


Analyzing Xavier: An Information-Stealing Ad Library on Android

Appendix



TrendLabs Security Intelligence Blog
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Mobile Threat Response Team
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Package Name of Apps Containing Xavier:

Package Name	Download Count	Remove Xavier Date
com.ijksoftware.pdfcreator.camscanner	10000-50000	5/13/2017
com.writeonpicture.textphoto	100000-500000	5/13/2017
com.inateam.cooler.master	500000-1000000	5/13/2017
com.equalizer.volumebooster	1000000-5000000	5/13/2017
com.styletext.font.textonphotos	100000-500000	5/14/2017
com.easytool.screenoff	100000-500000	5/13/2017
com.inateam.pdfreader	100000-500000	5/13/2017
com.placideagles.volumebooster	500000-1000000	5/13/2017
com.allinOne.openquickly	1000000-5000000	5/13/2017
com.inateam.ziprar	100000-500000	5/13/2017
com.coramobile.speedbooster.cleaner	1000000-5000000	5/13/2017
com.coramobile.security.antivirus	1000000-5000000	5/12/2017
com.cleaner.memorybooster.ramoptimizer	1000000-5000000	5/13/2017
com.coramobile.powerbattery.batterysaver	100000-500000	5/12/2017
com.pdfviewer.pdfreader.edit	500000-1000000	5/13/2017
com.cutterringtone.mp3cutter	100000-500000	5/14/2017
com.coramobile.phonecooler.cpucoolermaster	1000000-5000000	5/12/2017
com.autolockscreen.taptaplock	50000-100000	5/13/2017
com.easycapture.screenshot	50000-100000	5/14/2017
com.unziptool.rareextractor	50000-100000	11/18/2016
com.convertmp3.videoconverter	50000-100000	5/13/2017
com.lollicontact.caller	50000-100000	5/13/2017
com.fattys.automaticcallrecording	100000-500000	5/13/2017
com.ponosnocelleh.lolipoptheme	50000-100000	5/13/2017
com.ponosnocelleh.threedtheme	100000-500000	5/13/2017
com.mothrrmobile.volume	100000-500000	5/13/2017
com.greenapp.voicerecorder	10000-50000	5/13/2017
com.sunny.text2photo	100000-500000	5/13/2017
com.fingerprint.lockscreen.prank	100000-500000	5/13/2017
com.keeprr.cutpastephoto	100000-500000	5/13/2017
com.billowey.equalizer.bassbooster	100000-500000	5/13/2017
com.fattysgui.beautyfont	100000-500000	5/13/2017

Package Name	Download Count	Remove Xavier Date
com.aecenraw.emojionphoto	50000-100000	5/13/2017
com.appworksui.myfonts	100000-500000	5/13/2017
com.forecast.weatherlive.weather	10000-50000	5/13/2017
com.finder.photo.imagesearch	10000-50000	5/13/2017
com.galaxygame.fighterwar	100000-500000	5/13/2017
com.djayfree.mp3djmix	100000-500000	5/13/2017
com.qrscan.qrreader.qrcode	10000-50000	5/13/2017
com.yamagame.stormfighter	100000-500000	5/13/2017
com.minfiapps.screenshost_capture	100000-500000	5/13/2017
com.photogrid.frame.photocollage	10000-50000	5/13/2017
com.greenapp.slowmotion	100000-500000	5/13/2017
net.camspecial.clonecamera	500000-1000000	5/13/2017
com.rartool.superextract	100000-500000	5/13/2017
com.fattystudioringtone.mp3cutter	50000-100000	5/13/2017
com.aepictur.textphoto	100000-500000	5/13/2017
com.live3d.wallpaperlite	100000-500000	5/13/2017
com.xatedses.changehaircoloreye	100000-500000	5/13/2017
com.podhengy.haircolor	100000-500000	5/13/2017
com.mobilescreen.capture	100000-500000	5/13/2017
com.keeprrr.textonphoto	100000-500000	5/13/2017
com.mobiletool.rootchecker	100000-500000	5/13/2017
com.galaxy.strikeforce	1000000-5000000	5/13/2017
com.podhengy.photoapp	50000-100000	5/13/2017
com.albumpro.videoslide.galleryphoto	50000-100000	5/13/2017
com.gpsonline.phonetracker	500000-1000000	5/13/2017
com.maxmittek.livewallpaperaquariumfishfish	50000-100000	5/13/2017
com.maxmittek.beachwallpaper	50000-100000	5/13/2017
com.xatedsesmobile.picturesketch	100000-500000	5/13/2017
com.efflicnetwork.ringtonecutter	50000-100000	5/13/2017
com.gigmobile.booster	100000-500000	5/13/2017
com.ponosnocelleh.launchers7	100000-500000	5/13/2017
com.magicvideo.editor.reversevideo	50000-100000	5/12/2017
com.azurersweet.djvirtual	500000-1000000	5/12/2017
com.sevideo.slideshow.videoeditor	1000000-5000000	5/12/2017

Package Name	Download Count	Remove Xavier Date
com.fourapps.musicplayer.videoplayer	100000-500000	5/12/2017
com.slowmotion.videoslow	500000-1000000	5/12/2017
com.fourvideo.videoshow.videoslide	1000000-5000000	5/12/2017
com.azurersweet.app2sdandremover	100000-500000	5/12/2017
com.azureer.vpnproxy.supervpn	500000-1000000	5/12/2017
com.azurersweet.launcher	50000-100000	5/12/2017
com.appgpfqa.prankcrackscreen	500000-1000000	5/12/2017
com.photoshow.videoeditor.slide	100000-500000	5/12/2017
com.azurersweet.beautymakeup	100000-500000	5/12/2017

SHA256 for ANDROIDOS_XAVIER.AXM

SHA256
dc1f0b3620c0f5f17e5fbd5fb9e335fbafcf2839972d328b312dfb53729ec002
50125659928d3277cdf307f794bda36768363f9294f01af61d5a702273e91ef9
2802c541cb9d4e873f4aea93eaa345405dbad1972b63dfca8a96d6ef0f6dda5c
a8185844eea259430934d344afa8134eb9fbba4eec834222518bbb1716824c73
65054d16d36af9993f878d2230fe58c69363599147b58b1f789891d40b040b47
f9bf823612ec8c70452772b09e75e4a191d195fff48244961cb7d4838be0baab
039ebf2a1312770a3e0e8a0777b6e64cdd33aa962d7f3473bbe1312fa5ed19bb
9c5385851f14cc46bb15614ade0ad313d5af19038e21289f160067edf3808c95
0b4f21914bf2e447db9407d4a5a143b39bc6a5aa4ed27135320129dc5f1ce178
7db279c34128ba0ec57c9b2cce813a3d4e8e18ffbfd8cd12a8301e0852bd6059
34cc8c74e2ee812b3b671d36d0abbe6540ad9ee0355dbca77e6ab472c8ff7405
f5cfe8ce08661d87ca8893f922bbf0add2d8cbbe8e918f67bab294666d923c45
c753cc36ab6f8e7be2ffa54ef4dcbc5c740fbbfdd75a2e7f3374db6f4180e187
28504dbe4d0f61152571a61b6e8d45cf758967ad79268c23e95ea3dcdf1ad284
5c8ec795635c7d98966dfd9cba8f80b0b85fedd5703dd9285d3f9ff4891ece84
3f3c4b573f77390cbd852f2b86450979d7d23cfea43f8836e1b8b194abc5f6d
f1bd1955ad93a0c16410bc64758e70780b965f80e17f2a49e490c907a9dfb952
6839b88624eb5bf9a0783293fa7e940fb736ee37f746c68cb880b0b171125d0c
7127825c01dd0e4da2a3bbacb08e5f2a4104de142cb4ae5181be489e376d4320
e3511e4fea35317e3af30ae805031f04112073c0989abdd87e7c564ca694f989
4746caac5ae28230b49e5b5430f1e2b0a869bcc69e51a94a686a47ec52631f8a
07795204a5a4c6a0c70e3b70bf25d4574d0955bb112586647eb4f6b6dd9213bd

SHA256
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31da4b5e2d0914530ccddd922ddc7ab86b5504bd301e057958986b6cc4a69258
5f5d1ed09f98ae4d1ed9c3349dc400b1a36f2723093fbb4d1df5c5d7237e704a
4eebab90732688d2645f9dcd365000b41f0deb0976ceef9d4a4d933ec4774c45
35ef43687a7e6ca6176c05abc16e670bf368d9364647a2c740c23c1950831031
3f8bd3be55364d03788bc2375cc5ef1f8d3da589204bb8d84d7c0970df4c3912
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2f6e9acf98d9b4fe92f50a4157a0fe7771c215dac35a86c2083d203d913fd403
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cf6d99a06117b34b58c8c0758180a5e39e4ed53edd2760f0f83c444d5fea9dbb
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5e633afe196ff3ba794e5e65575e88d3bb28d43ef6280ad4a4bef0e9de259063
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1c1f6b3d0fa21b5fd0528d7ca706250b349481c9f8e982ce74596f5c4f84cae7
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d0c6bd584fb07f652f3cdc5a7bbc6ca4b58936b0d318f8bfa07a9b84aae4db16
1647b9ce206d9a775718e71b391a8827c1f731bd4366042ca846e44630f119a0
99fafaddb1a160b5709b26c39077be88fd912a8450e9dbc7c1f091b5d7f0f38b
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SHA256
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9ee88892688088bbec7ae42bfd71a1c8e0bb6914a1d44de66d8b1298c70370f
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SHA256
4390d006a11a01db1d8d332c6d312922256382034e5e4a8ce0b4c99eac1bcc45
271a74b1476027d25eec77dd352f843906d2f7ea9f5396d34350661d7242da4b
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d97a69d561a0d8b56d7ce8b281b6d3984538882bfdd835d51c8368b7ce717f88
c62cfe83b95b55303baf046ad7d99b8ca4d3cad4729460191a5a3339639f97bc
cf1542541c155dbd8ffeed952922eccc2e8a9c12e6f98dd85c4df996ee279c46
fd1eb358d90410e7ac734e2a581b886cc10bd0c817d25d08485daac781a25d29
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b9481546448b64d22ec24de8d7800a9c9487490ec6bf2d1d2d54b203abf2b106
228c01021d917bdc2858b07b21ec9e5103e2b85ae42aabccf933de958639b55c
39f24c6fba8c041d2c520447f700e97c16769e0064f7af54b4dcb0eb0b78096d
96139bd6f7c537af2fdf8aa3ceedd76b0959322401b11965703e2d433c0db03b

SHA256
409b0d085027dccb23db157119fb317d5c3cb580ba490d93fff39f907d018c
51a8bb83ebbe440f8600723b22399c77e64722525b19c78182b854270c84c12d
3350e82894716d5640801ba2172510c3c66884d690fc1e61878a8f81f45b23d1
cc9f222b4b2f882892e5cb061e2f723aa37aaaff2d574127a957ded74ac01386
907f78db67858038f5e36a097a3036aaa62c1b66498d88c08b592859d997c98f
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a42a9986d5537eed55891c6f183da72097485466dd208e97f300412c51b8b28
8a1eb641cc67cd7229bf9cd1a103e3d37a1a6015ff3e9f17680fc759bc619187
91b0fa2f647e412a32b2220687d6be5f9f552053ed672cef04e5855f52ae1a66
94c9cd4c944e92aad046f14c5cfc242e462738209f881575c6b866e0ec9586e0
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