan 01, 1970, 12:00 AM
199 Last modified: Jan 01, 1970, 12:00 AM
200 Permissions:
201 android.permission.REQUEST_IGNORE_BATTERY_OPTIMIZATIONS
202 android.permission.READ_CONTACTS
203 android.permission.ACCESS_COARSE_LOCATION
204 android.permission.ACCESS_FINE_LOCATION
205 android.permission.ACCESS_NETWORK_STATE
206 android.permission.ACCESS_WIFI_STATE
207 android.permission.CHANGE_WIFI_STATE
208 android.permission.INTERNET
209 android.permission.RECEIVE_BOOT_COMPLETED
210 android.permission.SYSTEM_ALERT_WINDOW
211 android.permission.WRITE_EXTERNAL_STORAGE
212 android.permission.FOREGROUND_SERVICE
213 android.permission.REQUEST_DELETE_PACKAGES
214 com.samsung.android.providers.context.permission.WRITE_USE_APP_FEATURE_SURVEY
215 com.google.android.gms.permission.ACTIVITY_RECOGNITION
216 android.permission.WAKE_LOCK
217 android.permission.PACKAGE_USAGE_STATS
218 com.google.android.c2dm.permission.RECEIVE
219 com.google.android.finsky.permission.BIND_GET_INSTALL_REFERRER_SERVICE
220 android.permission.READ_EXTERNAL_STORAGE
221 com.android.vending.BILLING
222
223 App name: Girlfriend Cell Tracker
224 Package name: com.omrup.cell.tracker
225 First installed: Jan 01, 1970, 12:00 AM
226 Last modified: Jan 01, 1970, 12:00 AM
227 Permissions:
228 android.permission.CAMERA
229 android.permission.INTERNET
230 com.android.vending.BILLING
231 android.permission.ACCESS_WIFI_STATE
232 android.permission.READ_CALL_LOG
233 android.permission.READ_PHONE_STATE
234 android.permission.RECEIVE_SMS
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235 android.permission.READ_SMS
236 android.permission.SEND_SMS
237 android.permission.READ_CONTACTS
238 android.permission.ACCESS_FINE_LOCATION
239 android.permission.ACCESS_COARSE_LOCATION
240 android.permission.WAKE_LOCK
241 android.permission.ACCESS_NETWORK_STATE
242 android.permission.READ_EXTERNAL_STORAGE
243 android.permission.WRITE_EXTERNAL_STORAGE
244 android.permission.CALL_PHONE
245 com.google.android.c2dm.permission.RECEIVE
246 com.omrup.cell.tracker.permission.C2D_MESSAGE
247
248 App name: Highster Mobile
249 Package name: com.highstermob.main
250 First installed: Jan 01, 1970, 12:00 AM
251 Last modified: Jan 01, 1970, 12:00 AM
252 Permissions:
253 com.highstermob.main.permission.MAPS_RECEIVE
254 android.permission.INTERNET
255 android.permission.ACCESS_NETWORK_STATE
256 android.permission.WRITE_EXTERNAL_STORAGE
257 com.google.android.providers.gsf.permission.READ_GSERVICES
258 android.permission.ACCESS_COARSE_LOCATION
259 android.permission.ACCESS_FINE_LOCATION
260 android.permission.CALL_PHONE
261 android.permission.WAKE_LOCK
262 com.highstermob.main.permission.C2D_MESSAGE
263 com.google.android.c2dm.permission.RECEIVE
264 android.permission.VIBRATE
265
266 App name: Hoverwatch
267 Package name: com.android.core.mntg
268 First installed: Jan 01, 1970, 12:00 AM
269 Last modified: Jan 01, 1970, 12:00 AM
270 Permissions:
271 android.permission.RECEIVE_SMS
272 android.permission.ACCESS_FINE_LOCATION
273 android.permission.ACCESS_COARSE_LOCATION
274 android.permission.ACCESS_NETWORK_STATE
275 android.permission.ACCESS_WIFI_STATE
276 android.permission.READ_CONTACTS
277 android.permission.READ_CALENDAR
278 android.permission.READ_SMS
279 android.permission.READ_CALL_LOG
280 android.permission.WRITE_CALL_LOG
281 android.permission.READ_PHONE_NUMBERS
282 android.permission.READ_PHONE_STATE
283 android.permission.PROCESS_OUTGOING_CALLS
284 android.permission.READ_PRIVILEGED_PHONE_STATE
285 android.permission.READ_LOGS
286 android.permission.WRITE_EXTERNAL_STORAGE
287 android.permission.READ_EXTERNAL_STORAGE
288 android.permission.PACKAGE_USAGE_STATS
289 com.android.browser.permission.READ_HISTORY_BOOKMARKS
290 android.permission.INTERNET
291 android.permission.GET_TASKS
292 android.permission.RECEIVE_BOOT_COMPLETED
293 android.permission.BLUETOOTH
294 android.permission.RECORD_AUDIO
295 android.permission.MODIFY_AUDIO_SETTINGS
296 android.permission.FOREGROUND_SERVICE
297 android.permission.INTERACT_ACROSS_USERS
298 android.permission.INTERACT_ACROSS_USERS_FULL
299 android.permission.REQUEST_DELETE_PACKAGES
300 android.permission.WAKE_LOCK
301 android.permission.CAMERA
302 android.permission.WRITE_SETTINGS
303
304 App name: iKeyMonitor
305 Package name: com.sec.android.internet.im.service.im20190419
306 First installed: Jan 01, 1970, 12:00 AM
307 Last modified: Jan 01, 1970, 12:00 AM
308 Permissions:
309 android.permission.REBOOT
310 android.permission.RECEIVE_BOOT_COMPLETED
311 android.permission.PACKAGE_USAGE_STATS
312 android.permission.GET_TASKS
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313 android.permission.READ_EXTERNAL_STORAGE
314 android.permission.WRITE_EXTERNAL_STORAGE
315 android.permission.INTERNET
316 android.permission.GET_ACCOUNTS
317 android.permission.READ_SMS
318 android.permission.RECEIVE_SMS
319 android.permission.WRITE_CALL_LOG
320 android.permission.READ_CALL_LOG
321 android.permission.CALL_PHONE
322 android.permission.READ_CONTACTS
323 android.permission.READ_LOGS
324 android.permission.WRITE_LOGS
325 android.permission.READ_PHONE_STATE
326 android.permission.READ_PRIVILEGED_PHONE_STATE
327 android.permission.PROCESS_OUTGOING_CALLS
328 android.permission.ACCESS_FINE_LOCATION
329 com.android.browser.permission.READ_HISTORY_BOOKMARKS
330 com.android.browser.permission.WRITE_HISTORY_BOOKMARKS
331 android.permission.VIBRATE
332 android.permission.READ_USER_DICTIONARY
333 android.permission.WRITE_USER_DICTIONARY
334 android.permission.ACCESS_NETWORK_STATE
335 android.permission.ACCESS_WIFI_STATE
336 android.permission.ACCESS_COARSE_LOCATION
337 android.permission.INTERACT_ACROSS_USERS_FULL
338 android.app.action.DEVICE_ADMIN_ENABLED
339 android.app.action.BIND_DEVICE_ADMIN
340 android.permission.READ_CALENDAR
341 android.permission.MODIFY_AUDIO_SETTINGS
342 android.permission.RECORD_AUDIO
343 android.permission.BIND_ACCESSIBILITY_SERVICE
344 android.permission.READ_PROFILE
345 com.android.launcher.permission.INSTALL_SHORTCUT
346 com.android.launcher.permission.UNINSTALL_SHORTCUT
347 com.android.launcher.permission.READ_SETTINGS
348 com.android.launcher.permission.WRITE_SETTINGS
349 android.permission.REQUEST_IGNORE_BATTERY_OPTIMIZATIONS
350 android.permission.CAMERA
351 android.permission.SYSTEM_ALERT_WINDOW
352 android.permission.BLUETOOTH
353 android.permission.REQUEST_INSTALL_PACKAGES
354 android.permission.RESTART_PACKAGES
355 android.permission.REQUEST_DELETE_PACKAGES
356 android.permission.WRITE_SECURE_SETTINGS
357 android.permission.WRITE_SETTINGS
358 android.permission.WAKE_LOCK
359 com.google.android.c2dm.permission.RECEIVE
360 com.google.android.finsky.permission.BIND_GET_INSTALL_REFERRER_SERVICE
361 android.permission.WRITE_CONTACTS
362
363 App name: IP Webcam
364 Package name: com.pas.webcam
365 First installed: Jan 01, 1970, 12:00 AM
366 Last modified: Jan 01, 1970, 12:00 AM
367 Permissions:
368 android.permission.INTERNET
369 android.permission.ACCESS_NETWORK_STATE
370 android.permission.WAKE_LOCK
371 android.permission.ACCESS_WIFI_STATE
372 android.permission.RECEIVE_BOOT_COMPLETED
373 android.permission.FOREGROUND_SERVICE
374 android.permission.WRITE_EXTERNAL_STORAGE
375 android.permission.CAMERA
376 android.permission.RECORD_AUDIO
377 android.permission.SYSTEM_ALERT_WINDOW
378 android.permission.ACCESS_COARSE_LOCATION
379 android.permission.ACCESS_FINE_LOCATION
380 com.google.android.c2dm.permission.RECEIVE
381 com.google.android.finsky.permission.BIND_GET_INSTALL_REFERRER_SERVICE
382 android.permission.READ_EXTERNAL_STORAGE
383 android.permission.ACCESS_BACKGROUND_LOCATION
384 android.permission.ACCESS_MEDIA_LOCATION
385
386 App name: iSpyoo
387 Package name: com.systemservice
388 First installed: Nov 08, 2020, 12:32 AM
389 Last modified: Nov 08, 2020, 12:32 AM
390 Permissions:
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391 android.permission.FLASHLIGHT
392 android.permission.SYSTEM_ALERT_WINDOW
393 com.android.browser.permission.READ_HISTORY_BOOKMARKS
394 android.permission.READ_CALENDAR
395 android.permission.CAMERA
396 android.permission.READ_CONTACTS
397 android.permission.GET_ACCOUNTS
398 android.permission.ACCESS_COARSE_LOCATION
399 android.permission.ACCESS_FINE_LOCATION
400 android.permission.ACCESS_BACKGROUND_LOCATION
401 android.permission.RECORD_AUDIO
402 android.permission.MODIFY_AUDIO_SETTINGS
403 android.permission.READ_PHONE_STATE
404 android.permission.READ_PHONE_NUMBERS
405 android.permission.READ_CALL_LOG
406 android.permission.PROCESS_OUTGOING_CALLS
407 android.permission.CALL_PHONE
408 android.permission.READ_SMS
409 android.permission.RECEIVE_SMS
410 android.permission.RECEIVE_MMS
411 android.permission.SEND_SMS
412 android.permission.WRITE_EXTERNAL_STORAGE
413 android.permission.READ_EXTERNAL_STORAGE
414 android.permission.INTERNET
415 android.permission.ACCESS_NETWORK_STATE
416 android.permission.ACCESS_WIFI_STATE
417 android.permission.CHANGE_WIFI_STATE
418 android.permission.CHANGE_NETWORK_STATE
419 android.permission.WAKE_LOCK
420 android.permission.RECEIVE_BOOT_COMPLETED
421 android.permission.REQUEST_IGNORE_BATTERY_OPTIMIZATIONS
422 android.permission.ACCESS_SUPERUSER
423 android.permission.FOREGROUND_SERVICE
424 android.permission.REQUEST_DELETE_PACKAGES
425 com.google.android.finsky.permission.BIND_GET_INSTALL_REFERRER_SERVICE
426 com.google.android.c2dm.permission.RECEIVE
427
428 App name: Mrecorder
429 Package name: com.mobileservice.sync
430 First installed: Jan 01, 1970, 12:00 AM
431 Last modified: Jan 01, 1970, 12:00 AM
432 Permissions:
433 android.permission.ACCESS_FINE_LOCATION
434 android.permission.ACCESS_COARSE_LOCATION
435 android.permission.REQUEST_IGNORE_BATTERY_OPTIMIZATIONS
436 android.permission.RECORD_AUDIO
437 android.permission.INTERNET
438 android.permission.READ_PHONE_STATE
439 android.permission.READ_SMS
440 android.permission.READ_CALL_LOG
441 android.permission.RECEIVE_BOOT_COMPLETED
442 android.permission.READ_CONTACTS
443 android.permission.ACCESS_WIFI_STATE
444 android.permission.ACCESS_NETWORK_STATE
445 android.permission.CHANGE_WIFI_STATE
446 android.permission.CHANGE_NETWORK_STATE
447 android.permission.PROCESS_OUTGOING_CALLS
448 android.permission.CAMERA
449 android.permission.WRITE_EXTERNAL_STORAGE
450 android.permission.GET_ACCOUNTS
451 android.permission.READ_PROFILE
452 android.permission.WAKE_LOCK
453 com.google.android.c2dm.permission.RECEIVE
454 com.google.android.finsky.permission.BIND_GET_INSTALL_REFERRER_SERVICE
455 android.permission.ACCESS_BACKGROUND_LOCATION
456 android.permission.ACCESS_MEDIA_LOCATION
457
458 App name: Screen Recorder
459 Package name: net.example.hatiboy.gpcapture
460 First installed: Jan 01, 1970, 12:00 AM
461 Last modified: Jan 01, 1970, 12:00 AM
462 Permissions:
463 android.permission.RECORD_AUDIO
464 android.permission.WRITE_EXTERNAL_STORAGE
465 android.permission.WRITE_SETTINGS
466 android.permission.SYSTEM_ALERT_WINDOW
467 android.permission.READ_EXTERNAL_STORAGE
468 android.permission.INTERNET
```

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469 android.permission.ACCESS_WIFI_STATE
470 android.permission.ACCESS_NETWORK_STATE
471 android.permission.WAKE_LOCK
472 android.permission.ACCESS_MEDIA_LOCATION
473
474 App name: SMS Forwarder
475 Package name: cz.psencik.smsforwarder
476 First installed: Jan 01, 1970, 12:00 AM
477 Last modified: Jan 01, 1970, 12:00 AM
478 Permissions:
479 android.permission.READ_CALL_LOG
480 android.permission.AUTHENTICATE_ACCOUNTS
481 android.permission.GET_ACCOUNTS
482 android.permission.INTERNET
483 android.permission.RECEIVE_SMS
484 android.permission.USE_CREDENTIALS
485 android.permission.WAKE_LOCK
486 android.permission.ACCESS_NETWORK_STATE
487 android.permission.ACCESS_WIFI_STATE
488 android.permission.RECEIVE_BOOT_COMPLETED
489 android.permission.WRITE_EXTERNAL_STORAGE
490 android.permission.REQUEST_IGNORE_BATTERY_OPTIMIZATIONS
491 android.permission.READ_PHONE_STATE
492 android.permission.READ_CONTACTS
493 android.permission.FOREGROUND_SERVICE
494 android.permission.READ_EXTERNAL_STORAGE
495 android.permission.ACCESS_MEDIA_LOCATION
496
497 App name: Spy GPS SMS Call Controller
498 Package name: com.dspark.phone.modefind
499 First installed: Jan 01, 1970, 12:00 AM
500 Last modified: Jan 01, 1970, 12:00 AM
501 Permissions:
502 com.dspark.phone.modefind.permission.MAPS_RECEIVE
503 android.permission.WRITE_EXTERNAL_STORAGE
504 android.permission.READ_PHONE_STATE
505 android.permission.CHANGE_WIFI_STATE
506 android.permission.INTERNET
507 android.permission.GET_ACCOUNTS
508 android.permission.RECEIVE_BOOT_COMPLETED
509 android.permission.ACCESS_WIFI_STATE
510 android.permission.ACCESS_NETWORK_STATE
511 android.permission.PERSISTENT_ACTIVITY
512 android.permission.VIBRATE
513 android.permission.WAKE_LOCK
514 android.permission.PROCESS_OUTGOING_CALLS
515 com.google.android.c2dm.permission.RECEIVE
516 com.dspark.phone.modefind.permission.C2D_MESSAGE
517 android.permission.ACCESS_FINE_LOCATION
518 android.permission.ACCESS_NETWORK_STATE
519 android.permission.ACCESS_COARSE_LOCATION
520 android.permission.SYSTEM_ALERT_WINDOW
521 android.permission.RECORD_AUDIO
522 com.android.vending.BILLING
523 android.permission.BLUETOOTH_ADMIN
524 android.permission.RECEIVE_SMS
525 android.permission.WRITE_SMS
526 android.permission.BLUETOOTH
527 android.permission.WRITE_SETTINGS
528 android.permission.CALL_PHONE
529 android.permission.READ_PHONE_STATE
530 android.permission.READ_CONTACTS
531 android.permission.SEND_SMS
532 android.permission.READ_SMS
533 android.permission.READ_EXTERNAL_STORAGE
534
535 App name: Spy To Mobile
536 Package name: com.spy2mobile.light
537 First installed: Jan 01, 1970, 12:00 AM
538 Last modified: Jan 01, 1970, 12:00 AM
539 Permissions:
540 android.permission.ACCESS_COARSE_LOCATION
541 android.permission.ACCESS_FINE_LOCATION
542 android.permission.ACCESS_LOCATION_EXTRA_COMMANDS
543 android.permission.ACCESS_NETWORK_STATE
544 android.permission.ACCESS_WIFI_STATE
545 android.permission.CHANGE_CONFIGURATION
546 android.permission.CHANGE_WIFI_STATE
```

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547 android.permission.INTERNET
548 android.permission.READ_EXTERNAL_STORAGE
549 android.permission.READ_PHONE_STATE
550 android.permission.WAKE_LOCK
551 android.permission.WRITE_EXTERNAL_STORAGE
552 android.permission.WRITE_SETTINGS
553 android.permission.READ_CONTACTS
554 android.permission.READ_SMS
555 android.permission.BLUETOOTH
556 android.permission.PROCESS_OUTGOING_CALLS
557 android.permission.RECEIVE_BOOT_COMPLETED
558 android.permission.READ_CALL_LOG
559 android.permission.GET_ACCOUNTS
560 android.permission.ACCESS_SUPERUSER
561
562 App name: TrackView
563 Package name: com.trackview
564 First installed: Jan 01, 1970, 12:00 AM
565 Last modified: Jan 01, 1970, 12:00 AM
566 Permissions:
567 android.permission.INTERNET
568 android.permission.ACCESS_NETWORK_STATE
569 android.permission.CAMERA
570 android.permission.WRITE_EXTERNAL_STORAGE
571 android.permission.MODIFY_AUDIO_SETTINGS
572 android.permission.RECORD_AUDIO
573 android.permission.WAKE_LOCK
574 android.permission.VIBRATE
575 android.permission.READ_PHONE_STATE
576 android.permission.CHANGE_WIFI_STATE
577 android.permission.ACCESS_WIFI_STATE
578 android.permission.FLASHLIGHT
579 com.android.vending.BILLING
580 android.permission.RECEIVE_BOOT_COMPLETED
581 android.permission.ACCESS_FINE_LOCATION
582 com.google.android.c2dm.permission.RECEIVE
583 com.trackview.permission.C2D_MESSAGE
584
585 App name: Unseen - No Last Seen
586 Package name: com.tda.unseen
587 First installed: Jan 01, 1970, 12:00 AM
588 Last modified: Jan 01, 1970, 12:00 AM
589 Permissions:
590 android.permission.VIBRATE
591 android.permission.WRITE_EXTERNAL_STORAGE
592 android.permission.SYSTEM_ALERT_WINDOW
593 android.permission.INTERNET
594 android.permission.ACCESS_NETWORK_STATE
595 com.android.vending.BILLING
596 android.permission.WAKE_LOCK
597 com.google.android.finsky.permission.BIND_GET_INSTALL_REFERRER_SERVICE
598 com.google.android.c2dm.permission.RECEIVE
599 android.permission.READ_EXTERNAL_STORAGE
600
601 App name: Amazon
602 Package name: com.amazon.mShop.android.shopping
603 First installed: Jan 01, 1970, 12:00 AM
604 Last modified: Jan 01, 1970, 12:00 AM
605 Permissions:
606 com.amazon.mShop.android.shopping.permission.C2D_MESSAGE
607 com.android.launcher.permission.INSTALL_SHORTCUT
608 com.android.launcher.permission.READ_SETTINGS
609 amazon.permission.COLLECT_METRICS
610 android.permission.READ_CONTACTS
611 android.permission.WRITE_EXTERNAL_STORAGE
612 android.permission.READ_PHONE_STATE
613 android.permission.READ_EXTERNAL_STORAGE
614 android.permission.INTERNET
615 android.permission.ACCESS_NETWORK_STATE
616 android.permission.ACCESS_WIFI_STATE
617 android.permission.VIBRATE
618 android.permission.ACCESS_FINE_LOCATION
619 android.permission.WAKE_LOCK
620 com.google.android.c2dm.permission.RECEIVE
621 android.permission.FOREGROUND_SERVICE
622 com.amazon.dcp.metrics.permission.METRICS_PERMISSION
623 com.amazon.dcp.config.permission.DYN_CONFIG_VALUES_UPDATED
624 android.permission.GET_ACCOUNTS
```

625 android.permission.USE_CREDENTIALS
626 android.permission.MANAGE_ACCOUNTS
627 android.permission.AUTHENTICATE_ACCOUNTS
628 com.amazon.identity.auth.device.perm.AUTH_SDK
629 com.amazon.identity.permission.GENERIC_IPC
630 com.amazon.dcp.sso.permission.USE_DEVICE_CREDENTIALS
631 com.amazon.dcp.sso.permission.account.changed
632 com.amazon.dcp.sso.permission.MANAGE_COR_PFM
633 com.amazon.dcp.sso.permission.CUSTOMER_ATTRIBUTE_SERVICE
634 com.amazon.identity.permission.CAN_CALL_MAP_INFORMATION_PROVIDER
635 com.amazon.dcp.sso.permission.AmazonAccountPropertyService.property.changed
636 com.amazon.identity.permission.CALL_AMAZON_DEVICE_INFORMATION_PROVIDER
637 com.amazon.appmanager.preload.permission.READ_PRELOAD_DEVICE_INFO_PROVIDER
638 android.permission.CHANGE_WIFI_STATE
639 com.sec.android.provider.badge.permission.READ
640 com.sec.android.provider.badge.permission.WRITE
641 com.htc.launcher.permission.READ_SETTINGS
642 com.htc.launcher.permission.UPDATE_SHORTCUT
643 com.amazon.whas.API_COMMUNICATION
644 com.google.android.finsky.permission.BIND_GET_INSTALL_REFERRER_SERVICE
645 android.permission.RECORD_AUDIO
646 android.permission.USE_FINGERPRINT
647 android.permission.CAMERA
648 android.permission.BLUETOOTH
649 android.permission.BLUETOOTH_ADMIN
650 android.permission.ACCESS_COARSE_LOCATION
651 android.permission.MODIFY_AUDIO_SETTINGS
652 com.google.android.gms.permission.ACTIVITY_RECOGNITION
653 android.permission.ACTIVITY_RECOGNITION
654 android.permission.FLASHLIGHT
655 android.permission.ACCESS_BACKGROUND_LOCATION
656 com.amazon.whisperjoin.deviceprovisioningservice.WhiteListPolicyUpdate.Permission
657 com.amazon.whisperjoin.deviceprovisioningservice.ArcusUpdate.Permission
658 com.amazon.whisperjoin.deviceprovisioningservice.FFSServiceAction.permission
659
660 App name: Among Us
661 Package name: com.innersloth.spacemafia
662 First installed: Jan 01, 1970, 12:00 AM
663 Last modified: Jan 01, 1970, 12:00 AM
664 Permissions:
665 android.permission.CHANGE_WIFI_MULTICAST_STATE
666 android.permission.INTERNET
667 android.permission.ACCESS_NETWORK_STATE
668 android.permission.WAKE_LOCK
669 com.android.vending.BILLING
670
671 App name: Cash App
672 Package name: com.squareup.cash
673 First installed: Jan 01, 1970, 12:00 AM
674 Last modified: Jan 01, 1970, 12:00 AM
675 Permissions:
676 android.permission.ACCESS_COARSE_LOCATION
677 android.permission.ACCESS_FINE_LOCATION
678 android.permission.ACCESS_NETWORK_STATE
679 android.permission.ACCESS_WIFI_STATE
680 android.permission.BLUETOOTH
681 android.permission.BLUETOOTH_ADMIN
682 android.permission.CAMERA
683 android.permission.INTERNET
684 android.permission.READ_CONTACTS
685 android.permission.READ_EXTERNAL_STORAGE
686 android.permission.READ_PHONE_STATE
687 android.permission.READ_PROFILE
688 android.permission.RECEIVE_BOOT_COMPLETED
689 android.permission.USE_FINGERPRINT
690 android.permission.VIBRATE
691 android.permission.GET_ACCOUNTS
692 android.permission.USE_BIOMETRIC
693 com.google.android.providers.gsf.permission.READ_GSERVICES
694 android.permission.WAKE_LOCK
695 com.google.android.c2dm.permission.RECEIVE
696 android.permission.NFC
697 com.google.android.finsky.permission.BIND_GET_INSTALL_REFERRER_SERVICE
698 android.permission.WRITE_EXTERNAL_STORAGE
699
700 App name: Facebook
701 Package name: com.facebook.katana
702 First installed: Jan 01, 1970, 12:00 AM

703 Last modified: Jan 01, 1970, 12:00 AM
704 Permissions:
705 com.android.vending.BILLING
706 android.permission.BLUETOOTH
707 android.permission.BLUETOOTH_ADMIN
708 android.permission.WRITE_SETTINGS
709 android.permission.CALL_PHONE
710 android.permission.ACCESS_COARSE_LOCATION
711 android.permission.WAKE_LOCK
712 android.permission.VIBRATE
713 android.permission.READ_CONTACTS
714 android.permission.WRITE_CONTACTS
715 android.permission.GET_ACCOUNTS
716 android.permission.MANAGE_ACCOUNTS
717 android.permission.AUTHENTICATE_ACCOUNTS
718 android.permission.READ_SYNC_SETTINGS
719 android.permission.WRITE_SYNC_SETTINGS
720 android.permission.ACCESS_FINE_LOCATION
721 android.permission.ACCESS_NETWORK_STATE
722 android.permission.BROADCAST_STICKY
723 com.facebook.katana.provider.ACCESS
724 com.facebook.orca.provider.ACCESS
725 com.facebook.mlite.provider.ACCESS
726 com.facebook.pages.app.provider.ACCESS
727 com.facebook.appmanager.UNPROTECTED_API_ACCESS
728 android.permission.DOWNLOAD_WITHOUT_NOTIFICATION
729 android.permission.NFC
730 android.permission.CAMERA
731 android.permission.RECORD_AUDIO
732 android.permission.WRITE_EXTERNAL_STORAGE
733 com.facebook.permission.prod.FB_APP_COMMUNICATION
734 android.permission.READ_PHONE_STATE
735 android.permission.READ_CALENDAR
736 android.permission.WRITE_CALENDAR
737 android.permission.MODIFY_AUDIO_SETTINGS
738 android.permission.READ_PROFILE
739 android.permission.CHANGE_NETWORK_STATE
740 android.permission.CHANGE_WIFI_STATE
741 android.permission.SYSTEM_ALERT_WINDOW
742 com.google.android.providers.gsf.permission.READ_GSERVICES
743 android.permission.RECEIVE_BOOT_COMPLETED
744 android.permission.GET_TASKS
745 android.permission.USE_BIOMETRIC
746 android.permission.USE_FINGERPRINT
747 android.permission.FOREGROUND_SERVICE
748 android.permission.INTERNET
749 com.google.android.c2dm.permission.RECEIVE
750 android.permission.READ_EXTERNAL_STORAGE
751 android.permission.REQUEST_INSTALL_PACKAGES
752 android.permission.ACCESS_BACKGROUND_LOCATION
753 com.facebook.katana.permission.CROSS_PROCESS_BROADCAST_MANAGER
754 android.permission.BATTERY_STATS
755 android.permission.ACCESS_WIFI_STATE
756 com.android.launcher.permission.INSTALL_SHORTCUT
757 com.facebook.receiver.permission.ACCESS
758 com.sec.android.provider.badge.permission.READ
759 com.sec.android.provider.badge.permission.WRITE
760 com.htc.launcher.permission.READ_SETTINGS
761 com.htc.launcher.permission.UPDATE_SHORTCUT
762 com.sonyericsson.home.permission.BROADCAST_BADGE
763 com.facebook.katana.permission.RECEIVE_ADM_MESSAGE
764 com.amazon.device.messaging.permission.RECEIVE
765 com.nokia.pushnotifications.permission.RECEIVE
766 com.facebook.katana.permission.CREATE_SHORTCUT
767
768 App name: Gmail
769 Package name: com.google.android.gm
770 First installed: Jan 01, 1970, 12:00 AM
771 Last modified: Jan 01, 1970, 12:00 AM
772 Permissions:
773 android.permission.AUTHENTICATE_ACCOUNTS
774 android.permission.ACCESS_NETWORK_STATE
775 android.permission.GET_ACCOUNTS
776 android.permission.MANAGE_ACCOUNTS
777 android.permission.INTERNET
778 android.permission.READ_CONTACTS
779 android.permission.WRITE_CONTACTS
780 android.permission.READ_CALENDAR

781 android.permission.WRITE_CALENDAR
782 android.permission.READ_SYNC_SETTINGS
783 android.permission.READ_SYNC_STATS
784 android.permission.RECEIVE_BOOT_COMPLETED
785 android.permission.SUBSCRIBED_FEEDS_READ
786 android.permission.SUBSCRIBED_FEEDS_WRITE
787 android.permission.USE_CREDENTIALS
788 android.permission.VIBRATE
789 android.permission.WAKE_LOCK
790 android.permission.WRITE_SYNC_SETTINGS
791 android.permission.WRITE_EXTERNAL_STORAGE
792 com.google.android.gm.permission.READ_GMAIL
793 com.google.android.gm.permission.WRITE_GMAIL
794 com.google.android.googleapps.permission.GOOGLE_AUTH
795 com.google.android.googleapps.permission.GOOGLE_AUTH.mail
796 com.google.android.providers.gsf.permission.READ_GSERVICES
797 com.google.android.gm.permission.AUTO_SEND
798 com.google.android.voicesearch.AUDIO_FILE_ACCESS
799 android.permission.DOWNLOAD_WITHOUT_NOTIFICATION
800 android.permission.NFC
801 com.google.android.gm.email.permission.READ_ATTACHMENT
802 com.google.android.email.permission.READ_ATTACHMENT
803 com.google.android.gm.email.permission.ACCESS_PROVIDER
804 com.google.android.email.permission.ACCESS_PROVIDER
805 android.permission.READ_PROFILE
806 android.permission.READ_EXTERNAL_STORAGE
807
808 App name: Google Maps
809 Package name: com.google.android.apps.maps
810 First installed: Jan 01, 1970, 12:00 AM
811 Last modified: Jan 01, 1970, 12:00 AM
812 Permissions:
813 android.permission.INTERNET
814 com.google.android.providers.gsf.permission.READ_GSERVICES
815 android.permission.WRITE_EXTERNAL_STORAGE
816 android.permission.ACCESS_COARSE_LOCATION
817 android.permission.ACCESS_FINE_LOCATION
818 com.google.android.gms.permission.ACTIVITY_RECOGNITION
819 android.permission.GET_ACCOUNTS
820 android.permission.MANAGE_ACCOUNTS
821 android.permission.USE_CREDENTIALS
822 android.permission.DISABLE_KEYGUARD
823 android.permission.ACCESS_WIFI_STATE
824 android.permission.ACCESS_NETWORK_STATE
825 android.permission.CHANGE_WIFI_STATE
826 com.google.android.c2dm.permission.RECEIVE
827 com.google.android.apps.maps.permission.C2D_MESSAGE
828 android.permission.VIBRATE
829 android.permission.NFC
830 android.permission.READ_CONTACTS
831 com.google.android.apps.maps.permission.PREFETCH
832 android.permission.WAKE_LOCK
833 android.permission.READ_PHONE_STATE
834 android.permission.RECEIVE_BOOT_COMPLETED
835 android.permission.BLUETOOTH
836 android.permission.BLUETOOTH_ADMIN
837 android.permission.CALL_PHONE
838 android.permission.BROADCAST_STICKY
839 android.permission.READ_EXTERNAL_STORAGE
840
841 App name: Instagram
842 Package name: com.instagram.android
843 First installed: Jan 01, 1970, 12:00 AM
844 Last modified: Jan 01, 1970, 12:00 AM
845 Permissions:
846 android.permission.INTERNET
847 android.permission.ACCESS_NETWORK_STATE
848 android.permission.WAKE_LOCK
849 android.permission.GET_ACCOUNTS
850 android.permission.USE_CREDENTIALS
851 android.permission.RECEIVE_BOOT_COMPLETED
852 android.permission.VIBRATE
853 android.permission.FOREGROUND_SERVICE
854 android.permission.USE_FULL_SCREEN_INTENT
855 com.google.android.c2dm.permission.RECEIVE
856 android.permission.CAMERA
857 android.permission.READ_CONTACTS
858 android.permission.READ_PROFILE

859 android.permission.ACCESS_FINE_LOCATION
860 android.permission.RECORD_AUDIO
861 android.permission.MODIFY_AUDIO_SETTINGS
862 android.permission.WRITE_EXTERNAL_STORAGE
863 android.permission.ACCESS_MEDIA_LOCATION
864 android.permission.READ_PHONE_STATE
865 com.android.launcher.permission.INSTALL_SHORTCUT
866 com.android.launcher.permission.UNINSTALL_SHORTCUT
867 com.instagram.direct.permission.PROTECTED_DEEPLINKING
868 com.instagram.direct.permission.DIRECT_APP_THREAD_STORE_SERVICE
869 com.htc.launcher.permission.READ_SETTINGS
870 com.htc.launcher.permission.UPDATE_SHORTCUT
871 com.huawei.android.launcher.permission.CHANGE_BADGE
872 com.sonyericsson.home.permission.BROADCAST_BADGE
873 android.permission.USE_BIOMETRIC
874 android.permission.USE_FINGERPRINT
875 com.google.android.finsky.permission.BIND_GET_INSTALL_REFERRER_SERVICE
876 .permission.RECEIVE_ADM_MESSAGE
877 com.amazon.device.messaging.permission.RECEIVE
878
879 App name: Lyft
880 Package name: me.lyft.android
881 First installed: Jan 01, 1970, 12:00 AM
882 Last modified: Jan 01, 1970, 12:00 AM
883 Permissions:
884 android.permission.ACCESS_COARSE_LOCATION
885 android.permission.ACCESS_FINE_LOCATION
886 android.permission.ACCESS_NETWORK_STATE
887 android.permission.CALL_PHONE
888 android.permission.CAMERA
889 android.permission.INTERNET
890 android.permission.READ_CONTACTS
891 android.permission.READ_EXTERNAL_STORAGE
892 android.permission.READ_PHONE_STATE
893 android.permission.VIBRATE
894 android.permission.WRITE_EXTERNAL_STORAGE
895 android.permission.READ_CALENDAR
896 android.permission.BLUETOOTH
897 android.permission.BLUETOOTH_ADMIN
898 com.google.android.providers.gsf.permission.READ_GSERVICES
899 android.permission.SYSTEM_ALERT_WINDOW
900 com.google.android.c2dm.permission.RECEIVE
901 android.permission.GET_ACCOUNTS
902 android.permission.WAKE_LOCK
903 android.permission.ACCESS_WIFI_STATE
904 android.permission.CHANGE_WIFI_STATE
905 android.permission.CHANGE_WIFI_MULTICAST_STATE
906 me.lyft.android.permission.C2D_MESSAGE
907 android.permission.USE_BIOMETRIC
908 android.permission.USE_FINGERPRINT
909 android.permission.RECEIVE_BOOT_COMPLETED
910 android.permission.FOREGROUND_SERVICE
911
912 App name: Facebook Messenger
913 Package name: com.facebook.orca
914 First installed: Jan 01, 1970, 12:00 AM
915 Last modified: Jan 01, 1970, 12:00 AM
916 Permissions:
917 com.android.vending.BILLING
918 com.facebook.katana.provider.ACCESS
919 android.permission.INTERNET
920 android.permission.GET_ACCOUNTS
921 android.permission.ACCESS_NETWORK_STATE
922 android.permission.WAKE_LOCK
923 android.permission.VIBRATE
924 android.permission.READ_CONTACTS
925 android.permission.READ_PROFILE
926 android.permission.WRITE_EXTERNAL_STORAGE
927 android.permission.READ_PHONE_STATE
928 android.permission.ACCESS_WIFI_STATE
929 android.permission.RECEIVE_BOOT_COMPLETED
930 android.permission.READ_SYNC_SETTINGS
931 android.permission.RECEIVE_SMS
932 android.permission.RECEIVE_MMS
933 android.permission.READ_SMS
934 android.permission.WRITE_SMS
935 android.permission.SEND_SMS
936 android.permission.CHANGE_NETWORK_STATE

937 android.permission.RECORD_AUDIO
938 android.permission.SYSTEM_ALERT_WINDOW
939 android.permission.CALL_PHONE
940 android.permission.MODIFY_AUDIO_SETTINGS
941 android.permission.DOWNLOAD_WITHOUT_NOTIFICATION
942 android.permission.AUTHENTICATE_ACCOUNTS
943 android.permission.MANAGE_ACCOUNTS
944 android.permission.WRITE_CONTACTS
945 android.permission.WRITE_SYNC_SETTINGS
946 android.permission.BLUETOOTH
947 android.permission.NFC
948 com.facebook.orca.provider.ACCESS
949 com.facebook.permission.prod.FB_APP_COMMUNICATION
950 com.facebook.mlite.provider.ACCESS
951 android.permission.CAMERA
952 android.permission.ACCESS_FINE_LOCATION
953 android.permission.ACCESS_COARSE_LOCATION
954 com.google.android.providers.gsf.permission.READ_GSERVICES
955 com.huawei.android.launcher.permission.CHANGE_BADGE
956 android.permission.USE_FULL_SCREEN_INTENT
957 android.permission.READ_CALENDAR
958 android.permission.FOREGROUND_SERVICE
959 android.permission.USE_BIOMETRIC
960 android.permission.USE_FINGERPRINT
961 com.google.android.c2dm.permission.RECEIVE
962 com.google.android.finsky.permission.BIND_GET_INSTALL_REFERRER_SERVICE
963 android.permission.READ_EXTERNAL_STORAGE
964 com.facebook.orca.permission.CROSS_PROCESS_BROADCAST_MANAGER
965 com.android.launcher.permission.INSTALL_SHORTCUT
966 com.facebook.receiver.permission.ACCESS
967 com.sec.android.provider.badge.permission.READ
968 com.sec.android.provider.badge.permission.WRITE
969 com.htc.launcher.permission.READ_SETTINGS
970 com.htc.launcher.permission.UPDATE_SHORTCUT
971 com.sonyericsson.home.permission.BROADCAST_BADGE
972 android.permission.BLUETOOTH_ADMIN
973 android.permission.CHANGE_WIFI_STATE
974 com.facebook.orca.permission.RECEIVE_ADM_MESSAGE
975 com.amazon.device.messaging.permission.RECEIVE
976 com.nokia.pushnotifications.permission.RECEIVE
977 com.facebook.orca.permission.CREATE_SHORTCUT
978 android.permission.MANAGE_OWN_CALLS
979
980 App name: Netflix
981 Package name: com.netflix.mediaclient
982 First installed: Jan 01, 1970, 12:00 AM
983 Last modified: Jan 01, 1970, 12:00 AM
984 Permissions:
985 com.android.vending.BILLING
986 com.netflix.mediaclient.permission.C2D_MESSAGE
987 com.netflix.partner.activation.permission.CHANNEL_ID
988 android.permission.ACCESS_NETWORK_STATE
989 android.permission.ACCESS_WIFI_STATE
990 android.permission.BLUETOOTH
991 android.permission.CHANGE_WIFI_MULTICAST_STATE
992 android.permission.INTERNET
993 android.permission.READ_PHONE_STATE
994 android.permission.WAKE_LOCK
995 android.permission.RECORD_AUDIO
996 android.permission.MODIFY_AUDIO_SETTINGS
997 android.permission.WRITE_EXTERNAL_STORAGE
998 com.google.android.gms.permission.ACTIVITY_RECOGNITION
999 com.amazon.permission.SET_FLAG_NOSOFTKEYS
1000 com.google.android.c2dm.permission.RECEIVE
1001 android.permission.READ_EXTERNAL_STORAGE
1002 android.permission.ACCESS_MEDIA_LOCATION
1003 android.permission.ACTIVITY_RECOGNITION
1004
1005 App name: Pokemon Go
1006 Package name: com.nianticlabs.pokemongo
1007 First installed: Jan 01, 1970, 12:00 AM
1008 Last modified: Jan 01, 1970, 12:00 AM
1009 Permissions:
1010 com.android.vending.BILLING
1011 android.permission.VIBRATE
1012 android.permission.BLUETOOTH
1013 android.permission.BLUETOOTH_ADMIN
1014 android.permission.ACCESS_FINE_LOCATION

1015 android.permission.FOREGROUND_SERVICE
1016 android.permission.WRITE_EXTERNAL_STORAGE
1017 android.permission.INTERNET
1018 android.permission.GET_ACCOUNTS
1019 android.permission.USE_CREDENTIALS
1020 android.permission.ACCESS_NETWORK_STATE
1021 android.permission.WAKE_LOCK
1022 android.permission.ACCESS_WIFI_STATE
1023 com.google.android.finsky.permission.BIND_GET_INSTALL_REFERRER_SERVICE
1024 android.permission.CAMERA
1025 android.permission.READ_EXTERNAL_STORAGE
1026 android.permission.ACCESS_COARSE_LOCATION
1027 com.google.android.gms.permission.ACTIVITY_RECOGNITION
1028 android.permission.RECEIVE_BOOT_COMPLETED
1029 com.nianticlabs.pokemongo.bgcore.util.contentProviderPermission
1030 com.google.android.c2dm.permission.RECEIVE
1031 android.permission.ACCESS_BACKGROUND_LOCATION
1032 android.permission.ACCESS_MEDIA_LOCATION
1033 android.permission.ACTIVITY_RECOGNITION
1034
1035 App name: Seamless
1036 Package name: com.seamlessweb.android.view
1037 First installed: Jan 01, 1970, 12:00 AM
1038 Last modified: Jan 01, 1970, 12:00 AM
1039 Permissions:
1040 android.permission.INTERNET
1041 android.permission.ACCESS_COARSE_LOCATION
1042 android.permission.ACCESS_FINE_LOCATION
1043 android.permission.ACCESS_NETWORK_STATE
1044 android.permission.CAMERA
1045 android.permission.VIBRATE
1046 android.permission.READ_PHONE_STATE
1047 android.permission.READ_EXTERNAL_STORAGE
1048 android.permission.NFC
1049 android.permission.WAKE_LOCK
1050 android.permission.ACCESS_WIFI_STATE
1051 android.permission.CHANGE_WIFI_STATE
1052 com.google.android.finsky.permission.BIND_GET_INSTALL_REFERRER_SERVICE
1053 android.permission.RECEIVE_BOOT_COMPLETED
1054 android.permission.FOREGROUND_SERVICE
1055 com.google.android.c2dm.permission.RECEIVE
1056
1057 App name: Snapchat
1058 Package name: com.snapchat.android
1059 First installed: Jan 01, 1970, 12:00 AM
1060 Last modified: Jan 01, 1970, 12:00 AM
1061 Permissions:
1062 android.permission.WAKE_LOCK
1063 android.permission.CAMERA
1064 android.permission.RECORD_AUDIO
1065 android.permission.WRITE_EXTERNAL_STORAGE
1066 android.permission.FLASHLIGHT
1067 android.permission.READ_PHONE_STATE
1068 android.permission.READ_CONTACTS
1069 com.snapchat.android.permission.UPDATE_STICKER_INDEX
1070 android.permission.ACCESS_FINE_LOCATION
1071 android.permission.FOREGROUND_SERVICE
1072 android.permission.BLUETOOTH
1073 android.permission.MODIFY_AUDIO_SETTINGS
1074 android.permission.ACCESS_NETWORK_STATE
1075 android.permission.GET_ACCOUNTS
1076 android.permission.READ_PROFILE
1077 android.permission.VIBRATE
1078 android.permission.BLUETOOTH_ADMIN
1079 android.permission.READ_EXTERNAL_STORAGE
1080 android.permission.USE_FULL_SCREEN_INTENT
1081 android.permission.CHANGE_WIFI_STATE
1082 android.permission.ACCESS_WIFI_STATE
1083 android.permission.INTERNET
1084 android.permission.CHANGE_NETWORK_STATE
1085 android.permission.RECEIVE_BOOT_COMPLETED
1086 com.google.android.c2dm.permission.RECEIVE
1087 com.google.android.finsky.permission.BIND_GET_INSTALL_REFERRER_SERVICE
1088 com.snapchat.android.permission.C2D_MESSAGE
1089 com.sec.android.provider.badge.permission.READ
1090 com.sec.android.provider.badge.permission.WRITE
1091 com.htc.launcher.permission.READ_SETTINGS
1092 com.htc.launcher.permission.UPDATE_SHORTCUT

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1093 com.sonyericsson.home.permission.BROADCAST_BADGE
1094 com.sonymobile.home.permission.PROVIDER_INSERT_BADGE
1095 com.anddoes.launcher.permission.UPDATE_COUNT
1096 com.majeur.launcher.permission.UPDATE_BADGE
1097 com.huawei.android.launcher.permission.CHANGE_BADGE
1098 com.huawei.android.launcher.permission.READ_SETTINGS
1099 com.huawei.android.launcher.permission.WRITE_SETTINGS
1100 android.permission.READ_APP_BADGE
1101 com.oppo.launcher.permission.READ_SETTINGS
1102 com.oppo.launcher.permission.WRITE_SETTINGS
1103 me.everything.badger.permission.BADGE_COUNT_READ
1104 me.everything.badger.permission.BADGE_COUNT_WRITE
1105
1106 App name: Spotify
1107 Package name: com.spotify.music
1108 First installed: Jan 01, 1970, 12:00 AM
1109 Last modified: Jan 01, 1970, 12:00 AM
1110 Permissions:
1111 android.permission.INTERNET
1112 android.permission.ACCESS_NETWORK_STATE
1113 android.permission.RECEIVE_BOOT_COMPLETED
1114 android.permission.CHANGE_WIFI_MULTICAST_STATE
1115 android.permission.WAKE_LOCK
1116 android.permission.FOREGROUND_SERVICE
1117 com.android.providers.tv.permission.READ_EPG_DATA
1118 com.android.providers.tv.permission.WRITE_EPG_DATA
1119 com.google.android.finsky.permission.BIND_GET_INSTALL_REFERRER_SERVICE
1120 com.google.android.c2dm.permission.RECEIVE
1121
1122 App name: TikTok
1123 Package name: com.zhiliaooapp.musically
1124 First installed: Jan 01, 1970, 12:00 AM
1125 Last modified: Jan 01, 1970, 12:00 AM
1126 Permissions:
1127 android.permission.INTERNET
1128 android.permission.ACCESS_NETWORK_STATE
1129 android.permission.READ_EXTERNAL_STORAGE
1130 android.permission.WRITE_EXTERNAL_STORAGE
1131 android.permission.ACCESS_WIFI_STATE
1132 android.permission.CAMERA
1133 android.permission.RECORD_AUDIO
1134 android.permission.FLASHLIGHT
1135 android.permission.WAKE_LOCK
1136 android.permission.GET_TASKS
1137 android.permission.READ_CONTACTS
1138 android.permission.RECEIVE_BOOT_COMPLETED
1139 android.permission.VIBRATE
1140 com.meizu.c2dm.permission.RECEIVE
1141 com.zhiliaooapp.musically.permission.READ_ACCOUNT
1142 com.zhiliaooapp.musically.permission.WRITE_ACCOUNT
1143 com.android.launcher.permission.INSTALL_SHORTCUT
1144 com.android.launcher.permission.UNINSTALL_SHORTCUT
1145 com.android.launcher.permission.READ_SETTINGS
1146 android.permission.AUTHENTICATE_ACCOUNTS
1147 com.htc.launcher.permission.READ_SETTINGS
1148 com.lge.launcher.permission.READ_SETTINGS
1149 com.lge.launcher.permission.WRITE_SETTINGS
1150 com.huawei.launcher3.permission.READ_SETTINGS
1151 com.huawei.launcher3.permission.WRITE_SETTINGS
1152 com.huawei.launcher2.permission.READ_SETTINGS
1153 com.huawei.launcher2.permission.WRITE_SETTINGS
1154 com.ebproductions.android.launcher.permission.READ_SETTINGS
1155 com.ebproductions.android.launcher.permission.WRITE_SETTINGS
1156 com.oppo.launcher.permission.READ_SETTINGS
1157 com.oppo.launcher.permission.WRITE_SETTINGS
1158 com.huawei.android.launcher.permission.READ_SETTINGS
1159 com.huawei.android.launcher.permission.WRITE_SETTINGS
1160 dianxin.permission.ACCESS_LAUNCHER_DATA
1161 com.miui.mihome2.permission.READ_SETTINGS
1162 com.miui.mihome2.permission.WRITE_SETTINGS
1163 android.permission.FOREGROUND_SERVICE
1164 com.zhiliaooapp.musically.permission.wallpaperplugin
1165 com.zhiliaooapp.musically.permission.MIPUSH_RECEIVE
1166 com.zhiliaooapp.musically.push.permission.MESSAGE
1167 com.meizu.flyme.push.permission.RECEIVE
1168 android.permission.WRITE_SYNC_SETTINGS
1169 com.sec.android.provider.badge.permission.READ
1170 com.sec.android.provider.badge.permission.WRITE
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1171 com.htc.launcher.permission.UPDATE_SHORTCUT
1172 com.sonyericsson.home.permission.BROADCAST_BADGE
1173 com.sonymobile.home.permission.PROVIDER_INSERT_BADGE
1174 com.majeur.launcher.permission.UPDATE_BADGE
1175 android.permission.MODIFY_AUDIO_SETTINGS
1176 com.android.vending.BILLING
1177 com.zhiliaapp.musically.miniapp.PROCESS_COMMUNICATION
1178 android.permission.REORDER_TASKS
1179 com.google.android.finsky.permission.BIND_GET_INSTALL_REFERRER_SERVICE
1180 com.google.android.c2dm.permission.RECEIVE
1181 com.zhiliaapp.musically.permission.RECEIVE_ADM_MESSAGE
1182 com.amazon.device.messaging.permission.RECEIVE
1183 com.huawei.android.launcher.permission.CHANGE_BADGE
1184 android.permission.READ_APP_BADGE
1185 me.everything.badger.permission.BADGE_COUNT_READ
1186 me.everything.badger.permission.BADGE_COUNT_WRITE
1187 android.permission.UPDATE_APP_BADGE
1188 com.vivo.notification.permission.BADGE_ICON
1189
1190 App name: Twitter
1191 Package name: com.twitter.android
1192 First installed: Jan 01, 1970, 12:00 AM
1193 Last modified: Jan 01, 1970, 12:00 AM
1194 Permissions:
1195 com.twitter.android.permission.RESTRICTED
1196 android.permission.MODIFY_AUDIO_SETTINGS
1197 android.permission.INTERNET
1198 android.permission.VIBRATE
1199 android.permission.READ_PROFILE
1200 android.permission.READ_CONTACTS
1201 android.permission.WAKE_LOCK
1202 android.permission.WRITE_EXTERNAL_STORAGE
1203 com.twitter.android.permission.READ_DATA
1204 com.google.android.providers.gsf.permission.READ_GSERVICES
1205 com.android.launcher.permission.INSTALL_SHORTCUT
1206 android.permission.READ_PHONE_STATE
1207 android.permission.CAMERA
1208 android.permission.RECORD_AUDIO
1209 android.permission.GET_ACCOUNTS
1210 android.permission.ACCESS_NETWORK_STATE
1211 android.permission.SYSTEM_ALERT_WINDOW
1212 android.permission.ACCESS_FINE_LOCATION
1213 android.permission.ACCESS_COARSE_LOCATION
1214 android.permission.AUTHENTICATE_ACCOUNTS
1215 android.permission.MANAGE_ACCOUNTS
1216 android.permission.USE_CREDENTIALS
1217 android.permission.READ_SYNC_SETTINGS
1218 android.permission.WRITE_SYNC_SETTINGS
1219 com.huawei.android.launcher.permission.READ_SETTINGS
1220 com.huawei.android.launcher.permission.WRITE_SETTINGS
1221 com.huawei.android.launcher.permission.CHANGE_BADGE
1222 com.sonyericsson.home.permission.BROADCAST_BADGE
1223 com.sonymobile.home.permission.PROVIDER_INSERT_BADGE
1224 com.sec.android.provider.badge.permission.READ
1225 com.sec.android.provider.badge.permission.WRITE
1226 com.oppo.launcher.permission.READ_SETTINGS
1227 com.oppo.launcher.permission.WRITE_SETTINGS
1228 com.htc.launcher.permission.READ_SETTINGS
1229 com.htc.launcher.permission.UPDATE_SHORTCUT
1230 com.anddoes.launcher.permission.UPDATE_COUNT
1231 android.permission.ACCESS_WIFI_STATE
1232 com.google.android.c2dm.permission.RECEIVE
1233 com.google.android.finsky.permission.BIND_GET_INSTALL_REFERRER_SERVICE
1234 android.permission.FOREGROUND_SERVICE
1235 android.permission.RECEIVE_BOOT_COMPLETED
1236
1237 App name: Uber
1238 Package name: com.ubercab
1239 First installed: Jan 01, 1970, 12:00 AM
1240 Last modified: Jan 01, 1970, 12:00 AM
1241 Permissions:
1242 com.google.android.c2dm.permission.RECEIVE
1243 com.google.android.providers.gsf.permission.READ_GSERVICES
1244 com.ubercab.permission.C2D_MESSAGE
1245 android.permission.USE_BIOMETRIC
1246 android.permission.USE_FINGERPRINT
1247 android.permission.WAKE_LOCK
1248 android.permission.ACCESS_NETWORK_STATE

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1249 android.permission.RECEIVE_BOOT_COMPLETED
1250 android.permission.FOREGROUND_SERVICE
1251 android.permission.INTERNET
1252 android.permission.READ_PHONE_STATE
1253 android.permission.SYSTEM_ALERT_WINDOW
1254 com.google.android.finsky.permission.BIND_GET_INSTALL_REFERRER_SERVICE
1255 android.permission.CAMERA
1256 android.permission.WRITE_EXTERNAL_STORAGE
1257 android.permission.READ_EXTERNAL_STORAGE
1258 android.permission.MODIFY_AUDIO_SETTINGS
1259 android.permission.ACCESS_WIFI_STATE
1260 android.permission.BLUETOOTH
1261 android.permission.BLUETOOTH_ADMIN
1262 android.permission.ACCESS_FINE_LOCATION
1263 android.permission.VIBRATE
1264 android.permission.READ_SMS
1265 android.permission.RECEIVE_SMS
1266 android.permission.ACCESS_COARSE_LOCATION
1267 android.permission.CALL_PHONE
1268 android.permission.MANAGE_ACCOUNTS
1269 android.permission.READ_CONTACTS
1270 android.permission.SEND_SMS
1271 android.permission.USE_CREDENTIALS
1272 android.permission.RECORD_AUDIO
1273 android.permission.GET_ACCOUNTS
1274 android.permission.CHANGE_NETWORK_STATE
1275
1276 App name: Weather Channel
1277 Package name: com.weather.Weather
1278 First installed: Jan 01, 1970, 12:00 AM
1279 Last modified: Jan 01, 1970, 12:00 AM
1280 Permissions:
1281 com.weather.Weather.permission.RECEIVE_ADM_MESSAGE
1282 android.permission.INTERNET
1283 android.permission.ACCESS_COARSE_LOCATION
1284 android.permission.ACCESS_FINE_LOCATION
1285 android.permission.ACCESS_NETWORK_STATE
1286 android.permission.ACCESS_WIFI_STATE
1287 android.permission.RECEIVE_BOOT_COMPLETED
1288 android.permission.VIBRATE
1289 com.google.android.c2dm.permission.RECEIVE
1290 android.permission.USE_CREDENTIALS
1291 android.permission.WAKE_LOCK
1292 com.google.android.providers.gsf.permission.READ_GSERVICES
1293 com.amazon.device.messaging.permission.RECEIVE
1294 com.android.vending.BILLING
1295 com.google.android.finsky.permission.BIND_GET_INSTALL_REFERRER_SERVICE
1296
1297 App name: WhatsApp
1298 Package name: com.whatsapp
1299 First installed: Jan 01, 1970, 12:00 AM
1300 Last modified: Jan 01, 1970, 12:00 AM
1301 Permissions:
1302 android.permission.READ_PHONE_STATE
1303 android.permission.RECEIVE_SMS
1304 android.permission.VIBRATE
1305 android.permission.USE_FINGERPRINT
1306 android.permission.CAMERA
1307 android.permission.USE_BIOMETRIC
1308 android.permission.ACCESS_COARSE_LOCATION
1309 android.permission.ACCESS_FINE_LOCATION
1310 android.permission.ACCESS_NETWORK_STATE
1311 android.permission.ACCESS_WIFI_STATE
1312 android.permission.AUTHENTICATE_ACCOUNTS
1313 android.permission.BLUETOOTH
1314 android.permission.BROADCAST_STICKY
1315 android.permission.CHANGE_NETWORK_STATE
1316 android.permission.CHANGE_WIFI_STATE
1317 android.permission.GET_ACCOUNTS
1318 android.permission.GET_TASKS
1319 android.permission.INSTALL_SHORTCUT
1320 android.permission.INTERNET
1321 android.permission.MANAGE_ACCOUNTS
1322 android.permission.MANAGE_OWN_CALLS
1323 android.permission.MODIFY_AUDIO_SETTINGS
1324 android.permission.NFC
1325 android.permission.READ_CONTACTS
1326 android.permission.READ_PROFILE
```

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1327 android.permission.READ_SYNC_SETTINGS
1328 android.permission.READ_SYNC_STATS
1329 android.permission.RECEIVE_BOOT_COMPLETED
1330 android.permission.RECORD_AUDIO
1331 android.permission.SEND_SMS
1332 android.permission.USE_CREDENTIALS
1333 android.permission.WAKE_LOCK
1334 android.permission.WRITE_CONTACTS
1335 android.permission.WRITE_EXTERNAL_STORAGE
1336 android.permission.WRITE_SYNC_SETTINGS
1337 android.permission.REQUEST_INSTALL_PACKAGES
1338 android.permission.FOREGROUND_SERVICE
1339 android.permission.USE_FULL_SCREEN_INTENT
1340 com.android.launcher.permission.INSTALL_SHORTCUT
1341 com.android.launcher.permission.UNINSTALL_SHORTCUT
1342 com.google.android.c2dm.permission.RECEIVE
1343 com.google.android.providers.gsf.permission.READ_GSERVICES
1344 com.sec.android.provider.badge.permission.READ
1345 com.sec.android.provider.badge.permission.WRITE
1346 com.htc.launcher.permission.READ_SETTINGS
1347 com.htc.launcher.permission.UPDATE_SHORTCUT
1348 com.sonyericsson.home.permission.BROADCAST_BADGE
1349 com.sonymobile.home.permission.PROVIDER_INSERT_BADGE
1350 com.huawei.android.launcher.permission.READ_SETTINGS
1351 com.huawei.android.launcher.permission.WRITE_SETTINGS
1352 com.huawei.android.launcher.permission.CHANGE_BADGE
1353 com.whatsapp.permission.BROADCAST
1354 com.whatsapp.permission.MAPS_RECEIVE
1355 com.whatsapp.permission.REGISTRATION
1356 com.whatsapp.sticker.READ
1357 android.permission.READ_EXTERNAL_STORAGE
1358
1359 App name: YouTube
1360 Package name: com.google.android.youtube
1361 First installed: Jan 01, 1970, 12:00 AM
1362 Last modified: Jan 01, 1970, 12:00 AM
1363 Permissions:
1364 android.permission.INTERNET
1365 android.permission.ACCESS_NETWORK_STATE
1366 android.permission.ACCESS_WIFI_STATE
1367 android.permission.WRITE_EXTERNAL_STORAGE
1368 android.permission.RECEIVE_BOOT_COMPLETED
1369 android.permission.MANAGE_DOCUMENTS
1370 android.permission.GET_ACCOUNTS
1371 android.permission.MANAGE_ACCOUNTS
1372 android.permission.USE_CREDENTIALS
1373 com.google.android.providers.gsf.permission.READ_GSERVICES
1374 com.google.android.c2dm.permission.RECEIVE
1375 android.permission.WAKE_LOCK
1376 android.permission.NFC
1377 android.permission.CAMERA
1378 android.permission.VIBRATE
1379 com.google.android.gms.permission.AD_ID_NOTIFICATION
1380 com.google.android.youtube.permission.C2D_MESSAGE
1381 android.permission.GET_PACKAGE_SIZE
1382 android.permission.FOREGROUND_SERVICE
1383 android.permission.USE_FINGERPRINT
1384
1385
```

```
1 Dangerous
2 android.app.action.DEVICE_ADMIN_ENABLED
3 android.permission.ACCESS_BACKGROUND_LOCATION
4 android.permission.ACCESS_COARSE_LOCATION
5 android.permission.ACCESS_FINE_LOCATION
6 android.permission.ACCESS_MEDIA_LOCATION
7 android.permission.ACCESS_SUPERUSER
8 android.permission.ACTIVITY_RECOGNITION
9 android.permission.ADD_VOICEMAIL
10 android.permission.ANSWER_PHONE_CALLS
11 android.permission.BODY_SENSORS
12 android.permission.CALL_LOG
13 android.permission.CALL_PHONE
14 android.permission.CAMERA
15 android.permission.GET_ACCOUNTS
16 android.permission.PROCESS_OUTGOING_CALLS
17 android.permission.READ_CALENDAR
18 android.permission.READ_CALL_LOG
19 android.permission.READ_CONTACTS
20 android.permission.READ_EXTERNAL_STORAGE
21 android.permission.READ_PHONE_NUMBERS
22 android.permission.READ_PHONE_STATE
23 android.permission.READ_SMS
24 android.permission.RECEIVE_MMS
25 android.permission.READ_EXTERNAL_STORAGE
26 android.permission.RECEIVE_SMS
27 android.permission.RECEIVE_WAP_PUSH
28 android.permission.RECORD_AUDIO
29 android.permission.SEND_SMS
30 android.permission.USE_SIP
31 android.permission.WRITE_CALENDAR
32 android.permission.WRITE_CALL_LOG
33 android.permission.WRITE_CONTACTS
34 android.permission.WRITE_EXTERNAL_STORAGE
35
36 Signature
37 android.permission.BATTERY_STATS
38 android.permission.BIND_ACCESSIBILITY_SERVICE
39 android.app.action.BIND_DEVICE_ADMIN
40 android.permission.BIND_NOTIFICATION_LISTENER_SERVICE
41 android.permission.CAPTURE_AUDIO_OUTPUT
42 android.permission.CHANGE_CONFIGURATION
43 android.permission.INTERACT_ACROSS_USERS
44 android.permission.INTERACT_ACROSS_USERS_FULL
45 android.permission.MANAGE_DEVICE_ADMINS
46 android.permission.MANAGE_DOCUMENTS
47 android.permission.MANAGE_USERS
48 android.permission.MODIFY_PHONE_STATE
49 android.permission.OVERRIDE_WIFI_CONFIG
50 android.permission.PACKAGE_USAGE_STATS
51 android.permission.READ_LOGS
52 android.permission.READ_PRIVILEGED_PHONE_STATE
53 android.permission.REBOOT
54 android.permission.REQUEST_INSTALL_PACKAGES
55 android.permission.STATUS_BAR
56 android.permission.SYSTEM_ALERT_WINDOW
57 android.permission.TETHER_PRIVILEGED
58 android.permission.UPDATE_APP_OPS_STATS
59 android.permission.WRITE_SECURE_SETTINGS
60 android.permission.WRITE_SETTINGS
61 com.android.launcher.permission.WRITE_SETTINGS
62
63 Removed
64 android.permission.AUTHENTICATE_ACCOUNTS
65 android.permission.FLASHLIGHT
66 android.permission.MANAGE_ACCOUNTS
67 android.permission.READ_HISTORY_BOOKMARKS
68 android.permission.READ_PROFILE
69 android.permission.READ_USER_DICTIONARY
70 android.permission.SUBSCRIBED_FEEDS_READ
71 android.permission.SUBSCRIBED_FEEDS_WRITE
72 android.permission.USE_CREDENTIALS
73 android.permission.WRITE_SMS
74 android.permission.WRITE_USER_DICTIONARY
75 com.android.browser.permission.READ_HISTORY_BOOKMARKS
76 com.android.browser.permission.WRITE_HISTORY_BOOKMARKS
```

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1 Very Dangerous
2 dangerous android.permission.WRITE_EXTERNAL_STORAGE 0.85
3 dangerous android.permission.ACCESS_FINE_LOCATION 0.75
4 dangerous android.permission.READ_EXTERNAL_STORAGE 0.75
5 dangerous android.permission.ACCESS_COARSE_LOCATION 0.7
6 dangerous android.permission.READ_CONTACTS 0.7
7 dangerous android.permission.READ_PHONE_STATE 0.7
8
9 Moderately Dangerous
10 dangerous android.permission.RECORD_AUDIO 0.55
11 dangerous android.permission.CAMERA 0.5
12 dangerous android.permission.READ_SMS 0.5
13 dangerous android.permission.RECEIVE_SMS 0.5
14 dangerous android.permission.GET_ACCOUNTS 0.45
15 dangerous android.permission.CALL_PHONE 0.35
16 dangerous android.permission.ACCESS_BACKGROUND_LOCATION 0.3
17
18 Less Dangerous
19 dangerous android.permission.ACCESS_MEDIA_LOCATION 0.25
20 dangerous android.permission.READ_CALENDAR 0.25
21 dangerous android.permission.SEND_SMS 0.25
22 dangerous android.permission.RECEIVE_MMS 0.1
23 dangerous android.permission.WRITE_CONTACTS 0.05
24
25 Only Spyware Dangerous
26 dangerous android.permission.READ_CALL_LOG 0.5
27 dangerous android.permission.PROCESS_OUTGOING_CALLS 0.45
28 dangerous android.permission.ACCESS_SUPERUSER 0.15
29 dangerous android.permission.READ_PHONE_NUMBERS 0.1
30 dangerous android.permission.WRITE_CALL_LOG 0.1
31 dangerous android.app.action.DEVICE_ADMIN_ENABLED 0.05
32
33 Only Popular Dangerous
34 dangerous android.permission.ACTIVITY_RECOGNITION 0.15
35 dangerous android.permission.WRITE_CALENDAR 0.1
36
37 Shared Signature
38 signature android.permission.SYSTEM_ALERT_WINDOW 0.45 0.25
39 signature android.permission.WRITE_SETTINGS 0.3 0.05
40 signature android.permission.REQUEST_INSTALL_PACKAGES 0.1 0.1
41
42 Only Spyware Signature
43 signature android.permission.PACKAGE_USAGE_STATS 0.2
44 signature android.permission.READ_PRIVILEGED_PHONE_STATE 0.15
45 signature android.permission.INTERACT_ACROSS_USERS 0.1
46 signature android.permission.INTERACT_ACROSS_USERS_FULL 0.1
47 signature android.permission.READ_LOGS 0.1
48 signature android.permission.WRITE_SECURE_SETTINGS 0.1
49 signature android.app.action.BIND_DEVICE_ADMIN 0.05
50 signature android.permission.BIND_ACCESSIBILITY_SERVICE 0.05
51 signature android.permission.BIND_NOTIFICATION_LISTENER_SERVICE 0.05
52 signature android.permission.CAPTURE_AUDIO_OUTPUT 0.05
53 signature android.permission.CHANGE_CONFIGURATION 0.05
54 signature android.permission.MANAGE_DEVICE_ADMINS 0.05
55 signature android.permission.MANAGE_USERS 0.05
56 signature android.permission.MODIFY_PHONE_STATE 0.05
57 signature android.permission.OVERRIDE_WIFI_CONFIG 0.05
58 signature android.permission.REBOOT 0.05
59 signature android.permission.STATUS_BAR 0.05
60 signature android.permission.TETHER_PRIVILEGED 0.05
61 signature android.permission.UPDATE_APP_OPS_STATS 0.05
62 signature com.android.launcher.permission.WRITE_SETTINGS 0.05
63
64 Only Popular Signature
65 signature android.permission.BATTERY_STATS 0.05
66 signature android.permission.MANAGE_DOCUMENTS 0.05
67
68 Removed
69 removed android.permission.USE_CREDENTIALS 0.15 0.5
70 removed android.permission.READ_PROFILE 0.15 0.4
71 removed android.permission.FLASHLIGHT 0.1 0.15
72 removed android.permission.WRITE_SMS 0.1 0.05
73 removed android.permission.MANAGE_ACCOUNTS 0.05 0.45
74 removed android.permission.AUTHENTICATE_ACCOUNTS 0.05 0.35
75 removed com.android.browser.permission.READ_HISTORY_BOOKMARKS 0.25
76 removed com.android.browser.permission.WRITE_HISTORY_BOOKMARKS 0.1
77 removed android.permission.READ_HISTORY_BOOKMARKS 0.05
78 removed android.permission.READ_USER_DICTIONARY 0.05

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```
79 removed android.permission.WRITE_USER_DICTIONARY    0.05
80 removed android.permission.SUBSCRIBED_FEEDS_READ    0.05
81 removed android.permission.SUBSCRIBED_FEEDS_WRITE    0.05
```

1 android.permission.WRITE_EXTERNAL_STORAGE, Allows an application to write to external storage.
 2 android.permission.ACCESS_FINE_LOCATION, Allows an app to access precise location.
 3 android.permission.READ_EXTERNAL_STORAGE, Allows an application to read from external storage.
 4 android.permission.ACCESS_COARSE_LOCATION, Allows an app to access approximate location.
 5 android.permission.READ_CONTACTS, Allows an application to read the user's contacts data.
 6 android.permission.READ_PHONE_STATE, Allows read only access to phone state, including the current cellular network information, the status of any ongoing calls, and a list of any PhoneAccounts registered on the device.
 7 android.permission.RECORD_AUDIO, Allows an application to record audio.
 8 android.permission.CAMERA, Required to be able to access the camera device.
 9 android.permission.READ_SMS, Allows an application to read SMS messages.
 10 android.permission.RECEIVE_SMS, Allows an application to receive SMS messages.
 11 android.permission.GET_ACCOUNTS, Allows access to the list of accounts in the Accounts Service.
 12 android.permission.CALL_PHONE, Allows an application to initiate a phone call without going through the Dialer user interface for the user to confirm the call.
 13 android.permission.ACCESS_BACKGROUND_LOCATION, Allows an app to access location in the background.
 14 android.permission.ACCESS_MEDIA_LOCATION, Allows an application to access any geographic locations persisted in the user's shared collection.
 15 android.permission.READ_CALENDAR, Allows an application to read the user's calendar data.
 16 android.permission.SEND_SMS, Allows an application to send SMS messages.
 17 android.permission.RECEIVE_MMS, Allows an application to monitor incoming MMS messages.
 18 android.permission.WRITE_CONTACTS, Allows an application to write the user's contacts data.
 19 android.permission.READ_CALL_LOG, Allows an application to read the user's call log.
 20 android.permission.PROCESS_OUTGOING_CALLS, Allows an application to see the number being dialed during an outgoing call with the option to redirect the call to a different number or abort the call altogether.
 21 android.permission.ACCESS_SUPERUSER, Allows root access.
 22 android.permission.READ_PHONE_NUMBERS, Allows read access to the device's phone number(s).
 23 android.permission.WRITE_CALL_LOG, Allows an application to write (but not read) the user's call log data.
 24 android.app.action.DEVICE_ADMIN_ENABLED, This permission is required for functions that give the user rich control over devices, including remote wiping and device management.
 25 android.permission.ACTIVITY_RECOGNITION, Allows an application to recognize physical activity.
 26 android.permission.WRITE_CALENDAR, Allows an application to write the user's calendar data.
 27 android.permission.SYSTEM_ALERT_WINDOW, Allows an app to create windows shown on top of all other apps.
 28 android.permission.WRITE_SETTINGS, Allows an application to read or write the system settings.
 29 android.permission.REQUEST_INSTALL_PACKAGES, Allows an application to request installing packages.
 30 android.permission.PACKAGE_USAGE_STATS, Allows an application to collect component usage statistics
 31 android.permission.READ_PRIVILEGED_PHONE_STATE, Allows read access to privileged phone state.
 32 android.permission.INTERACT_ACROSS_USERS, Allows an application to call APIs that allow it to do interactions across the users on the device, using singleton services and user-targeted broadcasts. This permission is not available to third party applications.
 33 android.permission.INTERACT_ACROSS_USERS_FULL, Fuller form of INTERACT_ACROSS_USERS that removes restrictions on where broadcasts can be sent and allows other types of interactions.
 34 android.permission.READ_LOGS, Allows an application to read the low-level system log files.
 35 android.permission.WRITE_SECURE_SETTINGS, Allows an application to update application operation statistics. Not for use by third party apps.
 36 android.app.action.BIND_DEVICE_ADMIN, Must be required by device administration receiver, to ensure that only the system can interact with it.
 37 android.permission.BIND_ACCESSIBILITY_SERVICE, Must be required by an AccessibilityService, to ensure that only the system can bind to it.
 38 android.permission.BIND_NOTIFICATION_LISTENER_SERVICE, Must be required by an NotificationListenerService, to ensure that only the system can bind to it.
 39 android.permission.CAPTURE_AUDIO_OUTPUT, Allows an application to capture audio output.
 40 android.permission.CHANGE_CONFIGURATION, Allows an application to modify the current configuration, such as locale.
 41 android.permission.MANAGE_DEVICE_ADMINS, Required to add or remove another application as a device admin. Not for use by third-party applications.
 42 android.permission.MANAGE_USERS, Allows an application to call APIs that allow it to query and manage users on the device. This permission is not available to third party applications.
 43 android.permission.MODIFY_PHONE_STATE, Allows modification of the telephony state - power on, mmui, etc.
 44 android.permission.OVERRIDE_WIFI_CONFIG, Allows an application to modify any wifi configuration, even if created by another application. Once reconfigured the original creator cannot make any further modifications. Not for use by third-party applications.
 45 android.permission.REBOOT, Required to be able to reboot the device.
 46 android.permission.STATUS_BAR, Allows an application to open, close, or disable the status bar and its icons.
 47 android.permission.TETHER_PRIVILEGED, Allows applications to change tether state and run tether carrier provisioning. Not for use by third-party applications.
 48 android.permission.UPDATE_APP_OPS_STATS, Allows an application to update application operation statistics. Not for use by third party apps.
 49 com.android.launcher.permission.WRITE_SETTINGS, Allows the app to change settings and shortcuts in Home.
 50 android.permission.BATTERY_STATS, Allows an application to collect battery statistics.
 51 android.permission.MANAGE_DOCUMENTS, Allows an application to manage access to documents, usually as part of a document picker.
 52 android.permission.USE_CREDENTIALS, Deprecated in API level 23.
 53 android.permission.READ_PROFILE, Deprecated in API level 23.
 54 android.permission.FLASHLIGHT, Deprecated in API level 24.
 55 android.permission.WRITE_SMS, Deprecated in API level 23.
 56 android.permission.MANAGE_ACCOUNTS, Deprecated in API level 23.
 57 android.permission.AUTHENTICATE_ACCOUNTS, Deprecated in API level 23.
 58 com.android.browser.permission.READ_HISTORY_BOOKMARKS, Deprecated in API level 23.

```
59 com.android.browser.permission.WRITE_HISTORY_BOOKMARKS,Deprecated in API level 23.  
60 android.permission.READ_HISTORY_BOOKMARKS,Deprecated in API level 23.  
61 android.permission.READ_USER_DICTIONARY,Deprecated in API level 23.  
62 android.permission.WRITE_USER_DICTIONARY,Deprecated in API level 23.  
63 android.permission.SUBSCRIBED_FEEDS_READ,Removed.  
64 android.permission.SUBSCRIBED_FEEDS_WRITE,Removed.
```

```
1 package apprisk;
2
3 import java.util.ArrayList;
4
5 public class App {
6     private final String appName;
7     private final String packageName;
8     private final String firstInstall;
9     private final String lastMod;
10    private final ArrayList<String> perms;
11
12    public App(String aN, String pN, String fI, String lM, ArrayList<String> p) {
13        this.appName = aN;
14        this.packageName = pN;
15        this.firstInstall = fI;
16        this.lastMod = lM;
17        this.perms = p;
18    }
19
20    public String getAppName() {
21        return appName;
22    }
23
24    public String getPackageName() {
25        return packageName;
26    }
27
28    public String getFirstInstall() {
29        return firstInstall;
30    }
31
32    public String getLastMod() {
33        return lastMod;
34    }
35
36    public ArrayList<String> getPerms() {
37        return perms;
38    }
39 }
40 }
```

```

1 package apprisk;
2
3 import java.io.BufferedReader;
4 import java.io.File;
5 import java.io.FileReader;
6 import java.io.IOException;
7 import java.util.*;
8
9 public class AppRisk {
10     File permWeightFile = new File("src/res/permissionWeights.txt");
11     File whitelistTxt = new File("src/res/whitelist.txt");
12     File permDescriptions = new File("src/res/permissionDescriptions.txt");
13     File appDataFile = new File("src/res/appdata.txt"); // Comment for testing
14 //    File appDataFile = new File("src/res/max_appdata.txt"); // Uncomment for testing
15 //    File appDataFile = new File("src/res/seed_appdata.txt"); // Uncomment for testing
16     Map<String, Permissions> permWeightMap = new HashMap<>();
17     ArrayList<App> appList = new ArrayList<>();
18     Map<String, String> whitelist = new HashMap<>();
19     Map<String, String> permDesc = new HashMap<>();
20     String[] listData;
21
22     public AppRisk() {
23         try {
24             getWeights(permWeightMap);
25             appList = readAppData();
26             whitelist = readWhitelist(whitelistTxt);
27             permDesc = readPermissionDescriptions(permDescriptions);
28         } catch (IOException e) {
29             e.printStackTrace();
30         }
31     }
32     // Reads permissions and usage rates from file and adds to map
33     private void getWeights(Map<String, Permissions> map) throws IOException {
34         BufferedReader br = new BufferedReader(new FileReader(permWeightFile));
35         String line;
36         String[] result;
37
38         // Very Dangerous
39         if ((br.readLine()).equals("Very Dangerous")) {
40             while (!(line = br.readLine()).equals("")) {
41                 result = line.split("\t");
42                 double weight = 3 + Double.parseDouble(result[2]);
43                 // Adds "permName: type, weight"
44                 map.put(result[1], new Permissions(result[0], weight));
45             }
46         }
47         // Moderately Dangerous
48         if ((br.readLine()).equals("Moderately Dangerous")) {
49             while (!(line = br.readLine()).equals("")) {
50                 result = line.split("\t");
51                 double weight = 2 + Double.parseDouble(result[2]);
52                 map.put(result[1], new Permissions(result[0], weight));
53             }
54         }
55         // Less Dangerous
56         if ((br.readLine()).equals("Less Dangerous")) {
57             while (!(line = br.readLine()).equals("")) {
58                 result = line.split("\t");
59                 double weight = 1 + Double.parseDouble(result[2]);
60                 map.put(result[1], new Permissions(result[0], weight));
61             }
62         }
63         // Only Spyware Dangerous
64         if ((br.readLine()).equals("Only Spyware Dangerous")) {
65             while (!(line = br.readLine()).equals("")) {
66                 result = line.split("\t");
67                 double weight = 1.5 + Double.parseDouble(result[2]);
68                 map.put(result[1], new Permissions(result[0], weight));
69             }
70         }
71         // Only Popular Dangerous
72         if ((br.readLine()).equals("Only Popular Dangerous")) {
73             while (!(line = br.readLine()).equals("")) {
74                 result = line.split("\t");
75                 double weight = 1;
76                 map.put(result[1], new Permissions(result[0], weight));
77             }
78         }
}

```

```

79     // Shared Signature
80     if ((br.readLine()).equals("Shared Signature")) {
81         while (!(line = br.readLine()).equals("")) {
82             result = line.split("\t");
83             double weight = 1 + Double.parseDouble(result[2]);
84             map.put(result[1], new Permissions(result[0], weight));
85         }
86     }
87     // Only Spyware Signature
88     if ((br.readLine()).equals("Only Spyware Signature")) {
89         while (!(line = br.readLine()).equals("")) {
90             result = line.split("\t");
91             double weight = 3 + Double.parseDouble(result[2]);
92             map.put(result[1], new Permissions(result[0], weight));
93         }
94     }
95     // Only Popular Signature
96     if ((br.readLine()).equals("Only Popular Signature")) {
97         while (!(line = br.readLine()).equals("")) {
98             result = line.split("\t");
99             double weight = 1;
100            map.put(result[1], new Permissions(result[0], weight));
101        }
102    }
103    // Removed
104    if ((br.readLine()).equals("Removed")) {
105        while ((line = br.readLine()) != null) {
106            result = line.split("\t");
107            double weight = 0.3;
108            map.put(result[1], new Permissions(result[0], weight));
109        }
110    }
111
112    br.close();
113}
114 // Reads app data from file, adds names for list selection panel, and adds apps to list
115 // File must have two blank lines at end to work
116 private ArrayList<App> readAppData() throws IOException {
117     BufferedReader br = new BufferedReader(new FileReader(appDataFile));
118     String line;
119     String appName = null;
120     String packageName = null;
121     String firstInstall = null;
122     String lastMod = null;
123     ArrayList<String> perms;
124     ArrayList<App> apps = new ArrayList<>();
125
126     while ((line = br.readLine()) != null) {
127         perms = new ArrayList<>();
128         if (line.contains("App name:")) {
129             appName = (line.split(": "))[1];
130         }
131         if (line.contains("Package name:")) {
132             packageName = (line.split(": "))[1];
133         }
134         if (line.contains("First installed:")) {
135             firstInstall = (line.split(": "))[1];
136         }
137         if (line.contains("Last modified:")) {
138             lastMod = (line.split(": "))[1];
139         }
140         if (line.contains("Permissions:")) {
141             while (!(line = br.readLine()).equals("")) {
142                 perms.add(line);
143             }
144         }
145         if (line.equals("")) {
146             apps.add(new App(appName, packageName, firstInstall, lastMod, perms));
147         }
148     }
149
150     br.close();
151
152     listData = new String[apps.size()];
153     for (int i = 0; i < apps.size(); i++) {
154         listData[i] = apps.get(i).getAppName() + " (" + apps.get(i).getPackageName() + ")";
155     }
156

```

```

157     return apps;
158 }
159 // Calculates risk of selected list item using weight map
160 public String[] calculateRisk(String selectedApp) {
161     String packageName = null;
162     String firstInstall = null;
163     String lastMod = null;
164     int weightPermCount = 0;
165     int totalPermCount;
166     double risk = 0;
167     double ratio = 0;
168     List<String> permsList = new ArrayList<>();
169
170     for (App a : appList) {
171         if (a getAppName().equals(selectedApp)) {
172             packageName = a.getPackageName();
173             firstInstall = a.getFirstInstall();
174             lastMod = a.getLastMod();
175             totalPermCount = a.getPerms().size();
176             for (String s : a.getPerms()) {
177                 if (permWeightMap.containsKey(s)) {
178                     risk += permWeightMap.get(s).getWeight();
179                     permsList.add(permWeightMap.get(s).getType() + " " + s);
180                     weightPermCount += 1;
181                 }
182             }
183             ratio = (double)weightPermCount / totalPermCount;
184         }
185     }
186     if (ratio >= 0.4 && ratio < 1) {
187         risk *= 1 + ratio;
188     }
189     Collections.sort(permsList);
190
191     return new String[]{String.format("%.2f", risk), packageName, firstInstall, lastMod,
192                         String.join("\n", permsList)};
193 }
194 // Reads whitelist from file and adds to map
195 Map<String, String> readWhitelist(File wlTxt) throws IOException {
196     BufferedReader br = new BufferedReader(new FileReader(wlTxt));
197     String line;
198     String[] result;
199     Map<String, String> map = new HashMap<>();
200
201     while ((line = br.readLine()) != null) {
202         result = line.split(",");
203         map.put(result[0], result[1]);
204     }
205     br.close();
206
207     return map;
208 }
209 // Reads permission descriptions from file and adds to map
210 Map<String, String> readPermissionDescriptions(File permDescTxt) throws IOException {
211     BufferedReader br = new BufferedReader(new FileReader(permDescTxt));
212     String line;
213     String[] result;
214     Map<String, String> map = new HashMap<>();
215
216     while ((line = br.readLine()) != null) {
217         result = line.split(",");
218         map.put(result[0], result[1]);
219     }
220     br.close();
221
222     return map;
223 }
224
225 public String[] getListData() {
226     return listData;
227 }
228
229 public Map<String, String> getWhiteList() {
230     return whitelist;
231 }
232
233 public Map<String, String> getPermissionDescriptions() {
234     return permDesc;

```

```
235     }
236
237     public Map<String, Permissions> getPermWeightMap() {
238         return permWeightMap;
239     }
240 }
241
```

```
1 package apprisk;
2
3 public class Permissions {
4     String type;
5     double weight;
6
7     public Permissions(String t, double w) {
8         this.weight = w;
9         this.type = t;
10    }
11
12    public double getWeight() {
13        return weight;
14    }
15
16    public String getType() {
17        return type;
18    }
19 }
20
21
```

```

1 package apprisk;
2
3 import java.awt.*;
4 import java.util.Map;
5
6 import javax.swing.*;
7 import javax.swing.event.*;
8
9 @SuppressWarnings("serial")
10 public class GraphicInterface extends JPanel {
11     JTextArea listOutput;
12     JTextArea assessmentOutput;
13     JTextArea descriptionOutput;
14     JList<String> list;
15     ListSelectionModel listSelectionModel;
16     AppRisk appRisk;
17     Map<String, Permissions> permWeightMap;
18     Map<String, String> permDescMap;
19
20     /**
21      * Create the panel.
22      */
23     public GraphicInterface() {
24         super(new BorderLayout());
25
26         appRisk = new AppRisk();
27         permWeightMap = appRisk.getPermWeightMap();
28         permDescMap = appRisk.getPermissionDescriptions();
29         list = new JList<>(appRisk.getListData());
30
31         listSelectionModel = list.getSelectionModel();
32         listSelectionModel.setSelectionMode(ListSelectionModel.SINGLE_SELECTION);
33         listSelectionModel.addListSelectionListener(new ListSelectionHandler());
34         JScrollPane listPane = new JScrollPane(list);
35
36         //Build output area.
37         listOutput = new JTextArea(1, 10);
38         listOutput.setEditable(false);
39         listOutput.setMargin(new Insets(2, 5, 2, 5));
40         JScrollPane listOutputPane = new JScrollPane(listOutput,
41                                         ScrollPaneConstants.VERTICAL_SCROLLBAR_ALWAYS,
42                                         ScrollPaneConstants.HORIZONTAL_SCROLLBAR_AS_NEEDED);
43
44         assessmentOutput = new JTextArea(1, 10);
45         assessmentOutput.setEditable(false);
46         assessmentOutput.setLineWrap(true);
47         assessmentOutput.setWrapStyleWord(true);
48         assessmentOutput.setMargin(new Insets(2, 5, 2, 5));
49         assessmentOutput.setText("Click on an item to view its details.");
50         JScrollPane assessmentPane = new JScrollPane(assessmentOutput,
51                                         ScrollPaneConstants.VERTICAL_SCROLLBAR_ALWAYS,
52                                         ScrollPaneConstants.HORIZONTAL_SCROLLBAR_AS_NEEDED);
53
54         descriptionOutput = new JTextArea(1, 10);
55         descriptionOutput.setEditable(false);
56         descriptionOutput.setLineWrap(true);
57         descriptionOutput.setWrapStyleWord(true);
58         descriptionOutput.setMargin(new Insets(2, 5, 2, 5));
59         JScrollPane descriptionPane = new JScrollPane(descriptionOutput,
60                                         ScrollPaneConstants.VERTICAL_SCROLLBAR_ALWAYS,
61                                         ScrollPaneConstants.HORIZONTAL_SCROLLBAR_AS_NEEDED);
62
63         //Do the layout.
64         JSplitPane splitPaneLeft = new JSplitPane(JSplitPane.VERTICAL_SPLIT);
65         add(splitPaneLeft, BorderLayout.WEST);
66
67         JPanel topLeft = new JPanel();
68         topLeft.setLayout(new BoxLayout(topLeft, BoxLayout.LINE_AXIS));
69         JPanel listContainer = new JPanel(new GridLayout(1, 1));
70         listContainer.setBorder(BorderFactory.createTitledBorder("Installed Applications"));
71         listContainer.add(listPane);
72
73         topLeft.setBorder(BorderFactory.createEmptyBorder(5, 5, 0, 5));
74         topLeft.add(listContainer);
75
76         topLeft.setMinimumSize(new Dimension(100, 100));
77         topLeft.setPreferredSize(new Dimension(100, 300));
78         splitPaneLeft.add(topLeft);

```

```

79         JPanel bottomLeft = new JPanel(new BorderLayout());
80         bottomLeft.add(listOutputPane, BorderLayout.CENTER);
81         bottomLeft.setMinimumSize(new Dimension(400, 100));
82         bottomLeft.setPreferredSize(new Dimension(450, 300));
83         splitPaneLeft.add(bottomLeft);
84
85         JSplitPane splitPaneRight = new JSplitPane(JSplitPane.VERTICAL_SPLIT);
86
87         JPanel topRight = new JPanel();
88         topRight.setLayout(new BoxLayout(topRight, BoxLayout.LINE_AXIS));
89         JPanel assessmentContainer = new JPanel(new GridLayout(1, 1));
90         assessmentContainer.setBorder(BorderFactory.createTitledBorder("Assessment"));
91         assessmentContainer.add(assessmentPane);
92
93         topRight.setBorder(BorderFactory.createEmptyBorder(5, 5, 0, 5));
94         topRight.add(assessmentContainer);
95
96         topRight.setMinimumSize(new Dimension(100, 100));
97         topRight.setPreferredSize(new Dimension(400, 300));
98         splitPaneRight.add(topRight);
99
100        add(splitPaneRight, BorderLayout.CENTER);
101
102        JPanel bottomRight = new JPanel();
103        bottomRight.setLayout(new BoxLayout(bottomRight, BoxLayout.LINE_AXIS));
104        JPanel descriptionContainer = new JPanel(new GridLayout(1, 1));
105        descriptionContainer.setBorder(BorderFactory.createTitledBorder("Permission Details"));
106        descriptionContainer.add(descriptionPane);
107
108        bottomRight.setBorder(BorderFactory.createEmptyBorder(5, 5, 0, 5));
109        bottomRight.add(descriptionContainer);
110        bottomRight.setMinimumSize(new Dimension(100, 100));
111        bottomRight.setPreferredSize(new Dimension(500, 500));
112        splitPaneRight.add(bottomRight);
113    }
114
115
116    /**
117     * Create the GUI and show it. For thread safety,
118     * this method should be invoked from the
119     * event-dispatching thread.
120     */
121    private static void createAndShowGUI() {
122        //Create and set up the window.
123        JFrame frame = new JFrame("Your Risk Assessment");
124        frame.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
125
126        //Create and set up the content pane.
127        GraphicInterface gui = new GraphicInterface();
128        gui.setOpaque(true);
129        frame.setContentPane(gui);
130
131        //Display the window.
132        frame.pack();
133        frame.setLocationRelativeTo(null);
134        frame.setVisible(true);
135    }
136
137    public static void main(String[] args) {
138        //Schedule a job for the event-dispatching thread:
139        //creating and showing this application's GUI.
140        javax.swing.SwingUtilities.invokeLater(GraphicInterface::createAndShowGUI);
141    }
142
143    // Listen for change in list selection
144    class ListSelectionHandler implements ListSelectionListener {
145        public void valueChanged(ListSelectionEvent e) {
146            boolean isAdjusting = e.getValueIsAdjusting();
147            if (!isAdjusting) {
148                getPermissionDetails(getListOutput());
149            }
150        }
151
152        // Changes display in top right and bottom left panels according to list selection in first panel
153        String getListOutput() {
154            Map<String, String> whitelist = appRisk.getWhiteList();
155
156            String appName = (list.getSelectedValue().split(" \\\\"))[0];
157            String[] data = appRisk.calculateRisk(appName);

```

```

157     double riskValue = Double.parseDouble(data[0]);
158     String justPerms = data[4].replace("dangerous ", "").replace("removed ", "")
159         .replace("signature ", "");
160
161     listOutput.setText("Risk = " + data[0] + "\n\n"
162         + "First installed: " + data[2] + "\n"
163         + "Last modified: " + data[3] + "\n\n"
164         + "Permissions:\n");
165     if (justPerms.equals("")) {
166         listOutput.append("No suspicious permissions");
167     } else {
168         listOutput.append(justPerms);
169     }
170     listOutput.setCaretPosition(0);
171
172     if (whitelist.containsKey(appName) && whitelist.get(appName).equals(data[1])) {
173         assessmentOutput.setText("This app has been whitelisted.\n\nPopular, well-known apps still have the"
174             + " potential to be dangerous. For example, if an attacker knows your device PIN or"
175             + " account password, they can access your private data collected by the app.");
176     } else if (riskValue == 0.0) {
177         assessmentOutput.setText("This app is very unlikely to be spyware.\n\nThis app does not use any
permissions"
178             + " associated with spyware.\n\nBe mindful that a future update could introduce permissions"
179             + " that could be dangerous in the wrong hands.");
180     } else if (riskValue > 0 && riskValue < 20) {
181         assessmentOutput.setText("This app is unlikely to be spyware.\n\nHowever, the risk value could have
been"
182             + " skewed downward if the total number of permissions used by this app is small.");
183     } else if (riskValue >= 20 && riskValue < 50) {
184         assessmentOutput.setText("This app is slightly likely to be spyware.\n\nMany popular apps fall within"
185             + " this range, in part because they use location services. Check the name and installation"
186             + " date to see if you recognize installing this app yourself, and familiarize yourself with"
187             + " its capabilities through its permissions.");
188     } else if (riskValue >= 50 && riskValue < 70) {
189         assessmentOutput.setText("This app is likely to be spyware.\n\nThe more suspicious permissions an app"
190             + " uses, the more capabilities the app has to invade your privacy.");
191     } else {
192         assessmentOutput.setText("This app is very likely to be spyware.\n\nThe maximum risk value is 129.05."
193             + " The closer an app's risk value is to 129.05, the more likely it is to be spyware"
194             + " due to the number of dangerous and spyware-linked permissions it uses.");
195     }
196     return data[4];
197 }
198 // Changes display in bottom right panel according to list selection in first panel
199 void getPermissionDetails(String str) {
200     String[] result1 = str.split("\n");
201
202     descriptionOutput.setText("");
203
204     if (!(result1[0].equals("")))) {
205         for (String s : result1) {
206             String[] result2 = s.split(" ");
207             descriptionOutput.append(result2[1] + "\n" + result2[0].toUpperCase() + "\n"
208                 + permDescMap.get(result2[1]) + "\n\n");
209         }
210     }
211     descriptionOutput.setCaretPosition(0);
212 }
213 }
214

```