# **Vulnerability in GO FBWidget for Android**

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#### **Abstract**

We found that GO FBWidget 1.9 and 2.1 have a vulnerability that allows a crafted application to read and modify user's sensitive facebook information without permission, including user's facebook access token (in plaintext!), user's detailed information set in facebook (full name, about, email, birthday, website, gender, picture and etc.), detailed attributes of user's facebook status and comments,

### 1 Application Information

Please see the following link in our AppSec website:

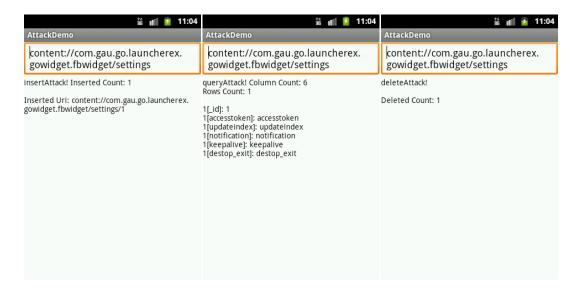
 $\underline{http://www4.comp.polyu.edu.hk/^appsec/bugs/CVE-2012-1396-vulnerability-in-GOFBWidget.html}\\$ 

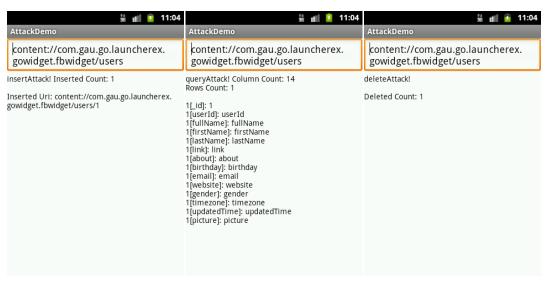
### 2 Description

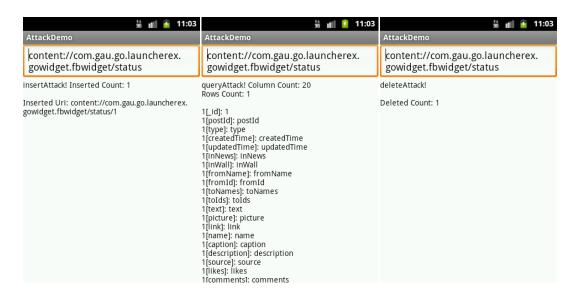
Please see the exposed content providers in the AndroidManifest.xml file, which are not properly protected, as shown in follows:

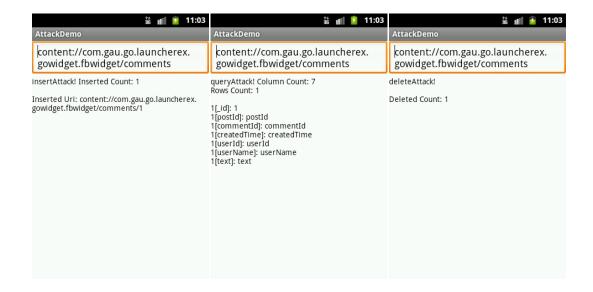
### 3 Impact

Please see the following snapshots generated by our arrack demo:









#### 4 Solution

Our advice is to set the permission of these application's content providers properly, or avoid exporting these content providers in the AndroidManifest.xml file. Currently, a user could disable the application temporarily and wait for an official update.

## 5 Technical Description

Please see the following exposed content providers and tables:

Content Provider Authority	Table Name
com.gau.go.launcherex.gowidget.fbwidget	comments
com.gau.go.launcherex.gowidget.fbwidget	settings
com.gau.go.launcherex.gowidget.fbwidget	statistics
com.gau.go.launcherex.gowidget.fbwidget	status
com.gau.go.launcherex.gowidget.fbwidget	users