

# watchOS 4 beta 7 Release Notes

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<b>About watchOS 4 beta 7 .....</b>	<b>2</b>
Bug Reporting .....	2
Technical Support and Learning Resources.....	2
<b>Notes and Known Issues .....</b>	<b>3</b>
General.....	3
Apple Pay .....	3
Breathe.....	3
CloudKit .....	3
Core Media.....	3
Dictation.....	4
Foundation.....	4
HealthKit .....	4
HomeKit .....	4
Messages.....	4
Music .....	4
Phone.....	5
Pairing .....	5
Security .....	5
Settings.....	5
Siri .....	5
SiriKit.....	5
WatchKit .....	6
Workout .....	6
Xcode.....	6

# About watchOS 4 beta 7

The watchOS 4 SDK provides support for developing watchOS apps. The SDK comes bundled with Xcode 9.0 beta available from <https://developer.apple.com/download/>.

For information on the new APIs in watchOS 4, see [What's New in watchOS](#).

For information on the compatibility requirements for Xcode 9.0, see the [Release Notes](#).

## Bug Reporting

For issues not mentioned in [Notes and Known Issues](#), file bugs through the Apple Developer website <https://developer.apple.com/bug-reporting/>.

When filing a bug, please include the full version number in the bug title and in the description. This looks like "4.0 (15Rxxxxx)." You can find the full version number on the Apple Watch in Settings > General > About > Version, or in the Watch App in My Watch > General > About > Version.

## Technical Support and Learning Resources

Apple provides the following web resources to support your development:

- [Apple Developer Forums](#). Participate in discussions about developing for Apple platforms and using developer tools.
- [watchOS 4 Developer Forums](#). Participate in discussions about developing for watchOS 4 and issues with the SDK.
- For help with using Xcode, choose Help > Xcode Help.

# Notes and Known Issues

## General

### Resolved Issues

- Updating to watchOS 4 beta 3 may stall indefinitely after the watch restarts and the password has been entered. Updating to watchOS beta 4 or later is not affected. (32797932)

**Workaround:** Restart the Apple Watch up to three times. If this does not resolve the issue, unpair the Apple Watch from the iPhone while the watch is in the stalled state. Once the watch is unpaired, pair the watch and phone again.

- Updating from watchOS 3.2.2 or earlier no longer results in a failure followed by the error message: "An error occurred downloading the latest version of watchOS on your Apple Watch". (33271830)
- The Toy Story watch faces are available in beta 2 and later. Toy Story is copyright © Disney/Pixar.

## Apple Pay

### Resolved Issues

- Adding multiple cards during the pairing process now correctly provisions each card. (32624044)

## Breathe

### Resolved Issues

- Breathe notification preferences are now respected. (32298347)

## CloudKit

### Known Issues

- CloudKit does not support `unsigned long long` values with the high-order bit set. (30567424)
- Applications that use `CKModifyRecordsOperation` should specify an appropriate value for `CKModifyRecordsOperation.isAtomic`. If your client is compiled against watchOS 4, operations enqueued against the default `CKRecordZone` have new behavior because `atomic` is `true` by default. If the operation hits a "preflight" failure (most commonly, a network issue uploading a `CKAsset`, or a malformed `CKRecord`), the entire operation is canceled. (30838858)

## Core Media

### Resolved Issues

- Haptics now play for frontmost apps. (32139107)

## Dictation

### Resolved Issues

- Languages are now available for Dictation on watchOS, including the newly released Shanghainese dictation. (32235495)

## Foundation

### Known Issues

- To preserve backwards compatibility, watchOS 4 beta 3 removed the `NSURLSession` empty string behavior for suppressing the sending of HTTP headers that was introduced in beta 2. (32959604)

## HealthKit

### Resolved Issues

- Adding data to a workout route using `HKWorkoutRouteBuilder` no longer fails. (33080127)
- Pressing the Side Button and Digital Crown pauses an active workout session even if the the app is not in the foreground. (30199786)
- Attempting to finish a workout route when no location data is inserted no longer throws an exception. (32307523)

### Known Issues

- To track location in the background while a user is in a workout session, add `UIBackgroundModes/location` in the Info.plist file. (29483437)

## HomeKit

### Resolved Issues

- Location-based automation triggers now work if triggered from the alert on Apple Watch. (32288709)

## Messages

### Resolved Issues

- Messages now send correctly when responding to Activity notifications. (32294875)

## Music

### Resolved Issues

- Deleting a playlist or album in the Apple Watch app no longer causes the app to crash. (32624529)
- Music tracks now play from and sync to Apple Watch. (32314271)

### Known Issues

- Love and Dislike options are missing for locally synced music on Apple Watch. (30845293)

## Phone

### Resolved Issues

- Phone calls using Apple Watch that exceed 30 seconds now work correctly. (32659453)

## Pairing

### Resolved Issues

- Alarms are no longer lost when migrating to watchOS 4. (31285349)

### Known Issues

- Backups only trigger when the user unpairs their watch. If the user erases their iOS 11 iPhone without unpairing their watch first, there will not be a backup to restore. (32358338)

**Workaround:** Before erasing iPhone, go to the Watch app, choose My Watch, and unpair your Apple Watch.

## Security

### Resolved Issues

- The restriction introduced in iOS 11, macOS 10.13, tvOS 11, and watchOS 4 that required TLS version 1.2 for cipher suites as defined in RFC 5246 has been removed. (33140907)

## Settings

### Resolved Issues

- In Settings > Bluetooth, additional devices such as the paired iPhone no longer show as Not Connected. (32314078)
- Permissions on Apple Watch are now reset when a user resets location and privacy using Settings > General > Reset > Reset Location & Privacy on iPhone. (32393123)

## Siri

### Resolved Issues

- Siri requests now work as expected in the iOS and watchOS simulators. (31971229)
- Siri now plays music that has been synced to Apple Watch. (31964674)

## SiriKit

### Resolved Issues

- SiriKit requests no longer fail with a "Sorry I can't do that" error. (32305639)
- watchOS apps from TestFlight or the App Store now work with SiriKit. (32387616)
- SiriKit requests on watchOS no longer fail with a Continue in App error. (32355820)
- After installing a SiriKit extension on a simulated device, using Siri no longer results in the error 'Error Domain=PlugInKit Code=16 "other version in use"' shown in the console and in the spoken error "Sorry, you'll need to continue in the app." (33663314)

## WatchKit

### Resolved Issues

- For a watch app that includes complications, in watchOS 4 beta 4 and earlier, `applicationDidFinishLaunching` for the `WKExtensionDelegate` and `willActivate` for the root interface controller could be called without launching the app. This occurred when the watch extension was not already running, and complication code was called—for example after the initial app installation or when updating the timeline. This no longer happens. (33456326)
- A non-autoplaying `WKInterfaceInlineMovie` now works. (32168160)
- `WKInterfaceInlineMovie` objects now pause when moving an app to the background. (31872332)
- Scrolling with the crown no longer clips content that would normally be visible by rendering a view under the status bar. (33730637)

### Known Issues

- Automatic display of attachments in default WatchKit Notification interfaces do not work. (31589086)

## Workout

### Resolved Issues

- Pressing the Side Button and Digital Crown no longer pauses an active workout session when the Workout app is not in the foreground. (30199786)

### Known Issues

- You may experience inaccurate distance measurements for Pool Swim workouts. (32816933)
- Workout sessions may be slow to start and they may fail to update with calorie and distance measurements. (32313252)

**Workaround:** Call `HKWorkoutRouteBuilder` `finishRouteWithWorkout:Metadata:` only when some location data has been inserted to the builder.

## Xcode

### Resolved Issues

- Building and running a Watch app from Xcode your app now installs, launches, and attaches. (32180669)

### Known Issues

- Crashlogs may take a few minutes to sync and be visible in Xcode. (31156191)