

# AGORA NATIVE SDK FOR IOS

## RELEASE NOTES

### VERSION 1.4.1

## Introduction

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Agora Communications as a Service (CaaS) provides ensured Quality of Experience for worldwide Internet-based voice and video communications through a virtual Agora Global Network that is especially optimized for real-time and mobile-to-mobile communications. Agora CaaS solves quality of experience challenges for mobile devices, 3G/4G/Wi-Fi networks with varying performance, and global Internet bottlenecks.

Agora CaaS includes mobile-optimized Agora Native SDKs for iOS and Android smartphones that provide access to the Agora Global Network along with device-specific mobile optimizations. Agora Native SDK is also available for Windows and Mac. Applications using the Native SDK link it directly into the application executable when they are built.

The Agora Native SDK for Web is a further capability to the Agora CaaS capabilities. The SDK provides web browsers with open access to the Agora Global Network.

See [agora.io](http://agora.io) for more information.

## Overview of Agora Native SDK for iOS v1.4.1

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This release includes the following SDK (the current minor version number is noted in [Downloading the SDK](#)):

- Agora Native SDK for iOS v1.4

The Agora Native SDK for iOS supports both voice and video communications.

## Downloading the SDK

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Access the Agora SDK documentation from the webpage [www.agora.io/developer/](http://www.agora.io/developer/), where there are download links for all the reference manuals. Then sign up for free with Agora.io to download the full SDK packages.

There is a **GET API KEY** link you can find at the top right of the Agora website page and also after the reference manual download links. This is a part of a simple process that also provides the API “Vendor Key” needed to use the SDKs to access the Agora Global Network. All the SDK download links are on the first “dashboard” page once signed in. Check back on that page for updates when there are new releases. The following package files are available for v1.4:

Agora\_Native\_SDK\_for\_iOS\_v1\_4\_1\_VOICE.zip  
Agora\_Native\_SDK\_for\_iOS\_v1\_4\_1\_FULL.zip

The Agora Native SDK for iOS currently comes in two packages: voice-only (tagged “VOICE”) and voice plus video (tagged “FULL”). Use the voice-only SDK package if you are only focused on voice applications on iOS and want the smaller libraries and configuration. Otherwise use the larger voice and video “FULL” package for general development. In future releases these two options may be included as components in a single package.

## SDK Documentation

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In addition to this release note, there is a reference manual included in the above SDK package (in the doc/ sub-folder):

Agora Native SDK for iOS v1.4

Refer to the reference manual for information on the contents of the SDK package, compatibility and how to build and run the demo application provided with the SDK.

Use the following document together with each platform reference manual if required:

- **Agora Recording Server User Guide:** Use this document to enable the recording function if required.

## Changes in v1.4 from v1.3

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### Changes in v1.4

This release only includes the Agora Native SDK for iOS with the following changes:

- **IPv6 Support:** This release has fulfilled the approval requirement of Apple App Store.

### Changes in v1.4.1

Fix bug (Agora Native SDK for iOS): SDK might not be able to connect the servers in a network that IPv6 and IPv4 co-exists.