

Google launched Android Q Beta 6 - the final beta

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If you're an Android app developer, you can start testing your applications with this release by downloading beta 6 from developer.android.com/preview.

1. Detected 205 malicious applications with more than 32 million downloads on Google Play only in last July



You can start testing your applications with Android Q Beta 6

In addition, Google also said that the official release of Android Q for global users will soon be released in the next few weeks, but Android smartphone users will receive an update to Android Q soon. It will be late depending on the route to release a new version of each manufacturer. As usual, Google devices like Pixel 3, 3 XL, 3a, 3a XL pixels 2 and 2 XL will receive the earliest updates in the Android world due to not having to undergo many intermediate tweaking stages.

Essentially, Android Q Beta 6 will include image systems for Pixel, Pixel XL, Pixel 2, Pixel 2 XL, Pixel 3, Pixel 3 XL, Pixel 3a, Pixel 3a XL, along with the Android Emulator emulator the official version. If you signed up for

the beta program, you will automatically receive updates to Beta 6. Like previous beta versions, Google will also put Android Q Beta 5 on third-party hardware products in the next few weeks.

1. Google will use recycled materials in all its hardware products in the near future



Android Q Beta 6 has been launched for devices in Google's support list

In addition to Pixel phones, these are all third-party devices that will be supported (full list): Asus ZenFone 5Z, Essential Phone, Huawei Mate 20 Pro, LG G8, Nokia 8.1, OnePlus 7 Pro, OnePlus 7, OnePlus 6T, Oppo Reno, Realme 3 Pro, Sony Xperia XZ3, Tecno Spark 3 Pro, Vivo X27, Vivo Nex S, Vivo Nex A, Xiaomi Mi 9 and Xiaomi Mi Mix 3 5G.

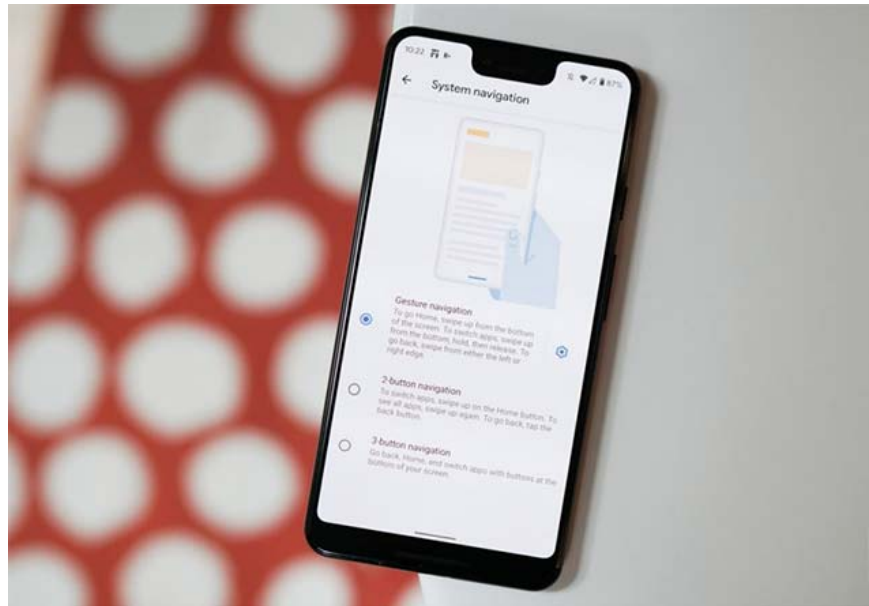
Test Android Q Beta 6

Beta 6 comes with the final SDK API 29 and updated build tools for Android Studio, plus all the features, system behavior and developer APIs will be available in the release. final.

Based on feedback from Beta 5 testers, Google has revised and updated the gesture navigation capabilities in Beta 6. Back gestures (Back) have now been added with vertical application exclusion limits. 200dp, along with a sensitivity setting option. Custom launchers will still use the traditional three-button navigation model by default - the post-launch update will allow users to switch to gesture navigation.

If you are an Android application developer, you can download Android Studio, configure your environment and check the release notes. Then install your current application from Google Play on a device or emulator running Beta 6, handle user streams, and make sure the application is compatible with changes in behavior, changing your own permissions. private and navigating by gestures.

1. Google pays \$ 5 to scan pedestrian faces, collecting necessary data for an ambitious new project



Google added some essential tweaks to gesture navigation on Android Q Beta 6

Alternatively, you can check the use of restricted non-SDK interfaces (instead of public SDK or NDK tools), in-app libraries and SDKs, and distributions friend.

If you find a problem, fix them in the current application without changing the target level (navigation guide, privacy checklist). Once you have completed the modification process, update the TargetSdkVersion of the application to 'Q'.

1. Chrome will support HTTP cache partitioning to prevent malicious attacks and unauthorized tracking

Beta release schedule

It must be affirmed that Android Q this year has a very tight release schedule. While there were only 5 previews for app developers last year (4 beta), this year, Google released a total of 6 beta versions. The company has strictly complied with the preview schedule they have outlined in the beginning (although there are some minor problems during the implementation of Beta 4 and Beta 5):



Roadmap for release of Android Q beta release in 2019

Up to now, 5 beta versions have been delivered to users. The schedule for preview versions in 2019 is as follows:

1. March: Beta 1 (release of new version, beta)
2. April: Beta 2 (additional updates, beta)

3. May: Beta 3 (introduced at the I / O developer conference 2019, update additions, beta)
4. June: Beta 4 (Final API and Official SDK, beta)
5. July: Beta 5 (released for testing)
6. August: Beta 6 (released for final test)
7. Q3: The final release for AOSP and the general ecosystem

More specifically, Beta 1 has brought additional security and privacy features, enhancements to folding capabilities, new connection APIs, new media codecs, camera features, open utilities. Wide NNAPI, support Vulkan 1.1 and faster application launch.

Beta 2 has added Bubble multitasking, simulator for folding screen device, and new MicroDirection API.

Beta 3 offers 5G connectivity support, a number of enhancements to folding screen devices, adding privacy-related features (determining when the application can receive location, restrictions launch background apps, prevent unauthorized tracking), improve biometrics, TLS 1.3, proposed activities in notifications, notification smart replies (Smart Reply), Live Caption, Focus Mode, Dark Theme, gesture navigation and Project Mainline.

Beta 4 comes with the final Android Q API and the official SDK.

Beta 5 provides additional updates for gesture navigation.

With the final release scheduled for the third quarter, it is hoped that the Android Q commercial version will soon be released this month or next month. The exact time will depend on the results of the test versions. Besides feedback from testers, including any platform issues, app compatibility issues, and possible third-party SDK issues.

1. Google Chrome 76: Safer mode, improved PWA and some other noticeable changes

Google also asks developers to tailor their apps so they can be more compatible with Android Q, so that users can get a seamless and important transition as a good experience when they Upgrade to this latest Android version.

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