

# **BeVigil API Setup**

## **What is BeVigil?**

The internet's first and only security search engine for mobile apps.

### **Search over app metadata:**

We extract and show the most pertinent data points about a mobile application

- Instantly see the risk score of an app.
- Discover mobile applications with specific that match a specific category, framework package name, developer email, etc.
- Find permissions, number of downloads, and other metadata about the app.

### **View and browse through the application code:**

You will be able to analyze code at scale and easily search for API keys, regexes, etc to see the matches in different files of an application.

- Analyze quality, patterns, and security bugs in code
- Investigate other parts of the application using our application file browser

### **Security Report and Risk Score:**

Find vulnerabilities / secrets in applications from the APK scanner report

- Enable app developers and organizations to be proactive by tracking security issues and repackaging their applications
- Find vulnerabilities / secrets in applications

### **APK Scanning on demand:**

Mitigate the risk of irrelevant results for those wishing to discover vulnerabilities within a specific application

- Choose to directly upload your application files to the platform

### **Setup an acct:**

1. Hope over to: <https://bevigil.com/login>
2. Enter an email to which they will send an OTP code (six-digit verification code).
3. Ente the code from email into the login screen and you're done, you have an acct at the Free level.
  - a. As of 8-19-2024 you get 50 free queries a month rate limited at 30 queries an hour.

### **Find your API key by:**

1. Going to the upper right-hand corner of your BeVigil acct and selecting "API Access"
2. Here you can generate and copy your API keys at will.

In the meta data you can often get the name of the Author or Creator; which is often a person's profile name or better known as a potential username. In the above example you can see in this case it happens to be "Batman" for both of them. Recon done!! Potentially.

You will also notice that the document also indicates what software created the document in the Producer and Creator Tool fields. We can also change that as well as many other aspects of the file metadata.

So here is the command to change some of that data:

```
exiftool -Creator="ColstonConsulting" -Author="ColstonConsulting" -Producer="ColstonConsulting"
-Creatortool="ColstonConsulting" -XMPToolkit="3.1-701" KaliLinuxforOSINTPIreviews.pdf
```

In this cmd were going to change the following items:

- Creator will go from "Batman" to "ColstonConsulting"
- Author will go from "Batman" to "ColstonConsulting"
- Producer will go from "Microsoft Word 2021" to "ColstonConsulting"
- Creator Tool will go from "Microsoft Word 2021" to "ColstonConsulting"
- XMP ToolKit will go from "Image::ExifTool 12.76" to XMPToolkit="3.1-701" (That was want word originally had in that category)

Here is the new file metadata:

```
# exiftool KaliLinuxforOSINTPIreviews.pdf
ExifTool Version Number      : 12.76
File Name                    : KaliLinuxforOSINTPIreviews.pdf
Directory                   : .
File Size                    : 218 kB
File Modification Date/Time  : 2024:08:19 06:33:40-05:00
File Access Date/Time       : 2024:08:19 06:33:40-05:00
File Inode Change Date/Time  : 2024:08:19 06:33:40-05:00
File Permissions             : -rw-r--r--
File Type                   : PDF
File Type Extension         : pdf
MIME Type                   : application/pdf
PDF Version                 : 1.7
Linearized                  : No
Page Count                  : 5
Language                    : en
Tagged PDF                  : Yes
XMP Toolkit                 : 3.1-701
Creator                     : ColstonConsulting
Author                      : ColstonConsulting
Producer                    : ColstonConsulting
Create Date                 : 2024:08:16 06:13:21-05:00
Creator Tool                : ColstonConsulting
Modify Date                 : 2024:08:16 06:13:21-05:00
Document ID                 : uuid:8AEE87AF-F91C-49FB-B3B4-A1A6502A4A66
Instance ID                 : uuid:8AEE87AF-F91C-49FB-B3B4-A1A6502A4A66
```

Keep exploring ExifTool; it is a great tool for both defensive and offensive actions!!