



# Integration of ThumbSignIn With Gluu Server

[www.thumbsignin.com](http://www.thumbsignin.com)

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## Overview

ThumbSignIn can be integrated with Gluu Server to achieve Strong authentication for enterprise applications. The administrator of an organization can deploy the ThumbSignIn Java SDK, UI components and custom Jython script in the Gluu server.

Here, ThumbSignIn is integrated with Gluu server as a primary authenticator to achieve passwordless login. The user will be able to login to the Gluu server with just his/her biometrics and there is no need for the password.

For the first time user, the user can login with his/her LDAP credentials and then can register through ThumbSignIn mobile app. For the subsequent logins, the user can directly login to Gluu server with his/her biometric.

## Prerequisites

- A Gluu Server ([installation instructions](#));
- ThumbSignIn script integration (included in the default Gluu Server distribution);
- An account with [ThumbSignIn](#)

## Steps for integrating ThumbSignIn with Gluu

### 1) Download ThumbSignIn UI Components & Jython Script

- I. The UI components can be downloaded from [here](#) and include it into source code under `oxAuth/Server/src/main/webapp/auth/`
- II. The Jython custom scripts can be downloaded from [here](#) and include it into source code under `oxAuth/Server/integrations/`
- III. Download the thumbsignin java sdk jar file from [here](#) and can be added into "opt/gluu/jetty/oxauth/lib/ext" folder of gluu server

### 2) Enable custom scripts for ThumbSignIn

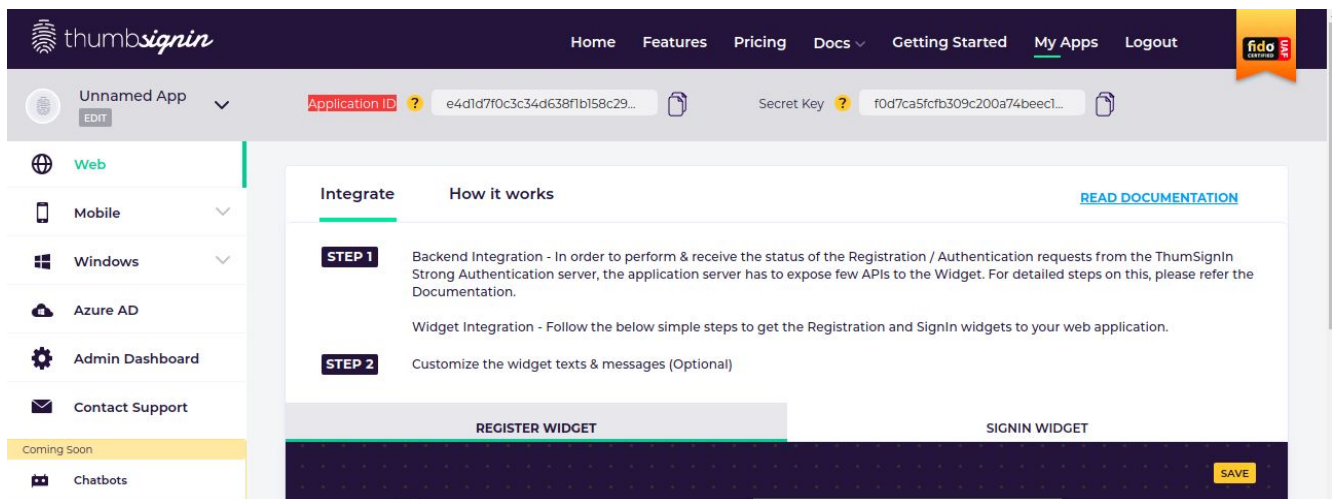
- I. Login to the Gluu admin dashboard -> Manage Custom Scripts -> Click "Add Custom Script Configuration" button
- II. Add the attached thumbsignin custom script and select the "Enabled" option
- III. Add the below custom parameters and save the custom script configuration

Property	Status	Description	Value
ts_host	Mandatory	The URL of the ThumbSignIn API serve.	<a href="https://api.thumbsignin.com">https://api.thumbsignin.com</a>
ts_apiKey	Mandatory	These keys are required for ThumbSignIn authentication purpose	Follow the below steps to get api key
ts_apiSecret	Mandatory	These keys are required for ThumbSignIn authentication purpose	Follow the below steps to get api secret key

## Configure ThumbSignIn Account

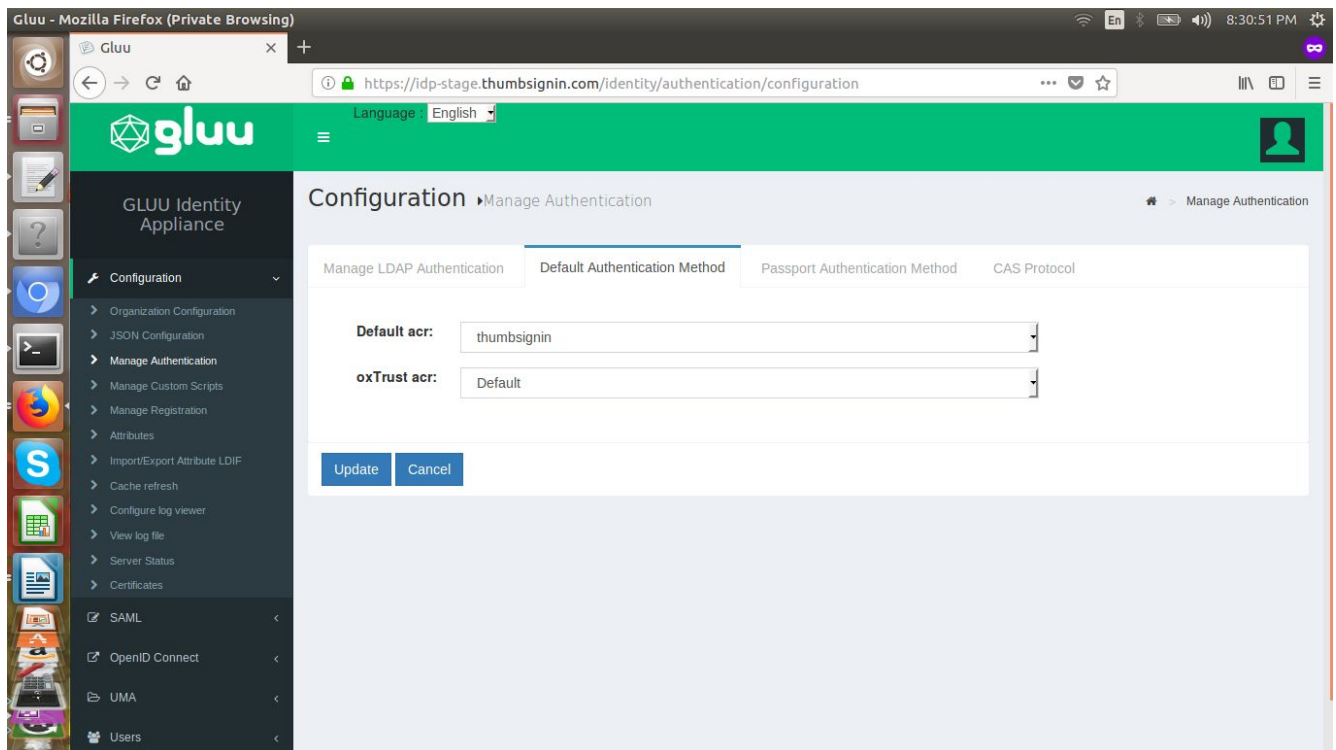
The above ts\_apiKey and ts\_apiSecret key can be generated by following the below steps.

- I. [Sign Up](#) for ThumbSignIn account
- II. Type your email id and click try it button
- III. Scan the QR code displayed in your screen using thumbsignin mobile app.
- IV. After successful registration, you will be redirecting to the home page.
- V. Then click My apps in the Menu
- VI. Copy the Application ID which is ts\_apikey
- VII. Copy the Secret Key which is ts\_apiSecret.



## Enabling ThumbSignIn as default authentication in Gluu

Go to "Manage Authentication" -> "Default Authentication Method" -> Select thumbsignin as the default acr and update the configuration.



### 1) Update UnAuthenticated Session Timeout Parameter to 240 secs

It is recommended to set the "sessionIdUnauthenticatedUnusedLifetime" parameter to 240 secs.

Go to JSON Configuration -> OAuth Configuration and update this parameter to 240 secs.

The ThumbSignIn integration with Gluu server is now complete.

# Testing ThumbSignIn Integration With Gluu

We can test the ThumbSignIn login flow by invoking the Gluu login URL.

We should see the login page as shown in below screenshot:

