

tvOS 11.4 beta 4 Release Notes

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Introduction

The tvOS 11.4 SDK leverages many of the same frameworks and technologies that you're already using for iOS development. However, please note that all libraries and frameworks used in your tvOS apps must be built for tvOS, including any 3rd-party libraries. Do not link your tvOS app against frameworks or libraries that are not built with tvOS. Attempting to do so results in a build failure. Furthermore, bitcode is required for all tvOS apps. All apps and frameworks in the app bundle must include bitcode.

About tvOS 11.4 beta 4

The tvOS 11.4 SDK provides support for developing tvOS apps for tvOS 11.4. The SDK comes bundled with Xcode 9.4 available from the Apple Developer Program download page.

For information on the compatibility requirements for Xcode 9.4, see the Release Notes on the Xcode download page. [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 "11.4 (15Lxxxx)." You can find the full version number in Settings > General > About > tvOS.

Technical Support and Learning Resources

Apple provides the following resources to support your development:

- [Developer documentation](https://developer.apple.com/documentation) is available both on <https://developer.apple.com/documentation> and from Xcode by choosing Help > Developer Documentation.
- [Apple Developer Forums](#). Participate in discussions about developing for Apple platforms and using developer tools.
- [tvOS 11.4 Developer Forums](#). Participate in discussions about developing for tvOS 11 and issues with the SDK.
- [iCloud Developer Page](#). Find information about developing for iCloud.
- [tvOS homepage](#). Get high-level information about the latest release of tvOS. Download current and beta tvOS releases.
- For help with using Xcode, choose Help > Xcode Help.

Notes and Known Issues

Foundation

Known Issues

- Clients of `NSURLSessionStreamTask` that use a non-secure connection fail to connect when an error occurs during PAC file evaluation and the system is configured for either Web Proxy Auto Discovery (WPAD) or Proxy Automatic Configuration (PAC). A PAC evaluation failure can occur when the PAC file contains invalid JavaScript or the HTTP host serving the PAC file is unreachable. (33609198)

Workaround: Use `startSecureConnection` to establish a secure connection.