com.apksonar.demo.unity

demo-unity-aligned-debugSigned.apk · SHA-256 3370d126466540ea… · deep scan · finished 2026-11-18T20:04:11 UTC

CRITICAL × 8 | HIGH × 1 | MEDIUM × 3 | 83 secret families | OWASP MASVS | CVSS 3.1

OWASP MASVS: STORAGE · CODE · RESILIENCE · CRYPTO

APPLICATION

version 1.0 (1) · SDK 24→35 · 12.7 KB · 10 files · 1 dex

FINDINGS · 12

Stripe live secret key

sk_li••••0000 · 38 chars

secrets · MASVS-STORAGE · CVSS 9.1

assets/bin/Data/Managed/Metadata/global-metadata.dat

OpenAI API key

sk-pr••••00AA · 48 chars

secrets · MASVS-STORAGE · CVSS 9.1

assets/bin/Data/Managed/Metadata/global-metadata.dat

Anthropic API key

sk-an••••0000 · 46 chars

secrets · MASVS-STORAGE · CVSS 9.1

assets/bin/Data/Managed/Metadata/global-metadata.dat

xAI (Grok) API key

xai-D••••0000 · 40 chars

secrets · MASVS-STORAGE · CVSS 9.1

assets/bin/Data/Managed/Metadata/global-metadata.dat

GitHub personal access token

ghp_D••••0000 · 40 chars

secrets · MASVS-STORAGE · CVSS 9.1

assets/bin/Data/Managed/Metadata/global-metadata.dat

DigitalOcean API token

dop_v••••cafe · 71 chars

secrets · MASVS-STORAGE · CVSS 9.1

assets/bin/Data/Managed/Metadata/global-metadata.dat

GitLab personal access token

glpat••••0000 · 38 chars

secrets · MASVS-STORAGE · CVSS 9.1

assets/bin/Data/Managed/Metadata/global-metadata.dat

Hugging Face token

hf_De••••0000 · 37 chars

secrets · MASVS-STORAGE · CVSS 9.1

assets/bin/Data/Managed/Metadata/global-metadata.dat

Groq API key

gsk_D••••0000 · 39 chars

secrets · MASVS-STORAGE · CVSS 8.2

assets/bin/Data/Managed/Metadata/global-metadata.dat

Signed with a debug certificate

C=US
ST=US
L=US
O=US
OU=Android
CN=Android Debug

The APK is signed with the Android Debug certificate. Debug builds must never ship: they can be trivially replaced and usually enable extra logging and debugging paths.

signing · MASVS-CODE · CVSS 4.8

Packed native library: libunity_demo.so

libunity_demo.so

UPX packer marker

The .so is packed with UPX. Packing hides the real code from static analysis and is common in obfuscated SDKs, cheats and malware loaders.

native · MASVS-RESILIENCE · CVSS 3.7

Outdated OpenSSL 1.0.2u statically linked in libcrypto_demo.so

libcrypto_demo.so

OpenSSL 1.0.2u

OpenSSL 1.0.x/1.1.x is EOL and carries known CVEs; it is compiled into the app, so updates depend on the app vendor, not the OS.

crypto · MASVS-CRYPTO · CVSS 7.4

PERMISSIONS · 6 (3 dangerous)

INTERNET · ACCESS_NETWORK_STATE · CAMERA · ACCESS_FINE_LOCATION · READ_EXTERNAL_STORAGE · VIBRATE

COMPONENTS · 2 activities · 0 services · 0 receivers · 0 providers · 2 exported

MainActivity · LeaderboardActivity

SDK INVENTORY · 4

Firebase (analytics/crash) · Facebook SDK (social/ads) · AppsFlyer (attribution) · Sentry (crash-reporting)

NATIVE LIBRARIES · 2

libunity_demo.so · x86_64 · 13.4 KB · packer: UPX
libcrypto_demo.so · arm64-v8a · 0.1 KB · 1.0.2u

NATIVE ANALYSIS · GHIDRA · 2 libs

libcrypto_demo.so · arm64-v8a · 0 procedures · 0 strings · 0.1 KB · entropy 2.3 · shared

libunity_demo.so · x86_64 · 1 procedures · 22 strings · 13.4 KB · entropy 0.59 · shared

Ghidra decompiler · apksonar_unity_marker

```
undefined8 apksonar_unity_marker(void)

{
return 7;
}
```

JAVA ANALYSIS · JADX · 6 classes · obfuscation 0%

com.apksonar.demo.unity (2) · com.appsflyer (1) · com.facebook.appevents (1) · com.google.firebase.analytics (1) · io.sentry (1)
No trust-all TLS hooks or JS-bridged WebViews flagged in decompiled code.
Unity IL2CPP · metadata v29 · 12 string literals · 0 images · 0 types

SIGNATURE

scheme: v3 · C=US
ST=US
L=US
O=US
OU=Android
CN=Android Debug · rsa
valid 2016-10-23 → 2044-03-10 · cert SHA-256 1e08a903aef9c3a7…