

Mobile App Security Testing with **MobSF**

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Getting Started

Docs: <https://mobsf.github.io/docs/>

Support: <http://tiny.cc/mobsf>

```
docker pull opensecurity/mobile-security-framework-mobsf
```

```
docker run -it -p 8000:8000 opensecurity/  
mobile-security-framework-mobsf:latest
```

Static Analysis

- Android APK
- Android Source ZIP (Java & Kotlin)
- iOS IPA
- iOS Source ZIP (Swift & Objective C)
- Windows APPX



APK



IPA



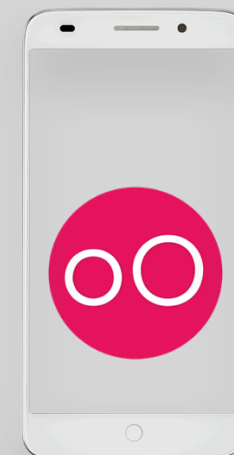
APPX



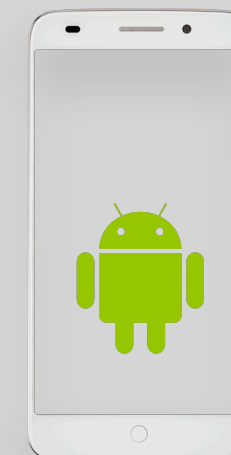
ZIP

Dynamic Analysis

- Android APK



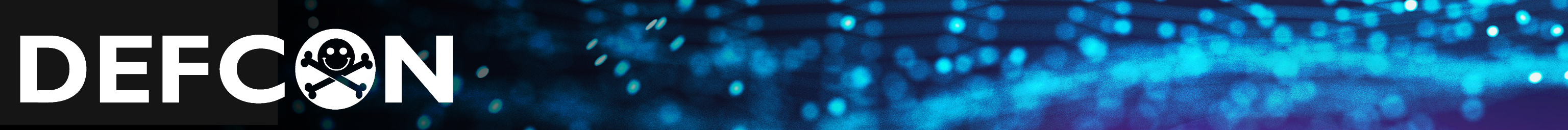
Genymotion Android VM



Android Studio Emulator

REST API for CI/CD

1. `api/v1/upload` - Upload a File
2. `api/v1/scan` - Scan a File
3. `api/v1/scans` - Display Recent Scans
4. `api/v1/delete_scan` - Delete a Scan
5. `api/v1/download_pdf` - Download PDF Report
6. `api/v1/report_json` - Generate JSON Report
7. `api/v1/view_source` - View Source Files



Demo

Shoutout

Active Collaborators

- Magaofei
- Matan Dobrushin
- Vincent Nadal

Major Contributors

- Netguru Team – iOS Swift Support
- Dominik Schlecht – Windows Support
- Amrutha VC – Moral Support
- Shanil Prasad. – iOS ATS improvements
- Maxime Fawe. - SAST improvements
- Abhinav Saxena. - Improved CI & Logging
- Shuxin – Android Binary Analysis
- Esteban – Improved Android Manifest Analysis

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