



ODOO PUSH NOTIFICATION  
USING  
ONESIGNAL  
[ Odoo 11 Community ]

Odoo Push Notification module developed by Pragmatic Techsoft Pvt. Ltd, adds Push Notification functionality to Odoo website, great for promotions of ecommerce products, services, offers, tips, Coupons promotion etc.

Let's checkout what Odoo Push Notification is all about.

### **What is Push Notification ?**

-> Push Notifications are clickable messages that are sent from a mobile app to its users on their mobile device. These messages get delivered in real-time and appear in the notification slider or on the lock screen of the user's mobile phone, even when they are not using it. Supported by all mobile platforms like Android and Windows, Mobile/Web Push Notifications can be deployed by e-commerce merchants to entice action among their users by engaging them with timely, contextual and actionable messaging.

### **Advantage of Odoo Push Notification:**

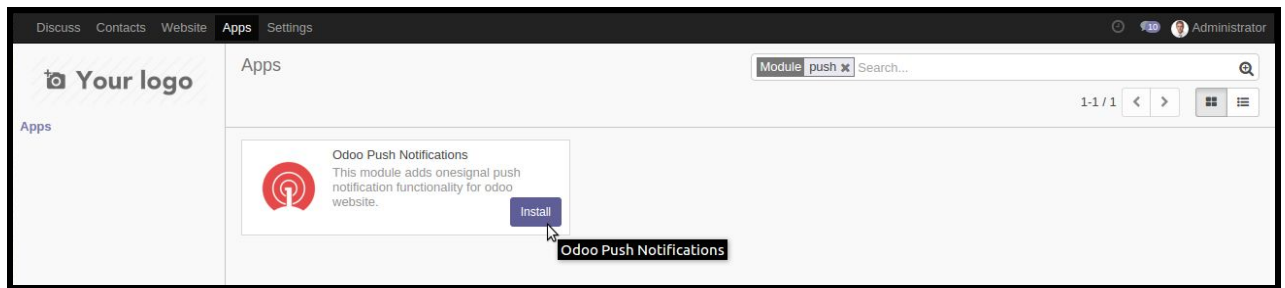
1. **Increase Traffic:** Odoo Push notifications help retain users. Not only do they help increase interaction on the topic of the message, but they can help increase the returns you see from your app. Notifications can also be geographically-based to alert users to discounts or specials when they're in a particular location.

2. **Easy to use:** And easy to manage. Push notifications are targeted, friendly and relevant to the user. This makes them an effective marketing tool for any occasion.
3. **Foster Engagement:** Your organization's app is a direct line of communication to its customers. People avoid apps that simply take up space on their phones. But when an app has push
4. notifications... each \*ping!\* and message that follows instantly informs a customer to what's new and can drive them toward action.
5. Push notifications are great! But they are just one of the many features a mobile app provides. Apps are valuable assets for a variety of businesses such as odoo website ecommerce or any buying selling requirement.

Chrome, the most-used web browser, supports web push both on desktop and on Android mobile devices, this channel can reach users at home and on the go.

So let's begin to setup our push notification module in odoo 11 (community).

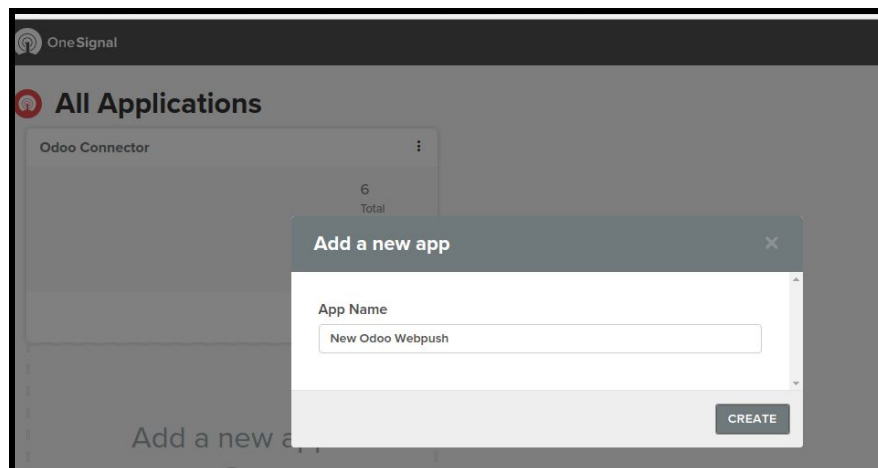
## 1.) Module installation:



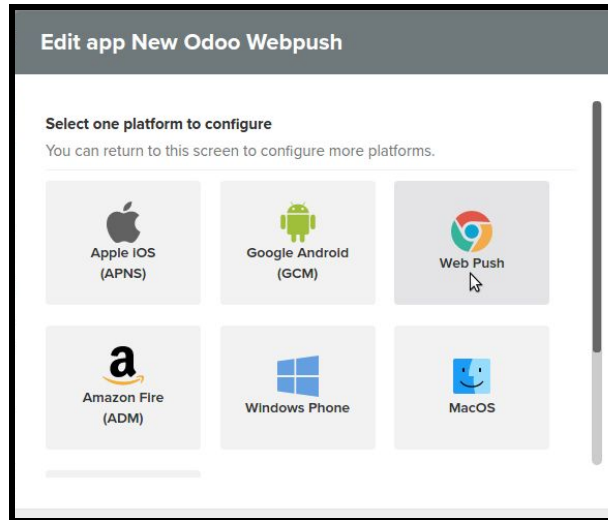
(1) Search for push notification module,

## 2.) Go to onesignal website (assuming you have already registered)

a.) Click on add an app

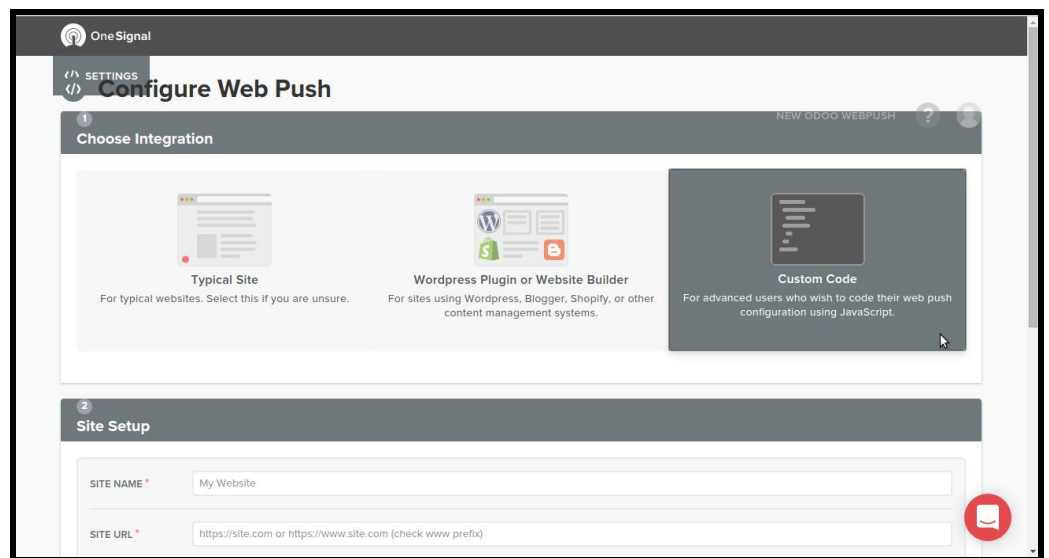


b.) Click on web push and click next



c.) In configure webpush select Custom Code option and after filling all options shown below please click on save button.

i.)



ii.)

2

Site Setup

SITE NAME \*

Amazing Odoo Commerce

SITE URL \*

http://192.168.0.122:8786

DEFAULT ICON URL

Upload or input a URL

☐

My site is not fully HTTPS

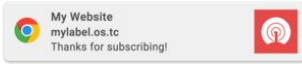
CHOOSE A LABEL \*

Odoo

.OS.TC

CHOOSE A LABEL

Choose a unique label to be displayed in your notifications. For example, the below image shows notifications are coming from mylabel.os.tc :



Warning: Changing your label name can cause users to receive duplicate notifications. After your app has 100+

iii.)

☐

My site is not fully HTTPS


CHOOSE A LABEL \*

Odoo


.OS.TC

CHOOSE A LABEL

Choose a unique label to be displayed in your notifications. For example, the below image shows notifications are coming from mylabel.os.tc :




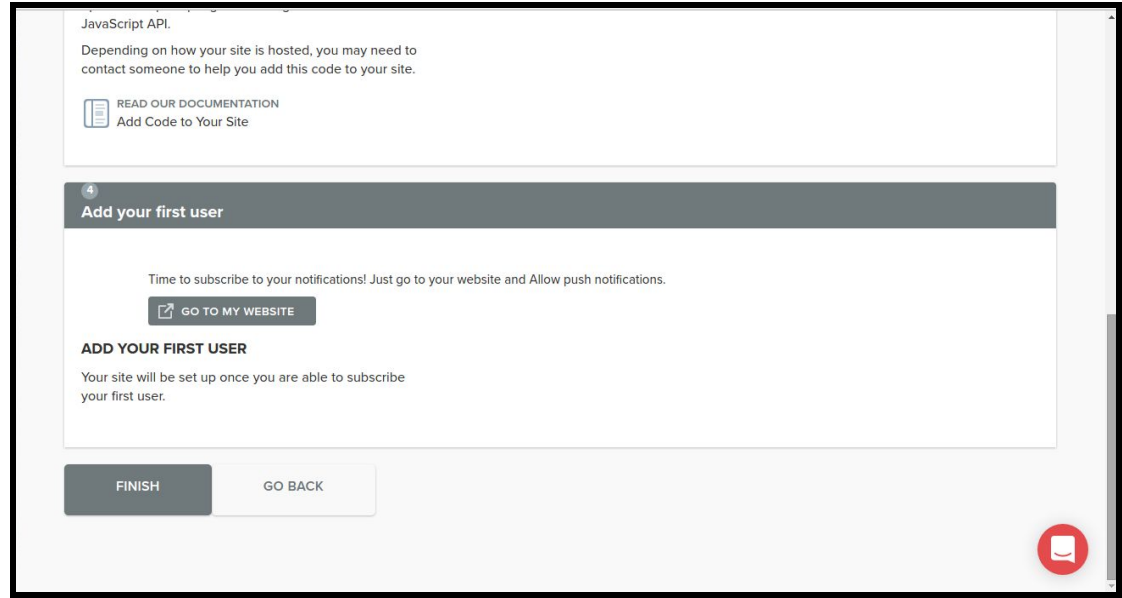
Warning: Changing your label name can cause users to receive duplicate notifications. After your app has 100+ web users, this setting is disabled, and you must start over with a new OneSignal app to use a different label.

 READ OUR DOCUMENTATION

OneSignal HTTP vs. HTTPS SDKs

SAVE

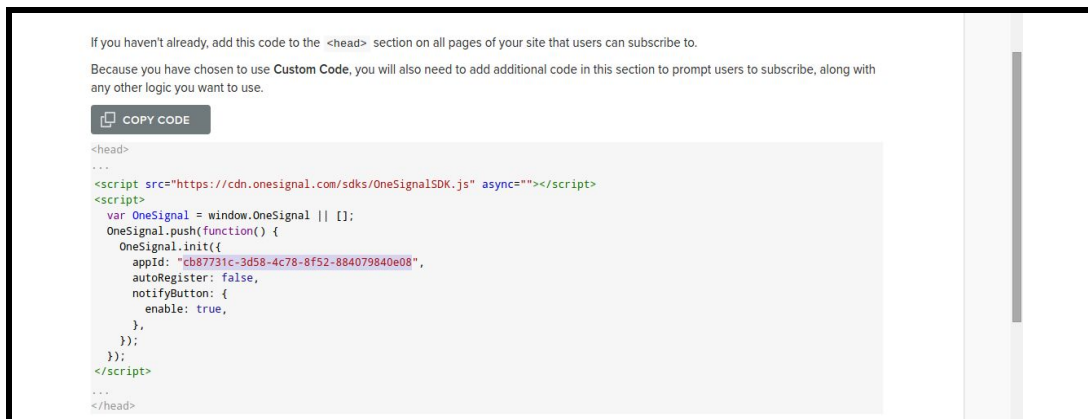




iv.)

(1) Click finish directly no need to do any of the process shown in screenshot, as this will be now handled by odoo.

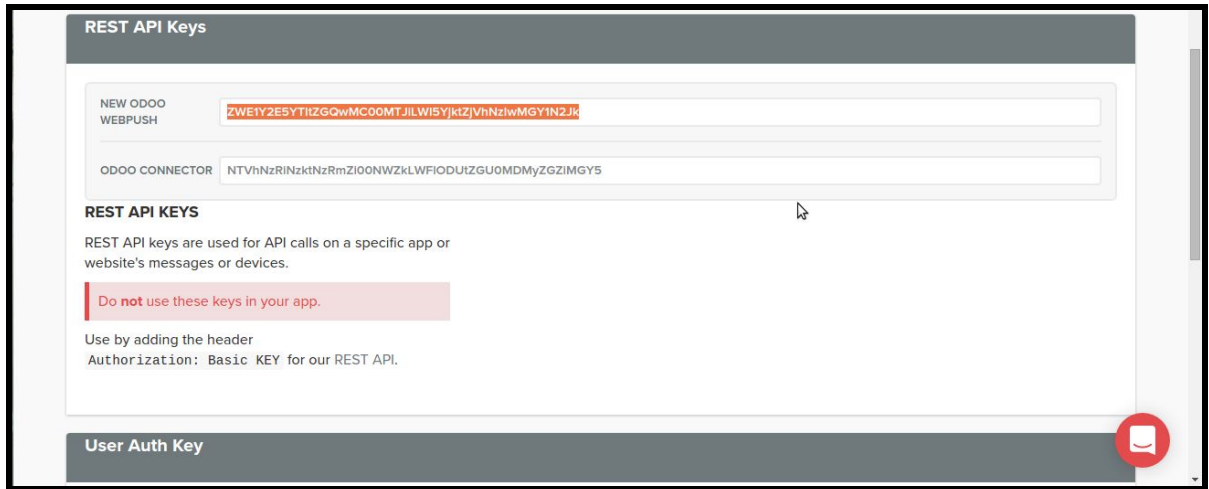
### 3.) We need app id, Where i can find it ?



As shown in above screenshot our app id is cb87731c-3d58-4c78-8f52-884079840e08, copy it and keep in some text file we will need this later when configuring in odoo.

4.) We need API Access key for an app, Where i can find it ?

Click on your profile picture icon, from dropdown select Account api and keys.

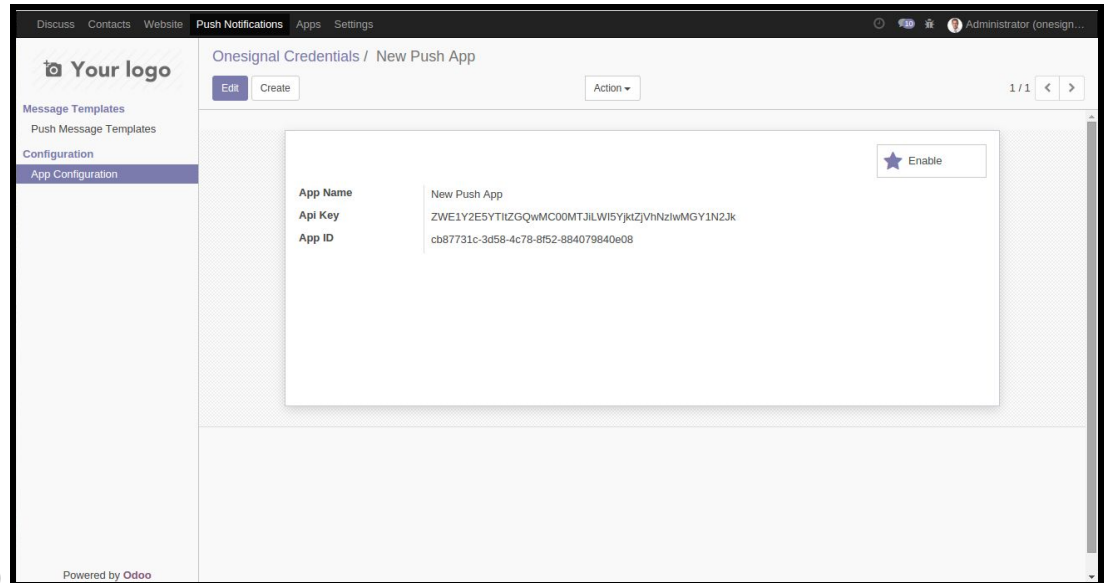


Copy this rest api key for your app i.e New Odoo Push, keep this api key in some text file, we need to use it to configure the app in odoo.

Now we have all required credentials in order to communicate with the onesignal API, so lets jump back to odoo ERP.

1.) Creating App in odoo ( we will use app id and api access key here.)





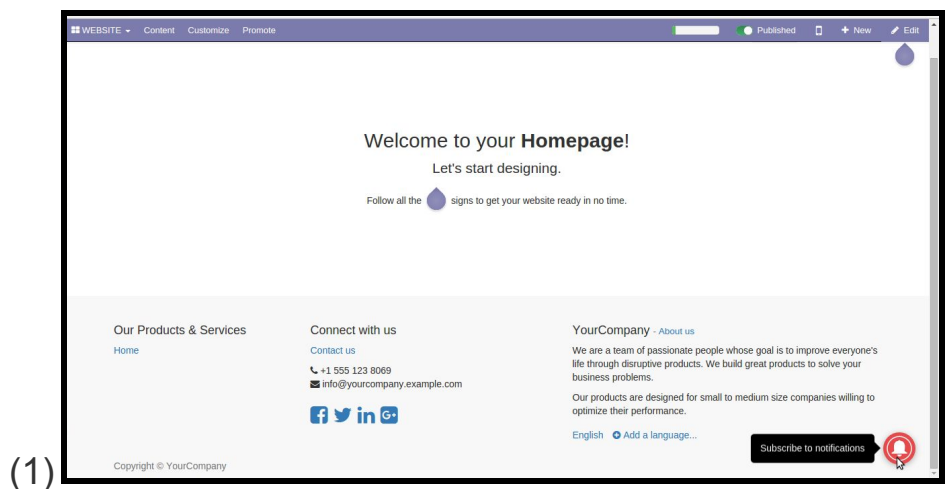
a.)

i.) Paste copied keys and app id in labelled textboxes add app name and click on save button.

ii.) Once saved, we can now enable this app for odoo website. Click on enable button, The button will change to



iii.) Once a app is active, a red bell icon will be shown in odoo website.



(a) Click on that bell icon and click on ALLOW, also allow notification prompt by the browser.

Now we are ready to send push notification, just what we need is a template for message.

Let create a template.

The screenshot shows the Onesignal web interface for creating a message template. The top navigation bar includes links for Discuss, Contacts, Website, Push Notifications (active), Apps, and Settings. The main header area displays 'Your logo' and the title 'Onesignal Message Template / Test Message Template'. Below the header, there are buttons for 'Edit', 'Create', and 'Action'. A 'Send Push Notification' button is also visible. The left sidebar contains a 'Message Templates' section with a 'Push Message Templates' sub-section, and a 'Configuration' section with an 'App Configuration' link. The main content area shows the configuration for a 'Test Message Template'. It includes fields for 'App' (New Push App), 'Template Name' (Test Message Template), 'Message Title' (Flat 30% Discount on entire range of Bose Sound), 'Message Content' (Use coupon code BS01224 for getting flat 30% on entire bose sound range. Hurry stocks are limited.), 'Send to Chrome' (checked), 'Send to Mozilla' (checked), 'Send to Edge' (checked), 'Icon (URL)' (https://static.bose.com/etc/designs/bose/base2016/design/images/bose\_logo\_white\_on\_black.jpg), 'Launch URL' (http://bose.com), 'Priority' (Normal), 'Time to live(days)' (3), and 'Summary'.

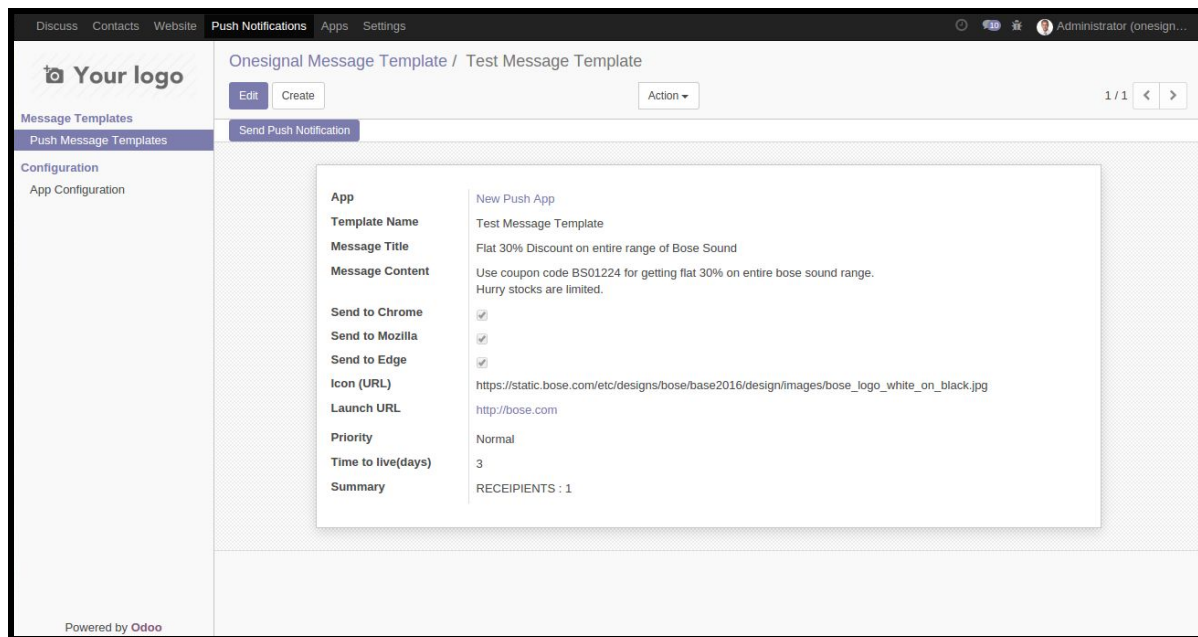
Field	Value
App	New Push App
Template Name	Test Message Template
Message Title	Flat 30% Discount on entire range of Bose Sound
Message Content	Use coupon code BS01224 for getting flat 30% on entire bose sound range. Hurry stocks are limited.
Send to Chrome	<input checked="" type="checkbox"/>
Send to Mozilla	<input checked="" type="checkbox"/>
Send to Edge	<input checked="" type="checkbox"/>
Icon (URL)	https://static.bose.com/etc/designs/bose/base2016/design/images/bose_logo_white_on_black.jpg
Launch URL	http://bose.com
Priority	Normal
Time to live(days)	3
Summary	

Once template saved we are ready to fire notifications using one signal.

For sending notification, Click on Send push notification button.



Wow, awesome notification shown to end user. We can also see how many users got received this notification,



In summary we can see this notification was received by 1 person.