



Release Notes

Kony Platform

Android N Compatibility Releases

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Kony Support for Android N

Android N Backward Compatibility Impact on Kony Apps

Starting from Android N, the Android system prevents applications from dynamically linking against non-NDK libraries and shows error messages when running applications.

<https://developer.android.com/preview/behavior-changes.html#ndk>

The Kony Android framework depends on libcrypto.so for certain operations (such as javascript code decryption, kony.crypto.saveKey() for crypto keys encryption and kony.crypto.readKey for crypto keys decryption). Prior to Android N, the Crypto library was not being bundled with apps explicitly as this increases the size of APK. Now, due to the Android N mandate to bundle native libraries, we are seeing warning messages/alerts to bundle Crypto library into Kony apps when running in Android N devices.

Resolution

libcrypto.a is statically linked with Kony framework native libraries to resolve the issue.

Important Note

Please rebuild the existing app with new Android N compatibility plugins and submit to play store to avoid the error message/dialog when running application on Android N devices.

Release Plan for Kony Compatible Plugins for Android N(GA)

Kony's Android N Compatible Plugin	Compatible Plugin Release Dates
6.5	Aug 26 th
6.0	Aug 30 th
5.6	Aug 30 th
7.1	Sept 7 th

For any support required on End of life versions (< 5.6), kindly get in touch with our customer success representative.

Kony Compatible Plugins

Kony's Android N Compatible Plugin	Additional Notes
AND-GA-6.5.3.13 (Phone) AND-GA-6.5.3.13 (Tablet)	These Plugins are certified on Android N GA and are available through Update Site.
AND-GA-6.0.3.51(Phone) AND-GA-6.0.3.51(Tablet)	
AND-GA-5.6.5.13 (Phone) AND-GA-5.6.5.13 (Tablet)	
AND-GA-7.1.1.1 (Phone) AND-GA-7.1.1.1 (Tablet)	

Issues Fixed in Compatible Plugins

- Compatibility issue detailed above.

Kony Management Android N Compatibility Updates

On Management, Android N compatibility is already enabled on EMM 4.1. For EMM 4.0 and EMM 3.5.x, the compatibility release is being worked out and the plan for the GA plugins release will be updated by end of October 2016

EMM Android N Compatible Plugins

EMM Version	Compatible Android N Plugin
EMM 4.1	EMM-GA-4.1.0.4 (Please refer to release notes in downloads /hot fix site)
EMM 4.0	ETA to be shared by Oct end'16
EMM 3.5.1	ETA to be shared by Oct end'16

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