RELEASE NOTES IN-APP MESSAGING SDK VERSION 3.0 - iOS

These are the main feature releases available in the **In-App Messaging SDK version 3.0 for iOS**.

Version 3.0 planned roll-out: January 14th 2018

New functionalities
- Certificate Pinning
- List of certified and supported devices extended

New APIs
- Cert-Pinning API

New Callbacks
- Cert Pinning callback

New Configurations

New Strings Localization

New functionalities

Certificate Pinning

Type: Developer Experience Feature

Available to all customers? No. Contact support for more details.

Certificate Pinning allows an increased security on top of the commonly used SSL for mobile apps. It assists to prevent certificate hijacks or compromised certificate authorities implications. By using Certificate Pinning, apps have an additional validation of the server's certificate.

The following additional conditions and configurations are required:*

Backend update	Backend enablement	Backend configuration	SDK enablement	SDK configuration
Yes	Yes	Yes	Yes	Yes

List of certified and supported devices extended

The following devices are now also supported and/or certified to host our in-app messaging SDK:

	Operating system		
Model	**iOS 9.x**	**iOS 10.x**	**iOS 11.x**
iPhone 8	N/A	N/A	Certified
iPhone 8+	N/A	N/A	Certified
iPhone X	N/A	N/A	Certified

A full list of supported and certified devices can be found in the LiveEngage System Requirements document.

New APIs

Cert-Pinning API

Available to all customers? No. Contact support for more details.
Please note Using the described APIs without having the feature configured will result in failures while trying to communicate with LivePerson's servers.

In order to use cert pinning public keys, you should pass a new property to the LPAuthenticationParams object init, when calling the API of:

```
showConversation(_ conversationViewParams: LPConversationViewParams,
authenticationParams: LPAuthenticationParams? = nil)
```

The new property that should be passed is:

```
LPAuthenticationParams → certPinningPublicKeys: [String]?
```

This API allows you to set the certificate public key hash. This API can receive multiple public key hashes so that it has the ability to support more than one key. If the certificate provider changes their public key, we will still be able to validate the keys of the other certificate providers. If this field is nil, the Cert Pinning is disabled.

The following additional conditions and configurations are required:*

Backend update	Backend enablement	Backend configuration	SDK enablement	SDK configuration
Yes	Yes	Yes	Yes	Yes

New Callbacks

Cert Pinning callback

func LPMessagingSDKCertPinningFailed(_ error: NSError)

Delegate which is called when the Cert pinning mechanism failed. The server trust was successfully evaluated but did not contain any of the configured public keys pins. or The server trust's evaluation failed: the server's certificate chain is not trusted.

The following additional conditions and configurations are required:*

Backend update	Backend enablement	Backend configuration	SDK enablement	SDK configuration
Yes	Yes	Yes	Yes	Yes

* *Key for items as follows:*
Backend update: This feature requires an update to the backend.
Backend enablement: This feature requires items to be toggled on in the backend.
Backend configuration: This feature requires configuration in the backend.
SDK enablement: This feature requires items to be toggled on in the SDK.
SDK configuration: This features requires items to be configured in the SDK.

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