

# **iOS Release Notes for iOS 10.3 Beta**

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# Introduction

iOS 10.3 SDK provides support for developing iOS apps. It's packaged with a complete set of Xcode tools, compilers, and frameworks for creating apps for iOS and macOS. These tools include the Xcode IDE and the Instruments analysis tool, among many others.

With this software you can develop apps for iPhone, iPad, or iPod touch running iOS 10.3. You can also test your apps using the included Simulator, which supports iOS 10.3. iOS 10.3 SDK requires a Mac computer running macOS 10.10.3 (Yosemite) or later.

This version of iOS is intended for installation only on devices registered with the Apple Developer Program. Attempting to install this version of iOS in an unauthorized manner could put your device in an unusable state.

For more information and additional support resources, visit <http://developer.apple.com/programs/ios/>.

## Bug Reporting

For issues not mentioned in the Notes and Known Issues section, please file bugs through the Apple Developer website <https://developer.apple.com/bug-reporting/ios/>. Additionally, you may discuss these issues and iOS 10.3 SDK in the Apple Developer Forums at <https://forums.developer.apple.com/community/beta/ios-10-beta>. To get more information about iCloud for Developers, go to <http://developer.apple.com/icloud>.

## Autosubmission of Diagnostic and Usage Data

By default, iOS 10.3 beta 1 automatically sends anonymous diagnostic and usage data back to Apple. This includes information about crashes, freezes, kernel panics, and information about how you use Apple and third-party software, hardware, and services. This information is used to help Apple improve the quality and performance of its products and services. You can stop the autosubmission of diagnostics and usage data by going to Settings > Privacy > Diagnostics and Usage > Don't Send.

## File System Conversion

When you update to iOS 10.3, your iOS device will update its file system to Apple File System (APFS). This conversion preserves existing data on your device. However, as with any software update, it is recommended that you create a backup of your device before updating.

# Notes and Known Issues

## Find My iPhone

Find My iPhone now supports Location and Play Sound for AirPods.

- Location and Play Sound currently work only from the iOS device most recently used with your AirPods.
- Play Sound emits a noise from the AirPods that reaches a high volume after a few seconds. Please remove both AirPods from your ears before testing this feature.

## iCloud Analytics

During setup, users reach the “iCloud Analytics” page even if they have not yet logged into an iCloud account.

## iCloud Backup

Nightly backups may fail with the error message “Some files were unavailable during the last backup.” To work around this issue, please ensure that your device remains unlocked for the entire duration of the backup.

## Lightning Video Adapters

Lightning video adapters may not work as expected in this beta.

## Managed and Shared Devices

- The ability to update devices from a remote server is in development and may not yet work as expected.
- On managed devices, users can override the current iCloud Document Sync setting.
- In this beta, Shared iPad allows users to toggle settings that are usually unavailable when using a Shared iPad.

## SiriKit

The new SiriKit car commands are still in development and may not yet work as expected.

## SOS

SOS is only supported in India.

## WebKit

Safari now supports the `prefers-reduced-motion` media query. This query allows a web developer to provide alternate page styles for users who are sensitive to large areas of motion. Users can change their preference for reduced motion in the Accessibility section of System Preferences.

The iOS 10.3 update removes support for SHA-1 signed certificates used for Transport Layer Security (TLS) in Safari and WebKit that are issued from a root Certification Authority (CA) included in the operating system default trust store. All other TLS connections will continue to support SHA-1 signed certificates until late 2017. SHA-1 signed root CA certificates, enterprise-distributed SHA-1 certificates, and user-installed SHA-1 certificates are not affected by this change. For more information, see <https://support.apple.com/kb/HT207459>.

## Xcode Simulator

- Attempting to enable iCloud Drive through the iCloud Drive app before the user is signed into iCloud can cause Settings to crash.
- The iCloud button in Settings does not do anything when clicked.
- Scrolling in the Today View is known to cause occasional crashes in this beta.