

General Information

Analysis Start Time	2016-12-18 12:26:43
Analysis End Time	2016-12-18 12:29:00
File MD5	41E7A8697D38C110096EDE7E8E369342
File Size	1.15 MB
File Name	33.apk
Package Name	com.centuryutils.laepkooo
Version Code	350
Version Name	3.5.0
Min SDK	8
Target SDK	8
Max SDK	N/A
Pcap File	[p] (/file_download?md5=41E7A8697D38C110096EDE7E8E369342&type=pcap)
Logcat File	🕼 (/file_download?md5=41E7A8697D38C110096EDE7E8E369342&type=logcat)



Risk Score

100

Risky Behaviors

Connects to the Internet	
Executes a Internet request	
Exist unused permissions	
Gets packages installed on the device	
Loads code dynamically	
Utilizes Java reflection	

Malware Detected by VirusTotal

(https://www.virustotal.com/en/file/45b322c9afd30c0d1f66244736452890fd072a1cce4483c3a929a6abbd98370b/an

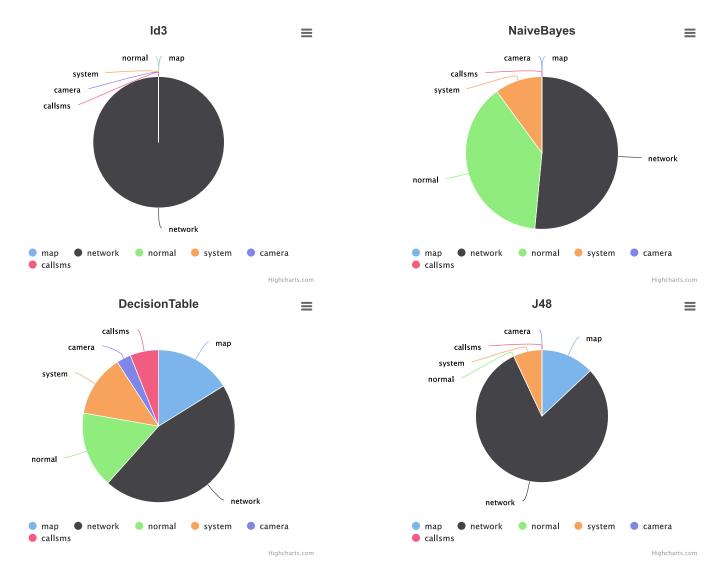
AVG	Android/DownloaderAdload
Ad-Aware	Android.Adware.AppQuanta.B
Baidu-International	•
BitDefender	Android.Adware.AppQuanta.B
ESET-NOD32	a variant of Android/Adload.A potentially unwanted
F-Secure	Android.Adware.AppQuanta.B

Fortinet	•
Kaspersky	•
McAfee	Artemis!41E7A8697D38
Qihoo-360	•
Symantec	•

Certificate

	Keyldentifier [0000: 07 AC BC C1 80 F1 7D DF D9 7D 9A EF 32 6D 5F 1D2m 0010: 53 BB EB 67 Sg]]
	12:06:61:E6:8D:B3:B3:DD:52:59:C6:B6:AA:70:29:C4:EE:9E:08:EC:B4:C5:69:56:E6:6C:C7:04:75:33:90:5A Signature algorithm name: SHA256withRSA Version: 3 Extensions: #1: ObjectId: 2.5.29.14 Criticality=false SubjectKeyIdentifier
	E2:6F:03:A7:6B:E6:DA:D3:2B:18:F2:52:71:B7:02:D7:C6:16:21:9E SHA256:
	E2:37:71:86:8C:D3:37:BF:E7:1D:73:83:5D:18:A1:50 SHA1:
	676c2392 Valid from: Tue Jul 16 15:03:25 CST 2013 until: Sun Jul 16 15:03:25 CST 2113 Certificate fingerprints: MD
Content	Owner: CN=cn, OU=ou, O=o, L=I, ST=st, C=CN Issuer: CN=cn, OU=ou, O=o, L=I, ST=st, C=CN Serial num

Classification



Code Features

Code Feature	Used
Native Code	•
Dynamic Loader	•
Java Reflection	•
Crypto	•

Permissions

Permission Name	Protection Level	Threat Level	Customized	Duplicated	Used	Description
android.permission.ACCESS_N ETWORK_STATE	normal	333	6	8	•	Allows applications to access information about networks
android.permission.ACCESS_ WIFI_STATE	normal	333	8	8	8	Allows applications to access information about Wi-Fi networks
android.permission.GET_TASK S	dangerous	000000	0	0	O	Group of permissions that are related to the other applications running apps, or killing background processes. Allows an application to get information about the currently or recently running tasks.
android.permission.INTERNET	dangerous	000000	8	8	•	Used for permissions that provide access to networking services. The or other related network operations. Allows applications to open network sockets.
android.permission.READ_PHO NE_STATE	dangerous	2000000	8	8	0	Allows read only access to phone state. targetSdkVersion is 4 or higher.
android.permission.RECEIVE_ BOOT_COMPLETED	normal	000	0	•	•	Allows an application to receive the to the user.
android.permission.VIBRATE	normal		8	8	8	Allows access to the vibrator
android.permission.WRITE_EX TERNAL_STORAGE	dangerous	0000000	8	8	0	Allows an application to write to external storage. { android.content.Context#getExternalCa cheDir}.
com.android.launcher.permissio n.INSTALL_SHORTCUT	dangerous	000000	0	0	0	N/A
com.android.launcher.permissio n.UNINSTALL_SHORTCUT	dangerous	000000	0	0	0	N/A

Activities

Name	Main Activity	Exposed
com.appquanta.wk.MainActivity	0	8
com.centuryutils.laepkooo.MyActivity android.intent.action.MAIN	•	•

Services

Name	Exposed
com.appquanta.wk.MainService	•

Broadcast Receivers

Name	Dynamically Registered	Exposed
com.appquanta.dll.bookreader.BookReader\$AppPingReceiver	•	0
com.appquanta.wk.k	•	0
com.appquanta.wk.s	•	0
com.centuryutils.laepkooo.MyReceiver • android.intent.action.BOOT_COMPLETED	8	•

Content Providers

N/A

Features

N/A

Libraries

N/A

Advertisement Modules

N/A

IP Distribution

0

Urls

Country	Url	IP
China	a.appquanta.com/m/init.jsp	117.121.21.114
China	c1.apkads.com/get/m/20141120/53064141867841c4baa6a8d1ff5ba1a5.718934.45608.data	121.194.5.219
China	sf.h5gogo.com/m/a.jsp	117.121.21.121
China	N/A	117.121.21.121
China	N/A	121.194.5.219

Country	Url	IP
China	N/A	121.194.5.218
China	N/A	117.121.21.114
China	N/A	121.195.115.79

Sensitive Files

N/A

Native Codes

N/A

Dynamic Loaders

Dex Path	Lib Path	Caller Code	Path Index
/data/app/com.centuryutils.laepkooo-1.apk	N/A	N/A	N/A
/data/data/com.centuryutils.laepkooo/files/cookiemanager -53.zip	N/A	N/A	N/A

Crypto Operation

N/A

Network Operations

N/A

Socket Connections

N/A

File Operations

Operation	File Path	Data
read	/data/data/com.centuryutils.laepkooo/files/app_s ettings	x\x01:I\xef\xbf\xbdE\xef\xbf\xbdz#\x7f\xef\xbf\xbd\x12B\xef\xbf\xbd\x117\xef\xbf\xbd\x0c\x0f>\xef\xbf\xbd\xbd\x0c\x0f>\xef\xbf\xbd\xbd\x12B\xef\xbf\xbd\x117\xef\xbf\xbd\x0c\x0f>\xef\xbf\xbd\xef\xbf\xbf\xbd\xef\xbf\xbf\xbd\xef\xbf\xbd\xef\xbf\xbf\xbd\xef\xbf\xbf\xbd\xef\xbf\xbf\xbd\xef\xbf\xbf\xbd\xef\xbf\xbf\xbd\xef\xbf\xbf\xbd\xef\xbf\xbf\xbd\xef\xbf\xbf\xbf\xbd\xef\xbf\xbf\xbd\xef\xbf\xbf\xbf\xbd\xef\xbf\xbf\xbf\xbd\xef\xbf\xbf\xbd\xef\xbf\xbf\xbf\xbf\xbf\xbf\xbf\xbf\xbf\xb
read	/data/data/com.centuryutils.laepkooo/files/a4afe5 7e-d9f9-49f1-a1a5-2c7aeed04e50	#_\$\xef\xbf\xbd\xef\xbf\xbdB\xef\xbf\xbd\xbd\xef\xbf\xbd\xbf\xbd\xef\xbf\xbd\xbd\xef\xbf\xbd\xbd\xef\xbf\xbd\xbd\xef\xbf\xbd\xbd\xef\xbf\xbd\xbd\xef\xbf\xbd\xbd\xef\xbf\xbd\xbd\xef\xbf\xbd\xbd\xef\xbf\xbd\xbd\xef\xbf\xbd\xbd\xef\xbf\xbd\xbd\xef\xbf\xbd\xbd\xef\xbf\xbd\xbd\xef\xbf\xbd\xbd\xbd\xef\xbf\xbd\xbd\xef\xbf\xbd\xbd\xef\xbf\xbd\xbd\xef\xbf\xbd\xbd\xbd\xef\xbf\xbd\xbd\xef\xbf\xbd\xbd\xbd\xef\xbf\xbd\xbd\xef\xbf\xbd\xbd\xbd\xef\xbf\xbd\xbd\xef\xbf\xbd\xbd\xbd\xef\xbf\xbd\xbd\xef\xbf\xbd\xbd\xbd\xef\xbf\xbd\xbd\xbd\xbd\xbd\xbd\xbd\xbd\xbd\xbd
		d63\x0d\xef\xbf\xbf\xbd\xef\xbf\xbf\xbd\xef\xbf\xbf\xbd\xef\xbf\xbf\xbd\xef\xbf\xbf\xbd\xef\xbf\xbf\xbd\xef\xbf\xbf\xbd\xef\xbf\xbf\xbd\xef\xbf\xbf\xbd\xef\xbf\xbf\xbd\xef\xbf\xbf\xbd\xef\xbf\xbf\xbd\xef\xbf\xbf\xbf\xbd\xef\xbf\xbf\xbf\xbf\xbf\xbf\xbf\xbf\xbf\xb

Operation	File Path	Data
read	/data/data/com.centuryutils.laepkooo/files/a4afe5 7e-d9f9-49f1-a1a5-2c7aeed04e50	\xef\xbf\xbd\x0cG#\xef\xbf\xbdXq\xef\xbf\xbd\xef\xbf\xbd\x1e\xef\xbf\xbd4\x0d\xef\xbf\xbd8\xef\xbf\xbd8\xef\xbf\xbd\xbf\xbd\xef\xbf\xbd\xbf\xbd\xef\xbf\xbd\xef\xbf\xbd\xef\xbf\xbd\x\ef\xbf\xbd\x\ef\xbf\xbd\x\ef\xbf\xbd\x\ef\xbf\xbd\x\ef\xbf\xbd\x\ef\xbf\xbd\xef\xbd\xbd\xef\xbd\xbd\xef\xbd\xbd\xef\xbd\xbd\xef\xbd\xbd\xef\xbd\xbd\
read	/data/data/com.centuryutils.laepkooo/files/cookie manager-53.zip	lem:lem:lem:lem:lem:lem:lem:lem:lem:lem:
read	/data/data/com.centuryutils.laepkooo/files/a4afe5 7e-d9f9-49f1-a1a5-2c7aeed04e50	\xef\xbf\xbd\\xef\xbf\xbd\\x1d\\xef\xbf\xbd\\x1b\\xef\xbf\xbd\\xef\xbf\xbd\\xef\xbf\xbd\\x1c\\xef\xbf\xbd\\x1c\\xef\xbf\xbd\\x1c\\xef\xbf\xbd\\x1c\\xef\xbf\xbd\\x1c\\xef\xbf\xbd\\x1c\\xef\xbf\xbd\\x1c\\xef\xbf\xbd
read	/data/data/com.centuryutils.laepkooo/files/cookie manager-53.zip	\xef\xbf\xbd\x02\xef\xbf\xbd\xef\xbf\xbd\xef\xbf\xbd\xef\xbf\xbd\xef\xbf\xbd\xef\xbf\xbd\x1c\xef\xbf\xbd\x\d\xef\xbf\xbd\x\d\xef\xbf\xbd\x\d\xef\xbf\xbd\x\d\xef\xbf\xbd\x\d\xef\xbf\xbd\x\d\xef\xbf\xbd\xef\xbf\xbd\xef\xbf\xbd\xef\xbf\xbd\xef\xbf\xbd\xef\xbf\xbd\xef\xbf\xbd\xef\xbf\xbd\xef\xbf\xbd\xef\xbf\xbd\xef\xbf\xbd\xef\xbf\xbd\xef\xbf\xbd\x\d\xef\xbf\xbd\x\d\xef\xbf\xbd\x\d\xef\xbf\xbd\x\d\xef\xbf\xbd\x\d\xef\xbf\xbd\x\d\x\d\x\d\x\d\x\d\x\d\x\d\x\d\x\d
read	/mnt/sdcard/.mydata/.d40b7b8e2b735ccb	x\x01:!\xef\xbf\xbds\xef\xbf\xbd>\x7f*\xef\xbf\xbdoJ\xef\xbf\xbd\x090\xef\xbf\xbdZ8<\xef\xbf\xbd
read	/data/data/com.centuryutils.laepkooo/files/cookie manager-53.zip	PK\x05\x06
read	/data/data/com.centuryutils.laepkooo/files/cookie manager-53.zip	\xed\x8d\x8ft\xef\xbf\xbd\xef\xbf\xbd\xef\xbf\xbd\xof\xbf\xbd\x07\xef\xbf\xbd\xdd\xd7\xa1\xef\xbf\xbd\xd1\x11\xef\xbf\xbd\xd1\xqf\xbf\xbd\xd1\xd1\xqf\xbf\xbd\xd1\xd1\xqf\xbf\xbd\xd1\xqf\xbf\xbd\xd1\xqf\xbf\xbd\xd1\xqf\xbf\xbd\xd1\xqf\xbf\xbd\xd1\xqf\xbf\xbd\xqf\xbf\xbd\xqf\xbf\xbd\xqf\xbf\xbd\xqf\xbf\xbd\xqf\xbf\xbd\xqf\xbf\xbd\xqf\xbf\xbd\xqf\xpf\xbf\xbd\xqf\xbf\xbd\xqf\xpf\xbf\xbd\xqf\xpf\xbf\xbd\xqf\xqf\xbf\xbd\xqf\xqf\xbf\xbd\xqf\xqf\xpf\xbf\xbd\xqf\xqf\xpf\xbf\xbd\xqf\xqf\xpf\xbf\xbd\xqf\xpf\xbf\xbd\xqf\xpf\xbf\xbd\xqf\xpf\xbf\xbd\xqf\xpf\xbf\xbd\xqf\xpf\xbf\xbd\xqf\xpf\xbf\xbd\xqf\xpf\xbf\xbd\xqf\xpf\xbf\xbd\xqf\xpf\xbf\xbd\xqf\xpf\xbf\xbd\xqf\xpf\xbf\xbd\xqf\xpf\xbf\xbd\xqf\xpf\xbf\xbd\xqf\xpf\xbf\xbd\xqf\xpf\xbf\xbd\xqf\xpf\xbf\xbd\xqf\xpf\xbf\xbd\xqf\xpf\xpf\xbd\xqf\xpf\xpf\xbd\xqf\xpf\xpf\xpf\xbd\xqf\xpf\xpf\xpf\xpf\xpf\xpf\xpf\xpf\xpf\xp
read	/data/data/com.centuryutils.laepkooo/files/e1cff9 3d-433f-4fd0-be64-9b6eddc1b819	x\x01:\frac{1}{xefxbfxbdB\xefxbfxbd},ju\xefxbfxbd\x12\xefxbfxbd\x12\xefxbfxbd\x12\x17\x08\xefxbfxbd\x00\xefxbfxbd\x00\xefxbfxbd\xe
read	/data/data/com.centuryutils.laepkooo/files/a4afe5 7e-d9f9-49f1-a1a5-2c7aeed04e50	PK\x03\x04\x0a\x00\x00\x00\x08\x00\x19`\xef\xbf\xef\xbf\xbdam\xef\xbf\xbd\xef\xbf\xbd\x00\x00\x00\x00\x00\x00\x00\x00\x00\x0
read	/data/data/com.centuryutils.laepkooo/files/a4afe5 7e-d9f9-49f1-a1a5-2c7aeed04e50	\xef\xbf\xbde\xef\xbf\xbd\x06\xd9\x99\xef\xbf\xbd.\xef\xbf\xbd1(\xef\xbf\xbd\x1e\xef\xbf\xbd\xef\xbf\x
read	/data/data/com.centuryutils.laepkooo/files/a4afe5 7e-d9f9-49f1-a1a5-2c7aeed04e50	s\$\xef\xbf\xbd\xef\xbf\xbd\xef\xbf\xbd\xef\xbf\xbdz\xc6\x89\xef\xbf\xbdC\x02W\xdb\x84>\xef\xbf\xbd\xd\xef\xbf\xbd\xd\xef\xbf\xbd\xd\xef\xbf\xbd\xd\xef\xbf\xbd\xd\xef\xbf\xbd\xd\xef\xbf\xbd\xd\xef\xbf\xbd\xd\xef\xbf\xbd\xd\xef\xbf\xbd\xd\xef\xbf\xbd\xd\x\ef\xbf\xbd\x\ef\xbf\xbd\x\ef\xbf\xbd\x\ef\xbf\xbd\x\ef\xbf\xbd\x\ef\xbf\xbd\x\ef\xbf\xbd\x\ef\xbf\xbd\x\ef\xbf\xbd\x\ef\xbf\xbd\x\ef\xbf\xbd\x\ef\xbf\xbd\x\ef\xbf\xbd\x\ef\xbf\xbd\x\ef\xbf\xbd\x\ef\xbf\xbd\x\ef\xbf\x\ef\xbf\xbd\x\ef\x\ef\xbf\xbd\x\ef\x\ef\xbf\x\ef\xbf\x\ef\x\ef\xbf\x\ef\x\e

Operation	File Path	Data
read	/data/data/com.centuryutils.laepkooo/files/a4afe5 7e-d9f9-49f1-a1a5-2c7aeed04e50	\xef\xbf\xbd\x10\xef\xbf\xbd\xef\xbf\xbd*\xef\xbf\xbd\xbd\xef\xbf\
read	/mnt/sdcard/.mydata/.94631404c1179a8a	$x \ x \ x \ x \ x \ x \ x \ x \ x \ x \$
read	/data/data/com.centuryutils.laepkooo/files/cookie manager-53.zip	7\xef\xbf\xbd\xef\xbf\xbd\x3\xef\xbf\xbd\xef\xbf\xbd\xc5\xbf3\xef\xbf\xbd\\xc6\xbf\xbd\\x07\xef\xbf\xbd\\x07\xef\xbf\xbd\\x07\xef\xbf\xbd\\x08\x17\xef\xbf\xbd\xd\x11\xef\xbf\xbd\xd\xef\xbf\xbd\xd\xef\xbf\xbd\xef\xbd\xef\xbf\xbd\xef\xbf\xbd\xef\xbf\xbd\xef\xbd\xef\xbd\xe
read	/data/data/com.centuryutils.laepkooo/files/cookie manager-53.zip	PK\x01\x02\x14\x03\x0a\x00\x00\x00\x08\x00\x19`\xef\xbf\xef\xbf\xbdam\xef\xbf\xbd\xef\xbf\xbd\xef\xbf\xbd\xef\xbf\xbd\xef\xbf\xbd\xef\xbf\xbd\xef\xbf\xbd\xef\xbf\xbd\xef\xbf\xbd\xef\xbf\xbd\xef\xbf\xbd\xef\xbf\xbd\xef\xbf\xbd\xef\xbf\xbd\xef\xbf\xbd\xo0\x00\x00\x00\x00\x00\x00\x00\x00\x00
read	/data/data/com.centuryutils.laepkooo/files/cookie manager-53.zip	\x00\x00\x00\x00\x00\x01\x000\x01\x009\x00\x00\x00\x00\xd9\xb1\x00\x00\x00\x00
read	/dev/urandom	lem:lem:lem:lem:lem:lem:lem:lem:lem:lem:
read	/data/data/com.centuryutils.laepkooo/files/cookie manager-53.zip	k=\xef\xbf\xbd\x0b\xef\xbf\xbd\xe6\x90\xb7v\xef\xbf\xbd\ \xef\xbf\xbd\x0a\xef\xbf\xbd\xbd\xef\xbf\xbd\x\delx\delx\delx\delx\delx\delx\delx\d
write	/data/data/com.centuryutils.laepkooo/files/a4afe5 7e-d9f9-49f1-a1a5-2c7aeed04e50	\xef\xbf\xbd\xef\xbf\xbd\xef\xbf\xbd\x7f\xef\xbf\xbd\x19\xef\xbf\xbd\\xef\xbf\xbd\xef\xbf\xbd\xef\xbf\xbd\\xef\xbf\xbf\xbd\\xef\xbf\xbf\xbd\\xef\xbf\xbf\xbd\\xef\xbf\xbf\xbd\\xef\xbf\xbf\xbd\\xef\xbf\xbf\xbd\\xef\xbf\xbf\xbd\\xef\xbf\xbf\xbd\\xef\xbf\xbf\xbd\\xef\xbf\xbf\xbd\\xef\xbf\xbf\xbd\\xef\xbf\xbf\xbd\\xef\xbf\xbf\xbf\xbd\\xef\xbf\xbf\xbd\\xef\xbf\xbf\xbf\xbd\\xef\xbf\xbf\xbd\\xef\xbf\xbf\xbd\\xef\xbf\xbf\xbd\\xef\xbf\xbf\xbd\\xef\xbf\xbf\xbd\\xef\xbf\xbf\xbf\xbd\\xef\xbf\xbf\xbf\xbf\xbf\xbf\xbd\\xef\xbf\xbf\xbf\xbf\xbf\xbf\xbf\xbf\xbf\xb
write	/data/data/com.centuryutils.laepkooo/files/app_s ettings	x\x01:!\xef\xbf\xbdE\xef\xbf\xbdz#\x7f\xef\xbf\xbd\x12B\xef\xbf\xbd\x117\xef\xbf\xbd\x0c\x0f>\xef\xbf\xbd\x12B\xef\xbf\xbd\x117\xef\xbf\xbd\x0c\x0f>\xef\xbf\xbd\xbd\xef\xbf\xbd\xbd\xef\xbf\xbd\xbd\xef\xbf\xbd\xbd\xef\xbf\xbd\xbd\xef\xbf\xbd\xbd\xef\xbf\xbd\xbd\xef\xbf\xbd\xbd\xef\xbf\xbd\xbd\xef\xbf\xbd\xbd\xef\xbf\xbd\xbd\xef\xbf\xbd\xbd\xef\xbf\xbd\xbd\xef\xbf\xbd\xbd\xef\xbf\xbd\xbd\xbd\xef\xbf\xbd\xbd\xef\xbf\xbd\xbd\xef\xbf\xbd\xbd\xef\xbf\xbd\xbd\xef\xbf\xbd\xbd\xef\xbf\xbd\xbd\xef\xbf\xbd\xbd\xef\xbf\xbd\xbd\xef\xbf\xbd\xbd\xef\xbf\xbd\xbd\xef\xbf\xbd\xbd\xef\xbf\xbd\xbd\xef\xbf\xbd\xbd\xef\xbf\xbd\xbd\xef\xbf\xbd\xbd\xef\xbf\xbd\xbd\xef\xbf\xbd\xbd\xef\xbd\xef\xbd\xbd\xef\xbd\xbd\xef\xbd\xef\xbd\xbd\xef\x
write	/data/data/com.centuryutils.laepkooo/files/a4afe5 7e-d9f9-49f1-a1a5-2c7aeed04e50	\xef\xbf\xbdB\xef\xbf\xbdxq\xef\xbf\xbd \xce\xa4 \xcc\x81\xef\xbf\xbd\x04\xda\xac\xef\xbf\xbd\xef\xbf\xbf\xbd\xef\xbf\xbf\xbd\xef\xbf\xbf\xbd\xef\xbf\xbf\xbf\xbd\xef\xbf\xbf\xbf\xbf\xbf\xbf\xbf\xbf\xbf\xb
write	/mnt/sdcard/.mydata/.94631404c1179a8a	x\x01:!\xef\xbf\xbdB\xef\xbf\xbd7z\$\xef\xbf\xbdT\x09\xef\xbf\xbd9\x1e\xef\xbf\xbdB\x00\x0e\xef\xbf\xbd\d\d\xef\xbf\xbd\xef\xbd\xef\xbf\xbd\xef\xbf\xbd\xef

Operation	File Path	Data
write	/data/data/com.centuryutils.laepkooo/files/a4afe5 7e-d9f9-49f1-a1a5-2c7aeed04e50	\xef\xbf\xbd\x09\xef\xbf\xbdK\xef\xbf\xbdO\xef\xbf\xbd\xef\xbf\xbd\- \xcf\xa7\xef\xbf\xbd\xef\xbf\xbf\xbd\xef\xbf\xbf\xbd\xef\xbf\xbd\xef\xbf\xbd\xef\xbf\xbd\xef\xbf\xbd\xef\xbf\xbd\xef\xbf\xbd\xef\xbf\xbd\xef\xbf\xbd\xef\xbf\xbd\xef\xbf\xbf\xbd\xef\xbf\xbf\xbd\xef\xbf\xbf\xbd\xef\xbf\xbf\xbd\xef\xbf\xbf\xbf\xbd\xef\xbf\xbf\xbd\xef\xbf\xbf\xbf\xbd\xef\xbf\xbf\xbf\xbf\xbf\xbf\xbf\xbf\xbf\xb
write	/data/data/com.centuryutils.laepkooo/files/a4afe5 7e-d9f9-49f1-a1a5-2c7aeed04e50	\xef\xbf\xbdo\x10\x1c\xef\xbf\xbd\xef\xbf\xbd\xef\xbf\xbdx\xef\xbf\xbd1p\xe7\x8b\x9a@\xef\xbf\xbd\x1 0\xd8\x97.\xef\xbf\xbd7\x024Ia\xef\xbf\xbd\xef\xbf\xbd\xef\xbf\xbdUd- "^\\xef\xbf\xbd
write	/data/data/com.centuryutils.laepkooo/files/pendin gActions	$x \ x \ x \ 1: \ 1: \ 1: \ 1: \ 1: \ 1: $
write	/data/data/com.centuryutils.laepkooo/files/a4afe5 7e-d9f9-49f1-a1a5-2c7aeed04e50	^\xef\xbf\xbd\xef\xbf\xbd\x12_k\x1d\xef\xbf\xbd\xef\xbf\xbd\xef\xbf\xbd\xef\xbf\xbd\xef\xbf\xbd\xef\xbf\xbd\xef\xbf\xbd\xef\xbf\xbd\xef\xbf\xbd\xef\xbf\xbd\xef\xbf\xbd\xef\xbf\xbd\xef\xbf\xbd\xef\xbf\xbd\x19 3\xef\xbf\xbd\xbd\xef\xbf\xbd\xbd\xef\xbf\xbd\xbd\xef\xbf\xbd\xbd\xef\xbd\xef\xbf\xbd\xbd\xef\xbd\xef\xbd\xbd\xef\xbd\xbd\xef\xbd\xbd\xef\xbd\xbd\xef\xbd\xbd\xef\xbd\xbd\xef\xbd\xbd\xef\xbd\xbd\xef\xbd\xbd\
write	/data/data/com.centuryutils.laepkooo/files/app_n ew_conf	x\x01:!\xef\xbf\xbd\\xef\xbf\xbd\x\d7k;\xef\xbf\xbd\x0aP\xef\xbf\xbd\x1f

DNS Query

QName	QType	IPs
a.appquanta.com	А	117.121.21.114
c1.apkads.com	А	121.195.115.79, 121.194.5.218, 121.194.5.219
sf.h5gogo.com	A	117.121.21.121

HTTP Data

GET a.appquanta.com /m/init.jsp HTTP/1.1 200 OK GET c1.apkads.com /get/m/20141120/53064141867841c4baa6a8d1ff5ba1a5.718934.45608.dat HTTP/1.1 200 OK POST sf h5gogg.com /m/a isp HTTP/1.1 200 OK	Method	Host	Path	Status Line
a	GET	a.appquanta.com	/m/init.jsp	HTTP/1.1 200 OK
POST sf h5gggg com /m/a isp HTTP/1 1 200 OK	GET	c1.apkads.com		HTTP/1.1 200 OK
The distribution of the di	POST	sf.h5gogo.com	/m/a.jsp	HTTP/1.1 200 OK

Files Recovered From Http

Domain	File Name	File Type	Is APK
a.appquanta.com	_m_init_jspindex.obj (/http_file? apk=41E7A8697D38C110096EDE7E8E369342&domain=a.appqu anta.com&file=_m_init_jspindex.obj)	VAX COFF executable not stripped	•
c1.apkads.com	_get_m_20141120_53064141867841c4baa6a8d1ff5ba1a5_71893 4_45608_dataindex.obj (/http_file? apk=41E7A8697D38C110096EDE7E8E369342&domain=c1.apka ds.com&file=_get_m_20141120_53064141867841c4baa6a8d1ff5b a1a5_718934_45608_dataindex.obj)	Zip archive data, at least v1.0 to extract	•

Domain	File Name	File Type	Is APK
sf.h5gogo.com	_m_a_jspindex.obj (/http_file? apk=41E7A8697D38C110096EDE7E8E369342&domain=sf.h5go o.com&file=_m_a_jspindex.obj)	VAX COFF executable	8
xecute Shells			
	N/A		
tarted Services			
	enturyutils.laepkooo/com.appquanta.wk.MainService } enturyutils.laepkooo/com.appquanta.wk.MainService }		
ay Send SMS			
	N/A		
end SMS			
	N/A		
lock SMS			
	N/A		
hone Call			
	N/A		
ata Leakage			
	N/A		
ensitive APIs			
API: Landroid/conf	tent/pm/PackageManager;->getInstalledPackages		

S

- Description: Gets packages installed on the device
- Caller Code: Lcom/appquanta/dll/bookreader/BasePage;->i()Z
- Threat Level:
- Path Index: 14
- API: Ldalvik/system/DexClassLoader;->loadClass
- Description: Loads code dynamically
- $\bullet \quad \text{Caller Code: Lcom/appquanta/wk/WkApplication; -> a (Lcom/appquanta/wkbase/WkConf\$DIIInfo; Ljava/io/File; Ljava/lang/String; Ljava/lang/St$ Lcom/appquanta/wkbase/WkClassLoadInspector;)V
- Threat Level:
- Path Index: 424
- API: Ldalvik/system/DexClassLoader;->loadClass
- · Description: Loads code dynamically
- Caller Code: Lcom/appquanta/wk/WkApplication;->loadWkClass(Landroid/content/Context; Ljava/lang/String; Lj Lcom/appquanta/wkbase/WkClassLoadInspector;)V
- Threat Level:
- Path Index: 248
- API: Ljava/lang/reflect/Method;->invoke
- Description: Utilizes Java reflection
- Caller Code: Lcom/a/c/a;->a(Ljava/lang/Object; Ljava/lang/String; Z [Ljava/lang/Class; [Ljava/lang/Class; [Ljava/lang/Object;)Ljava/lang/Object;
- Threat Level:
- Path Index: 38

• API: Ljava/lang/reflect/Method;->invoke · Description: Utilizes Java reflection • Caller Code: Lcom/a/c/a;->a(Ljava/lang/Object; Ljava/lang/String; Z [Ljava/lang/Class; [Ljava/lang/Class; [Ljava/lang/Object;)Ljava/lang/Object; Threat Level: · Path Index: 86 · API: Ljava/lang/reflect/Method;->invoke • Description: Utilizes Java reflection • Caller Code: Lcom/a/c/a;->a(Ljava/lang/Object; Ljava/lang/String; Z [Ljava/lang/Class; [Ljava/lang/Class; [Ljava/lang/Object;)Ljava/lang/Object; Threat Level: • Path Index: 112 API: Liava/net/URL;->openConnection · Description: Connects to the Internet • Caller Code: Lcom/a/b/a;->c(Ljava/lang/String; Ljava/util/Map; Ljava/util/Map; Lcom/a/b/d;)V Path Index: 26 · API: Lorg/apache/http/impl/client/DefaultHttpClient;->execute · Description: Executes a Internet request Caller Code: Lcom/a/b/a;->a(Lorg/apache/http/client/methods/HttpUriRequest; Ljava/lang/String; Ljava/util/Map; Lcom/a/b/d;)V Threat Level: • Path Index: 394 • API: Lorg/apache/http/impl/client/DefaultHttpClient;->execute · Description: Executes a Internet request • Caller Code: Lcom/a/b/a;->a(Lorg/apache/http/client/methods/HttpUriRequest; Ljava/lang/String; Ljava/util/Map; Lcom/a/b/d;)V Threat Level: • Path Index: 726

• API: Lorg/apache/http/impl/client/DefaultHttpClient;->execute

- · Description: Executes a Internet request
- Caller Code: Lcom/appquanta/ntask/b;->a(Ljava/lang/String; Ljava/io/File;)Ljava/io/File;
- Threat Level:
- Path Index: 34

• API: Lorg/apache/http/impl/client/DefaultHttpClient;->execute

- · Description: Executes a Internet request
- Caller Code: Lcom/appquanta/wk/WkApplication;->b(Z)V
- Threat Level:
- Path Index: 58

• API: Lorg/apache/http/impl/client/DefaultHttpClient;->execute

- Description: Executes a Internet request
- Caller Code: Lcom/appquanta/wk/p;->a(Ljava/lang/String; Ljava/io/File; Lcom/appquanta/wkbase/WkBaseInspector;)V

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- Threat Level:
- Path Index: 56

Permission Usage

$\bullet \ \ Permission \ Name: and roid.permission. ACCESS_NETWORK_STATE$

- Used Type: Api
- Caller Code: Lcom/appquanta/dll/bookreader/BookReader;->j()Ljava/lang/Boolean;
- $\bullet \quad \text{Callee Code: Landroid/net/ConnectivityManager; -> getActiveNetworkInfo()} Landroid/net/NetworkInfo; \\$
- Path Index: 20

• Permission Name: android.permission.INTERNET

- Used Type: Api
- Caller Code: Lcom/a/b/a;->c(Ljava/lang/String; Ljava/util/Map; Ljava/util/Map; Lcom/a/b/d;)V
- Callee Code: Ljava/net/URL;->openConnection()Ljava/net/URLConnection;
- Path Index: 26

• Permission Name: android.permission.INTERNET

- Used Type: Api
- Caller Code: Lcom/a/b/a;->a(Lorg/apache/http/client/methods/HttpUriRequest; Ljava/lang/String; Ljava/util/Map; Lcom/a/b/d;)V
- Callee Code: Lorg/apache/http/impl/client/DefaultHttpClient;->execute(Lorg/apache/http/client/methods/HttpUriRequest; Lorg/apache/http/protocol/HttpContext;)Lorg/apache/http/HttpResponse;
- Path Index: 394

• Permission Name: android.permission.INTERNET

- Used Type: Api
- Caller Code: Lcom/a/b/a;->a(Lorg/apache/http/client/methods/HttpUriRequest; Ljava/lang/String; Ljava/util/Map; Lcom/a/b/d;)V
- Callee Code: Lorg/apache/http/impl/client/DefaultHttpClient;->execute(Lorg/apache/http/client/methods/HttpUriRequest; Lorg/apache/http/protocol/HttpContext;)Lorg/apache/http/HttpResponse;
- Path Index: 726
- Permission Name: android.permission.INTERNET

- Used Type: Api
- Caller Code: Lcom/appquanta/ntask/b;->a(Ljava/lang/String; Ljava/io/File;)Ljava/io/File;
- Callee Code: Lorg/apache/http/impl/client/DefaultHttpClient;->execute(Lorg/apache/http/client/methods/HttpUriRequest;)Lorg/apache/http/HttpResponse;
- Path Index: 34

• Permission Name: android.permission.INTERNET

- Used Type: Api
- Caller Code: Lcom/appquanta/wk/WkApplication;->b(Z)V
- Callee Code: Lorg/apache/http/impl/client/DefaultHttpClient;->execute(Lorg/apache/http/client/methods/HttpUriRequest;)Lorg/apache/http/HttpResponse;
- Path Index: 58

• Permission Name: android.permission.INTERNET

- Used Type: Api
- Caller Code: Lcom/appquanta/wk/p;->a(Ljava/lang/String; Ljava/io/File; Lcom/appquanta/wkbase/WkBaseInspector;)V
- Callee Code: Lorg/apache/http/impl/client/DefaultHttpClient;->execute(Lorg/apache/http/client/methods/HttpUriRequest;)Lorg/apache/http/HttpResponse;
- Path Index: 56

• Permission Name: android.permission.INTERNET

- · Used Type: Api
- Caller Code: Lcom/a/b/a;->c(Ljava/lang/String; Ljava/util/Map; Ljava/util/Map; Lcom/a/b/d;)V
- Callee Code: Ljava/net/HttpURLConnection;->connect()V
- Path Index: 254

• Permission Name: android.permission.RECEIVE_BOOT_COMPLETED

- Used Type: Intent Action
- Callee Code: android.intent.action.BOOT_COMPLETED

Log Message

Tag Message

May Log Message

Tag	Message	Caller Code	Path Index
AQuery	2	Lcom/a/c/a;->a(Ljava/lang/Object;)V	38
AQuery	4	Lcom/a/c/a;->a(Ljava/lang/Object; Ljava/lang/Object;)V	50
AQuery	4	Lcom/a/c/a;->b(Ljava/lang/Object; Ljava/lang/Object;)V	58
Http	Error	Lcom/appquanta/ntask/b;->a(Ljava/lang/String; Ljava/io/File;)Ljava/io/File;	222
WKAPP	6	Lcom/appquanta/dll/bookreader/BasePage;- >a(Lcom/appquanta/dll/bookreader/d;)V	148
WKAPP	0	Lcom/appquanta/dll/bookreader/BasePage;- >a(Lcom/appquanta/dll/bookreader/d;)V	434
WKAPP	0	Lcom/appquanta/dll/bookreader/BookReader\$AppPingReceiver;- >onReceive(Landroid/content/Context; Landroid/content/Intent;)V	112
WKAPP	0	Lcom/appquanta/dll/bookreader/BookReader;->t()V	100
WKAPP	3	Lcom/appquanta/dll/bookreader/BookReader;- >onCreate(Lcom/appquanta/wkbase/WkFramework; Landroid/app/Activity;)V	114
WKAPP	2	Lcom/appquanta/wk/MainActivity;->onBackPressed()V	94
WKAPP	3	Lcom/appquanta/wk/MainActivity;->onCreate(Landroid/os/Bundle;)V	96
WKAPP	4	Lcom/appquanta/wk/MainActivity;->onCreate(Landroid/os/Bundle;)V	230
WKAPP	2	Lcom/appquanta/wk/MainActivity;->onDestroy()V	96
WKAPP	2	Lcom/appquanta/wk/MainActivity;->onPause()V	94
WKAPP	2	Lcom/appquanta/wk/MainActivity;->onRestart()V	94
WKAPP	2	Lcom/appquanta/wk/MainActivity;->onResume()V	94

Tag	Message	Caller Code	Path Index
WKAPP	2	Lcom/appquanta/wk/MainActivity;->onStart()V	94
WKAPP	2	Lcom/appquanta/wk/MainActivity;->onStop()V	94
WKAPP	MainService.onBind()	Lcom/appquanta/wk/MainService;- >onBind(Landroid/content/Intent;)Landroid/os/IBinder;	24
WKAPP	MainService.onCreate()	Lcom/appquanta/wk/MainService;->onCreate()V	24
WKAPP	MainService.onDestroy()	Lcom/appquanta/wk/MainService;->onDestroy()V	24
WKAPP	MainService.onLowMemory()	Lcom/appquanta/wk/MainService;->onLowMemory()V	24
WKAPP	MainService.onStart()	Lcom/appquanta/wk/MainService;->onStart(Landroid/content/Intent; I)V	24
WKAPP	MainService.onStartCommand()	Lcom/appquanta/wk/MainService;- >onStartCommand(Landroid/content/Intent; I I)I	24
WKAPP	2	Lcom/appquanta/wk/WkAppServiceBase;->e()V	62
WKAPP	WkAppServiceBase.onCreate()	Lcom/appquanta/wk/WkAppServiceBase;->onCreate()V	38
WKAPP	loadWkClassFromFile position 1	Lcom/appquanta/wk/WkApplication;- >a(Lcom/appquanta/wkbase/WkConf\$DllInfo; Ljava/io/File; Ljava/lang/String; Lcom/appquanta/wkbase/WkClassLoadInspector;)V	26
WKAPP	loadWkClassFromFile position 2	Lcom/appquanta/wk/WkApplication;- >a(Lcom/appquanta/wkbase/WkConf\$DllInfo; Ljava/io/File; Ljava/lang/String; Lcom/appquanta/wkbase/WkClassLoadInspector;)V	70
WKAPP	2	Lcom/appquanta/wk/WkApplication;- >a(Lcom/appquanta/wkbase/WkConf\$DllInfo; Ljava/io/File; Ljava/lang/String; Lcom/appquanta/wkbase/WkClassLoadInspector;)V	142
WKAPP	3	Lcom/appquanta/wk/WkApplication;- >a(Lcom/appquanta/wkbase/WkConf\$DllInfo; Ljava/io/File; Ljava/lang/String; Lcom/appquanta/wkbase/WkClassLoadInspector;)V	234
WKAPP	loadWkClassFromFile position 5	Lcom/appquanta/wk/WkApplication;- >a(Lcom/appquanta/wkbase/WkConf\$DllInfo; Ljava/io/File; Ljava/lang/String; Lcom/appquanta/wkbase/WkClassLoadInspector;)V	292
WKAPP	0	Lcom/appquanta/wk/WkApplication;- >a(Lcom/appquanta/wkbase/WkConf\$DllInfo; Ljava/io/File; Ljava/lang/String; Lcom/appquanta/wkbase/WkClassLoadInspector;)V	418
WKAPP	loadWkClassFromFile position 7	Lcom/appquanta/wk/WkApplication;- >a(Lcom/appquanta/wkbase/WkConf\$DllInfo; Ljava/io/File; Ljava/lang/String; Lcom/appquanta/wkbase/WkClassLoadInspector;)V	456
WKAPP	loadWkClassFromFile position 8	Lcom/appquanta/wk/WkApplication;- >a(Lcom/appquanta/wkbase/WkConf\$DllInfo; Ljava/io/File; Ljava/lang/String; Lcom/appquanta/wkbase/WkClassLoadInspector;)V	496
WKAPP	WkApplication.loadAppConf()	Lcom/appquanta/wk/WkApplication;->e()Z	24
WKAPP	WkApplicatoin: loadAppConf error	Lcom/appquanta/wk/WkApplication;->e()Z	124
WKAPP	4	Lcom/appquanta/wk/WkApplication;->e()Z	206
WKAPP	loadWkClass step (1)	Lcom/appquanta/wk/WkApplication;- >loadWkClass(Landroid/content/Context; Ljava/lang/String; Ljava/lang/String; I Lcom/appquanta/wkbase/WkClassLoadInspector;)V	86
WKAPP	loadWkClass step (2)	Lcom/appquanta/wk/WkApplication;- >loadWkClass(Landroid/content/Context; Ljava/lang/String; Ljava/lang/String; I Lcom/appquanta/wkbase/WkClassLoadInspector;)V	194
WKAPP	WkApplication.onCreate()	Lcom/appquanta/wk/WkApplication;->onCreate()V	202
WKAPP	3	Lcom/appquanta/wk/WkApplication;->onCreate()V	306
WKAPP	WkApplication.onTerminate()	Lcom/appquanta/wk/WkApplication;->onTerminate()V	24

Tag	Message	Caller Code	Path Index
WKAPP	6	Lcom/appquanta/wk/WkApplication;->setCookie(Lcom/appquanta/wkbase/ICookie; Z)Z	84
WKAPP	setCookie() replacing null old cookie	Lcom/appquanta/wk/WkApplication;- >setCookie(Lcom/appquanta/wkbase/ICookie; Z)Z	128
WKAPP	setCookie() replacing old cookie	Lcom/appquanta/wk/WkApplication;- >setCookie(Lcom/appquanta/wkbase/ICookie; Z)Z	192
WKAPP	setCookie() ignored	Lcom/appquanta/wk/WkApplication;- >setCookie(Lcom/appquanta/wkbase/ICookie; Z)Z	224
WKAPP	DIICreateInspector.onCreateSuccess(object): object type incorrect	Lcom/appquanta/wk/d;->onSuccess(Ljava/lang/Object;)V	68
WKAPP	InitDIIMapInspector.onCreateSuccess(object): object type incorrect	Lcom/appquanta/wk/h;->onSuccess(Ljava/lang/Object;)V	88
WKAPP	before calling wkApp.takeTaskFromQueue();	Lcom/appquanta/wk/l;->run()V	36
WKAPP	got a task and start it.	Lcom/appquanta/wk/l;->run()V	102
WKAPP	task ended, loop for another task	Lcom/appquanta/wk/l;->run()V	176
WKAPP	0	Lcom/appquanta/wk/l;->run()V	244
WKAPP	loadWkClass() position 1	Lcom/appquanta/wk/v;->onSuccess(Ljava/lang/Class; Ljava/lang/String; I)V	28
WKAPP	loadWkClass() position 2	Lcom/appquanta/wk/v;->onSuccess(Ljava/lang/Class; Ljava/lang/String; I)V	66
WKAPP	loadWkClass() position 3	Lcom/appquanta/wk/v;->onSuccess(Ljava/lang/Class; Ljava/lang/String; I)V	104
WKAPP	loadWkClass() position 4	Lcom/appquanta/wk/v;->onSuccess(Ljava/lang/Class; Ljava/lang/String; I)V	142
WKAPP	loadWkClass() position 5	Lcom/appquanta/wk/v;->onSuccess(Ljava/lang/Class; Ljava/lang/String; I)V	182
WKAPP	loadWkClass() position 6	Lcom/appquanta/wk/v;->onSuccess(Ljava/lang/Class; Ljava/lang/String; I)V	240
WKAPP	loadWkClass() position 7	Lcom/appquanta/wk/v;->onSuccess(Ljava/lang/Class; Ljava/lang/String; I)V	270
WKAPP	loadWkClass() position 8	Lcom/appquanta/wk/v;->onSuccess(Ljava/lang/Class; Ljava/lang/String; I)V	320
WKAPP	loadWkClass step (3)	Lcom/appquanta/wk/w;- >runAt(Lcom/appquanta/threads/PriorityTask\$Control;)V	28
WKAPP	loadWkClass step (4)	Lcom/appquanta/wk/w;- >runAt(Lcom/appquanta/threads/PriorityTask\$Control;)V	114
WKAPP	6	Lcom/appquanta/wk/w;- >runAt(Lcom/appquanta/threads/PriorityTask\$Control;)V	202
WKAPP	loadWkClass step (5)	Lcom/appquanta/wk/w;- >runAt(Lcom/appquanta/threads/PriorityTask\$Control;)V	368
WKAPP	6	Lcom/appquanta/wk/w;- >runAt(Lcom/appquanta/threads/PriorityTask\$Control;)V	734
WKAPP	2	Lcom/appquanta/wk/w;- >runAt(Lcom/appquanta/threads/PriorityTask\$Control;)V	936
WKAPP	Fatal error: downloaded file corrupted.	Lcom/appquanta/wk/w;- >runAt(Lcom/appquanta/threads/PriorityTask\$Control;)V	1038
WKAPP	CmDllCreateInspector.onFailure()	Lcom/appquanta/wk/x;->onFailure(Ljava/lang/String; Ljava/lang/Throwable;)V	46
WKAPP	CmDIICreateInspector.onCreateSuccess(object): object type incorrect	Lcom/appquanta/wk/x;->onSuccess(Ljava/lang/Object;)V	74
WKAPP	4	Lcom/appquanta/wkbase/WkConf;- >createConf(Lorg/json/JSONObject;)Lcom/appquanta/wkbase/WkConf;	382
WKAPP	###### attempting to gotoMainActivity twice, ignored! #######	Lcom/centuryutils/laepkooo/MyActivity;->a()V	42

Tag	Message	Caller Code	Path Index
WKAPP	4	Lcom/centuryutils/laepkooo/MyActivity;->onCreate(Landroid/os/Bundle;)V	58
WKAPP	2	Lcom/centuryutils/laepkooo/MyActivity;->onCreate(Landroid/os/Bundle;)V	172
WKAPP	2	Lcom/centuryutils/laepkooo/MyActivity;->onDestroy()V	62
WKAPP	2	Lcom/centuryutils/laepkooo/MyActivity;->onPause()V	62
WKAPP	2	Lcom/centuryutils/laepkooo/MyActivity;->onRestart()V	62
WKAPP	4	Lcom/centuryutils/laepkooo/MyActivity;- >onRestoreInstanceState(Landroid/os/Bundle;)V	58
WKAPP	2	Lcom/centuryutils/laepkooo/MyActivity;->onResume()V	62
WKAPP	4	Lcom/centuryutils/laepkooo/MyActivity;- >onSaveInstanceState(Landroid/os/Bundle;)V	58
WKAPP	2	Lcom/centuryutils/laepkooo/MyActivity;->onStop()V	62
ZTextStream	new	Lcom/appquanta/dll/bookreader/a/j;- >a()Lcom/appquanta/dll/bookreader/wtext/x;	46
bmp	3	Lcom/appquanta/dll/bookreader/a/a;->a(I Ljava/io/File; I)Landroid/graphics/Bitmap;	186

ScreenShots

