

# **Push Notification Extension**

#### **Product Specification**

Push Notification Extension is a Magento 2 extension developed by Pits Solutions to boost user engagement by integrating **Firebase Cloud Messaging**. This tool delivers quick and relevant updates, improving user experiences. Even during user inactivity, it keeps the communication alive with real-time updates. This is crucial for time-sensitive info, breaking news, or important events. In a world where attention is scarce, push notifications grab it, reviving user interest. The direct communication they offer significantly increases the chances of users coming back. Installing this extension in your online store is a breeze, promising to open new doors for refining your business strategies.

The Push Notification extension grants customers the authority to choose whether they wish to receive push notifications. This opt-in or opt-out decision is presented via a prompt box, enabling them to indicate their preference. After a customer place an order, the extension send customers updates about their orders directly to their devices.

On the administrative front, the extension equips administrators with a powerful toolset. This toolset enables them to dispatch tailored push notifications to the entire customer base. For instance, if there's a fresh discount offer, store owners can quickly send offer to all their customers. This functionality is seamlessly executed via a user-friendly form within the administrative section of the website. Such capabilities facilitate effective and streamlined communication, enabling the establishment to maintain a strong connection with customers while efficiently sharing significant updates or offers.

In summary, the Push Notification extension for Magento 2 gives customers control over push notifications and let store owners easily connect with their customer base. This tool boosts customer engagement and makes it simple to share information, leading to better relationships between businesses and their customers.

Push Notification extension is compatible with Windows (Chrome, Firefox, Opera), macOS (Safari -on macOS may limit silent push notifications to 3 per hour per origin. Excessive background notifications may be suppressed.), and Android devices. However, please note that our extension is not supported on iOS devices.



### Features

- Can easily Enable / Disable the Push Notification extension.
- Supports multi-website, multi-store and multi-lingual.
- Can easily Enable / Disable push notification for each order update (order placing, invoice generation, shipment and credit memo).
- Admin can add custom message for each order update push notification.
- The Push Notification extension allows store owner to customize push notifications for when the website is in the frontend and use the default design when the website is in the background.
- Admin can customize the position of push notification in frontend.

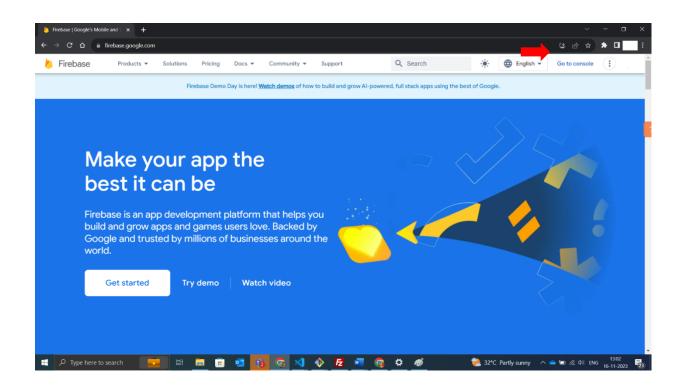


### **1.** Fire Base cloud messaging

In our extension we used Firebase Cloud Messaging (FCM) for send push notification. FCM is a cloud-based service that delivers push notifications to Android, iOS, and web devices. FCM empowers developers to engage users in real time, providing personalized updates and information. With cross-platform support, user segmentation, and instant delivery, FCM enhances user experiences and retention. Its integration with Firebase amplifies its capabilities, ensuring efficient communication and effective user engagement.

For using Pits Push Notification extension in any website admin need to create a project in Fire base. Follow the steps given below to create a project in FCM.

• Go to the fire base website <a href="https://firebase.google.com/">https://firebase.google.com/</a> create an account and click "go to console" button.

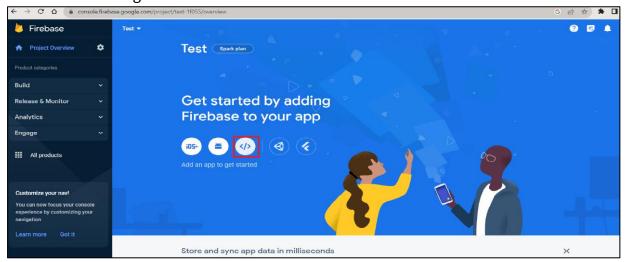




• Open console, create new project.

👋 Firebase console 🛛 🗙 🕂				~ - <b>0</b> ×
← → C △ ■ console.firebase.go b Firebase	ogle.com/?_gl=1*1alsxas*_ga*OTg0NTg5MDkuMT		OTkxMy40LjEuMTcvMDEyMDA5MC42MC4wLjA.	
	Your Firebase projects			
2.	+ Add project	Pits-PushNotification pits-pushnotification	Test test-1f055	
				1/1
	Firebase projects are			
	Containers for your apps Apps in a project share features like Real- time Database and Analytics Q Learn more [2]	(•) (*) (*) (*) (*) (*) (*) (*) (*) (*) (*) (*) (*) (*) (*) (*)		
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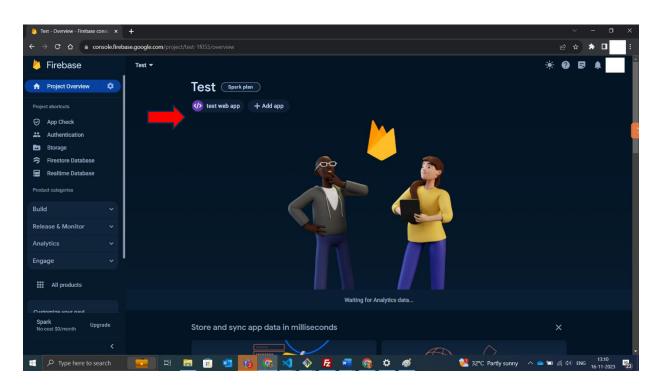
• After creating project create your app in web. Click on the icon in the page, which is marked in the image below.



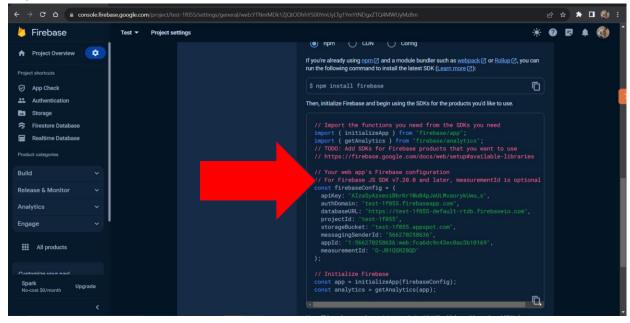
Now you have created your web app for push notification.



• After creating web app open web app settings.



In web app setting open general tab and scroll down now you can see all required keys.



• Create Real time database for your project from the side bar. After creating real time database, it will show in the general tab.



After that you need to configure Firebase Cloud Messaging (FCM) using the HTTP v1 API.

Follow these steps:

#### • Enable Cloud Messaging API:

Under the **Cloud Messaging API (Legacy)** section, locate the **Cloud Messaging API (Legacy)** toggle. If needed, click to **enable it** (used only for backward compatibility – optional for HTTP v1). HTTP v1 uses **OAuth2 access tokens** for authorization and does not rely on the legacy server key.

🔶 Firebase		Push Notifications 💌	
Project shortcuts		Project settings	
Image: Second system     Realtime Database       What's new	٢	General Cloud Messaging Integration Service accounts Data privacy Users and permissions	
Al Logic NEW		Firebase Cloud Messaging API (V1) 📀 Enabled :	
Build	~	Recommended for most use cases. Learn more ? Check the real-time performance of the V1 API on the <u>Status Dashboard</u> ?	
Run Analytics	~	Sender ID Service account 308792852780 Manage service accounts [2]	
AI	~	Suory2002700 Mainage Service accounts (2)	
III All products		Cloud Messaging API (Legacy) 🚫 Disabled :	
Related development too	ls	If you are an existing user of the legacy HTTP or XMPP APIs (deprecated on 20/6/2023), you must migrate to the latest Firebase Cloud Messaging API (HTTP v1) by 20/6/2024. Learn more 🗹	
Checks 🖸 🕐			

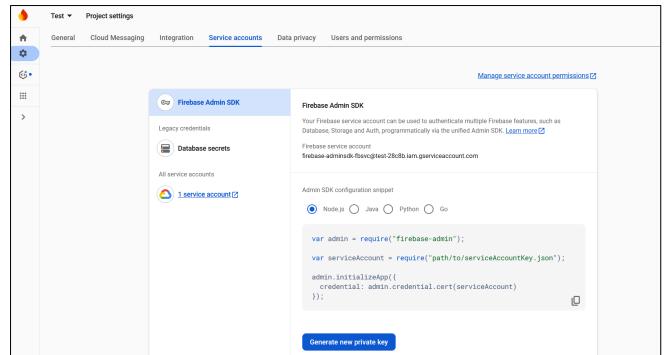
- Generate a Key Pair:
- Scroll to **Web Push certificates** section. Click **Generate Key Pair** to generate your **VAPID key pair**. Copy the **Public Key**.

Product categories						
Build	~		Cloud Messaging API (Legacy) 🚫 Disabled			
Run	~			If you are an existing user of the legacy HTTP or XMPP APIs (deprecated on 20/6/2023), you must migrate to the latest Firebase Cloud Messaging		
Analytics	~		API (HTTP v1) by 20/6/2024. Learn more 🔀			
AI	~					
III All products			Web configuration			
Related development t	tools		Web Push certificates	Web Push certificates		
Firebase Studio 🖸 🕐				Firebase Cloud Messaging can use Application Identity key pairs to co services. <u>Learn more</u>	onnect with external pus	h
Checks 🖸 🕜		,		Key pair	Date Status	Actions
Spark I No cost (\$0/month)	Upgrade			BLKzJylczDSne9tNYCqbnUns1D3S-5gJOITWCqn64R6NLS_QzzY4_ TDL4W5kbdpDnH6WWvZJHI5EsgivTdKb_zo	27 May 2025	
	<					

• Create a Service Account for HTTP v1:

Go to **Project Settings > Service Accounts** tab. Click **Generate new private key** for the **Firebase Admin SDK**. This will download a .json file containing your **service account credentials**.

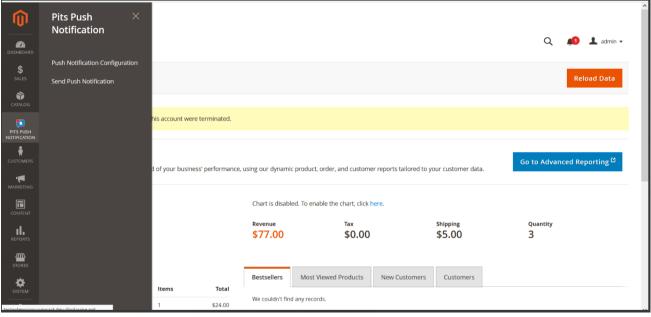




Now we have all the keys, now you only need to add this value into pits store configuration.

# 2. Admin Configuration

Login to the Admin panel and navigate to Pits Push Notification-> Push Notification Configuration.



ê	A One or more indexers are invalid. Mak	e sure your Magento cron job is running.	System Messages: 1 💌
DASHBOARD	Configuration		Q 📫 admin 🔹
\$ SALES	Scope: Default Config 👻 👔		Save Config
CATALOG O PITS PUSH	PITS	Push Notification FCM configuration	$\odot$
	Push Notification	Push Notification Permisson pop-up	$\odot$
	GENERAL	, Push Notification For Order	$\odot$
	CATALOG	Push Notification For Invoice	$\odot$
	SECURITY	Push Notification For Shipment	$\odot$
	CUSTOMERS	Push Notification For Creditmemo	$\odot$
stores	SALES	·	
	УОТРО	·	

In push notification configuration there are 5 sections.

### 2.1 Push Notification FCM configuration

pits

The first section is for enabling / disabling push notification, configure FCM and to set push notification position.

	Configuration				Q	📫 上 admin 🗸
\$ SALES	Scope: Default Config 👻 👔	)				Save Config
CATALOG	GENERAL	~	Push Notification FCM configuration			$\odot$
PITS PUSH NOTIFICATION	PITS CONFIGURATION	^	Enable push notification [store view]	Yes		
CUSTOMERS	Share Order		Application Api Key [globai]			
	Push Notification		FCM Auth Domain [globa1]	push-notifications-80142.firebaseapp.com		
CONTENT	SECURITY	~	FCM Database Url [global]	https://push-notifications-80142-default-rtdb.firebaseio.com/		
	CATALOG	~	FCM Project ID [global]	push-notifications-80142		
	CUSTOMERS	~	FCM Storage Bucket [global]	push-notifications-80142.firebasestorage.app		
*	SALES	~	FCM Sender ID [globa1]			
SYSTEM	SERVICES	~	FCM Application ID [global]			



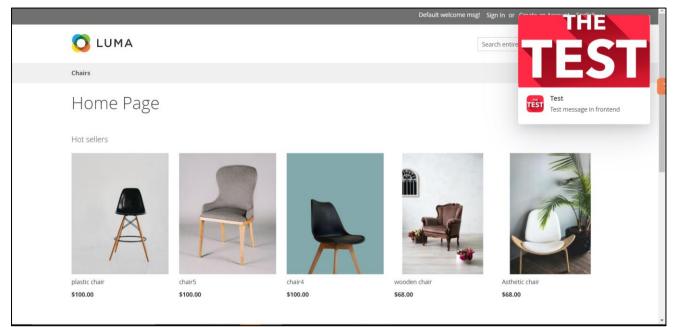
	Configuration				Save Config	
DASHBOARD	CATALOG	~	[global]			
\$ SALES	CUSTOMERS	~	FCM Storage Bucket [global]	push-notifications-80142.firebasestorage.app		
CATALOG	SALES	~	FCM Sender ID [global]			
0	SERVICES	~	FCM Application ID [global]			
PITS PUSH NOTIFICATION	ADVANCED	~	Measurement Id [global]			
T CUSTOMERS			Public Key [global]			
CONTENT			Firebase Service Account JSON [website]	Choose file No file chosen push-notifications-80142-firebase-adminsdk-fbsvc-		
d.				cbd55a4ef4_4.json 🗌 Delete File		
REPORTS				Upload your Firebase service account JSON file		
STORES		Ρ	ush Notification Permission pop-up		$\odot$	
SYSTEM			Notification Message	pop up message		
FIND PARTNERS			[store view]	нов ок шезове		

#### Push notification FCM configuration fields

Push notification FCM configuration fields

Here you need to fill up the fields with FCM configuration values. In Notification Position in frontend option you can select the position where push notification should appear in the frontend. If the website is running in the background then position will not change and the notification it will appear in the default position.

There are four options available in Notification Position in frontend (bottom left, bottom right, top left and top right) if we select top right position then push notification will appear in top right position.



Push notification in the top right position of the website.



If the site is running in the background then the custom positioning will not work and it will have the default position which is bottom-right.



Push notification appears in its default position and design as the website was running in the background.

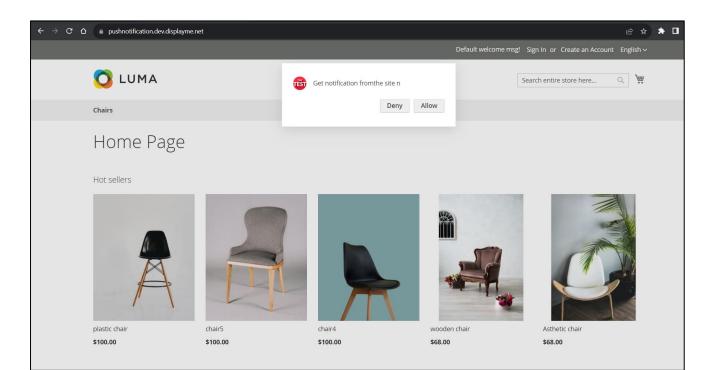
### 2.2 Push Notification Permission pop-up

This section is for configuring the push notification permission pop up text and icon. Here we can see two fields: one for entering the permission pop-up message and the other for uploading image for the permission pop-up.

(	Configuration				Save Config
\$ SALES	PITS	^	Push Notification FCM configu	ration	$\odot$
CATALOG	Push Notification		Push Notification Permission	pop-up	$\odot$
O PITS PUSH NOTIFICATION	GENERAL	~	Notification Message [store view]	Get notification from the site	
	CATALOG	~			
	SECURITY	~	Notification Image	Choose File No file chosen	
	CUSTOMERS	~	[store view]	Delete Image Supported formats: PNG, JPG, GIF. Maximum file size: 2MB.	
CONTENT	SALES	~		Prefer to upload a square icon (equal width and height).	
	SERVICES	~	Push Notification For Order		$\odot$
7775					

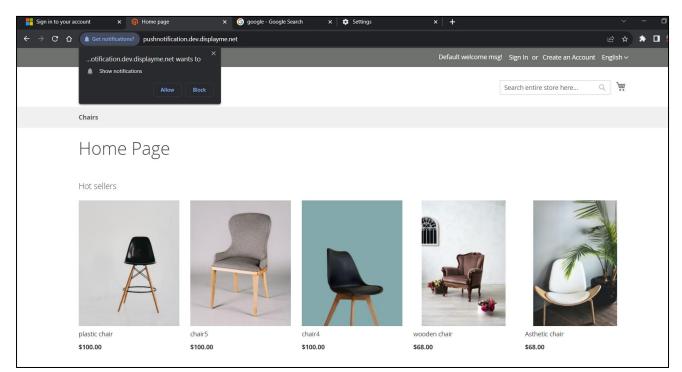
Configuration for permission pop-up.





Permission pop appearing in front end.

By default, "Get custom notification from the site" message will appear in the permission pop-up box. After allowing the permission pop-up, you will also need to allow notification permission from the browser.



Permission pop up from the site.



### 2.3 Push Notification for Order updates

DASHBOARD	Configurat	Save Config	
\$ SALES		a square icon (equal width and height).	
CATALOG		Push Notification For Order Update	$\overline{\bigcirc}$
O PITS ADVANCED		O Push Notification For Order	
CONTACT FORM		O Push Notification For Invoice	
		$\odot$ Push Notification For Shipment	
		$\odot$ Push Notification For Creditmemo	
		Push Notification For Product	$\odot$
STORES	() Copyright © 2024 Magento	to Commerce Inc. All rights reserved.	Magento ver. 2.4.7 Privacy Policy   Report an Issue

Push notification for order update has 4 sections

### 2.3.1 Push Notification for Order

This section is used to handle push notification while placing an order.

-			an an e se	· ·· - ··		
	Configuration					Save Config
DASHBOARD	SERVICES	~	Push Notification For Order			$\odot$
\$ SALES	ADVANCED	~	Enable Push Notification For New Order [store view]	Yes	•	
CATALOG			Notification title [store view]	Order update		
PITS PUSH NOTIFICATION			Notification Message [store view]	Dear customer your order has creaed		
CUSTOMERS					h	
			Notification Action Url [store view]			
				Enter the URL of your website, including the http:// or https:// By default base url will taken	prefix.	
REPORTS			Notification Icon [store view]	Choose File No file chosen Delete Image		
STORES				Supported formats: PNG, JPG, GIF. Maximum file size: 2MB. Pr upload a square icon (equal width and height).	erer to	
\$			Notification Image [store view]	Choose File No file chosen Delete Image Supported formats: PNG, JPG, GIF. Maximum file size: 2MB. Pr	efer to	
SYSTEM				uplead a square icon (orgual width and hoight)	erer to	

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Fields for push notification while placing an order.

$\leftrightarrow$ $\rightarrow$ G $\bigtriangledown$	pushnotification.dev.displayme.net/checkout/onepage/success/	년 🆈 🗖 🍪 🗄
	chairs  Thank you for your purchase!  Your order # Is: 00000046.  We'l email you an order confirmation with details and tracking info.  Continue Shopping  You can track your order status by creating an account. Email Address: benzschulze85@gmail.com  Create an Account	Default welcome msg! Sign in or Search entire CREATED ORE AT DE CONSTRUCTION OF CONSTRUCTION O
	Search Terms Privacy and Cookle Policy Advanced Search Orders and Returns Contact Us	Enter your email address Subscribe

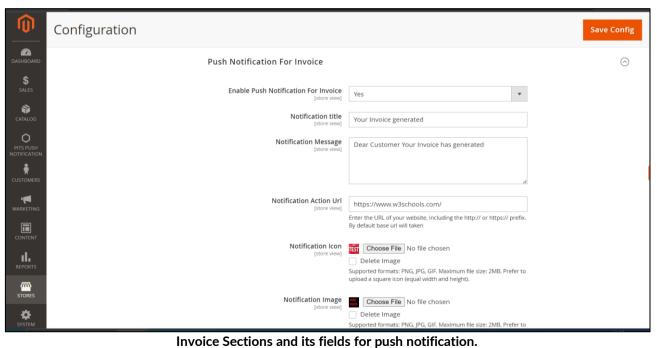
Push notification while placing an order.

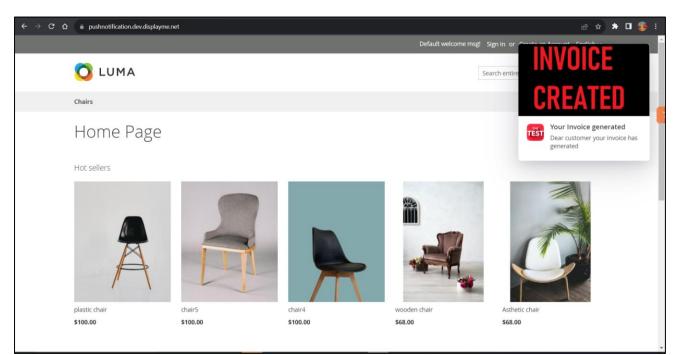
### 2.3.2 Push Notification for Invoice, Shipment, Creditmemo

"Push Notification for Invoice", "Push Notification for Shipment" and "Push Notification for Creditmemo" sections are used to configure push notification for order updates like invoice,



shipment and creditmemo creation. Admin can enable/disable push notification for each section.



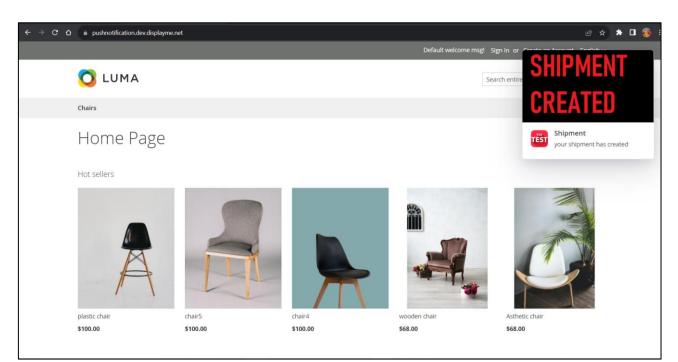


Push notification for invoice generation.



	Configuration			Save Config
dashboard	Push No	otification For Shipment		$\overline{\bigcirc}$
SALES	E	Enable Push Notification For Shipment [store view]	Yes 💌	
PITS PUSH		Notification title [store view] Notification Message	Shipment	
		[store view]	your shipment has created	
		Notification Action Url [store view]		
			Enter the URL of your website, including the http:// or https:// prefix. By default base url will taken	
REPORTS		Notification Icon [store view]	Choose File No file chosen Delete Image	
STORES			Supported formats: PNG, JPG, GIF. Maximum file size: 2MB. Prefer to upload a square icon (equal width and height).	
SYSTEM		Notification Image [store view]	Choose File No file chosen Delete Image Supported formats: PNG, JPG, GIF. Maximum file size: 2MB. Prefer to upload	
FIND PARTNERS			a square icon (equal width and height).	

Shipment sections and its fields for push notification.

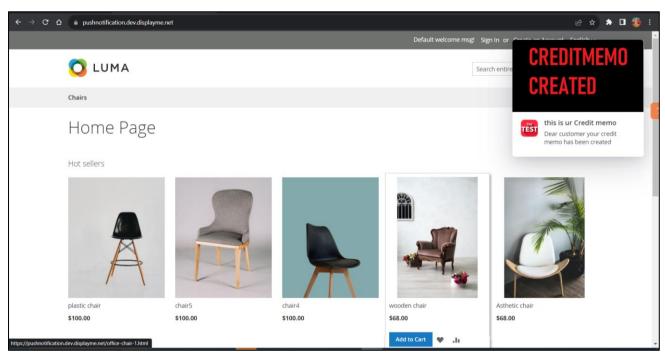


Push notification for shipment creation.



DASHBOARD	Configuration			Save Config
\$ sales	,	Push Notification For Creditmemo		$\odot$
CATALOG		Enable Push Notification For Creditmemo [store view]	Yes	
		Notification title [store view]	this is ur Credit memo	
		Notification Message [store view]	Dear customer your credit memo has been created	
		Notification Action Url [store view]	https://www.google.com Enter the URL of your website, including the http:// or https:// prefix. By default base uri will taken	
		Notification Icon [store view]	Choose File No file chosen Delete Image	
SYSTEM			Supported formats: PNG, JPG, GIF. Maximum file size: 2MB. Prefer to upload a square icon (equal width and height).	
FIND PARTNERS		Notification Image [store view]	Choose File No file chosen Delete Image	-

Creditmemo sections and its fields for push notification.



Push notification for creditmemo creation.

### 2.4 Push notification for Product



#### In this section we have three sub sections for product notification.

SALES	Configurat	Save Config		
	Push Notification		Push Notification Permission pop-up	$\odot$
PITS ADVANCED CONTACT FORM	GENERAL	~	Push Notification For Order Update	$\odot$
PITS PUSH NOTIFICATION	SECURITY	~	Push Notification For Product	$\odot$
CUSTOMERS	CATALOG	~	⊙ Push notification for new product	
	CUSTOMERS	~	$\odot$ Push notification for product price drop	
	SALES	~	<ul> <li>Push notification for product stock alert</li> </ul>	
	SERVICES	~	0	
STORES	ADVANCED	~		
SYSTEM	<u>(</u> ) Copyright © 2024 M	agento Commerce Inc. Al	rights reserved.	Magento ver. 2.4.7 Privacy Policy   Report an Issue

Three sub sections of "push notification for product"

### 2.4.1 Push notification for new product

DASHBOARD \$ SALES	Configurat	Save Config			
CATALOG	SECURITY	~	Push Notification For Product		$\overline{\bigcirc}$
0	CATALOG	~	$\odot$ Push notification for new product		
PITS ADVANCED CONTACT FORM	CUSTOMERS	~	Notification title	Check our new product	
PITS PUSH NOTIFICATION	SALES	~	Notification Message	Hey there! We've just added a cool new product called	
CUSTOMERS	SERVICES	~	[store view]	[product name] to our store. Check it out – you're gonna love it!	
	ADVANCED	~	U	e [product name] instead of "product name" in the field	
			[store view]	Choose File test_8.jpg upported formats: PNG, JPG, GIF, Maximum file size: 2MB. Prefer to	
			u	pload a square icon (equal width and height). Choose File No file chosen	
			[store view] Si uj	CHOOSE HIE NO THE CHOSEN upported formats: PNG, JPG, GIF. Maximum file size: 2MB. Prefer to pload a square icon (equal width and height). Note : If the product nage is unavailable, we'll use above image as an alternative.	
SYSTEM			O Push notification for product price	drop	

Push notification for new product config values

In this section, we can add configuration values for push notifications for new products. The notification image will be used only if the product image is missing, and the action URL for the product will be the product URL. After configuring the store settings, you need to check the box in the push notification section of the product edit/add form for the product you want to send a new product alert for, and then save the product. After saving the product with selected checkbox for "New product alert", the notification will be sent to all customers who have enabled push notifications. If you want to send the push notification again, you need to repeat the process. The new product alert is only applicable if the product is enabled and visible on the storefront.

Joust Duffle E	3ag	← Back	Add Attribute	Sav
Design				
Schedule Design l	Jpdate			
Gift Options				
Push Notification				
	Product Price Drop alert [global]	No Use Config Settings		
	Product Stock alert [global]	No Vise Config Settings		
	New product alert	Please check this box to send new product alerts to all customers. Note that push notifications will only be effective if the product is both enabled and visible on the storefront.		
Downloadable inf	ormation			

New product alert check box in product edit/add form

### 2.4.2 Push notification for product price drop

DIE

\$ SALES	Configurat	Save Config			
CATALOG					
DITS ADVANCED CONTACT FORM			⊘ Push notification for product price	e drop	
PITS PUSH			Enable price drop alert [store view]	No	•
			Notification title [store view]	Price Drop Alert! Unbeatable Deals Await – Check it Out!	
			Notification Message [store view]	Great news! The price for [product name] just dropped. Don't miss out on the amazing deal – grab it now at the new, lower price!	
CONTENT				Use [product name] instead of "product name" in the field	
REPORTS				Choose File No file chosen Supported formats: PNG, JPG, GIF. Maximum file size: 2MB. Prefer to	
			Notification Image	upload a square icon (equal width and height).	
SYSTEM				Supported formats: PNG, JPG, GIF. Maximum file size: 2MB. Prefer to upload a square icon (equal width and height). Note : If the product image is unavailable, we'll use above image as an alternative.	

Configuration filed for push notification for price drop

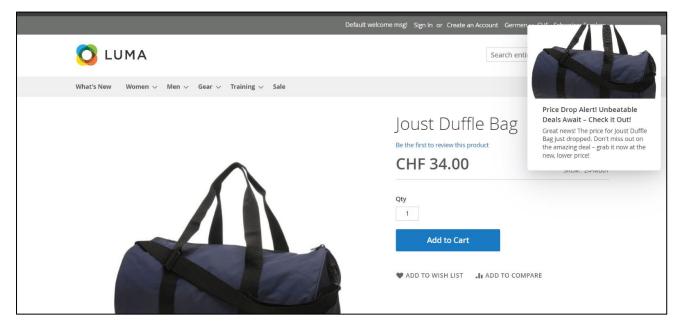
Here we can configure the fields for product price drop alert push notifications. The "Enable price drop alert" setting is used as the default value for all products. The notification image will be used only if the product image is missing, and the action URL for the product will be the product URL.

After saving the store configuration, you can individually select each product and decide whether to enable the product price drop alert, disable it, or use the default "Enable price drop alert" setting from the store configuration. To do this, navigate to Catalog -> Products, click the edit action link for the product you want to edit, and go to the "Push Notification" section to configure "Product Price Drop Alert" field.

CASHBOARD	oust Duffle Bag $\leftarrow$ Back Add Attribute S	ave 🔻
\$ SALES	Product in Websites	$\odot$
CATALOG	Product Salable Quantity 👔	$\odot$
PITS PUSH NOTIFICATION	Design	$\odot$
	Schedule Design Update	$\odot$
	Gift Options	$\odot$
	Push Notification	$\odot$
REPORTS	Product Price Drop alert [global] Ves Use Config Settings	
STORES	Product Stock alert 🕖 No 🗹 Use Config Settings	
SYSTEM	New product alert Please check this box to send new product alerts to all customers. Note that push notifications will only be effective if the product is both enabled and visible on the storefront.	
<b>\$</b>		

Product price drop alert field in Push notification section of product edit form

If you select a product for a price drop alert, customers will receive a notification each time the price of that product drops.



Product price drop alert in store front

### 2.4.3 Push notification for product stock alert

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DASHBOARD	Configuration	Save Config
\$ SALES	⊘ Push notification for product sto	k alert
CATALOG	Enable stock alert (globai)	No
PITS PUSH NOTIFICATION	Threshold quantity for stock alert	5
CUSTOMERS	Notification title (store view)	Limited Stock Alert! Act Fast Before It's Gone!
MARKETING	Notification Message [store view]	Act fast! The stock for [product name] is running low. Don't wait too long – secure yours before it's gone
CONTENT		
REPORTS	Notification Icon	Use [product name] instead of "product name" in the field Choose File No file chosen
	(store view)	upported formats: PNG, JPG, GIF. Maximum file size: 2MB. Prefer to upload a square icon (equal width and height).
SYSTEM	Notification Image [store wew]	Choose File No file chosen Supported formats: PNG, JPG, GIF. Maximum file size: 2MB. Prefer to
۲		upload a square icon (equal width and height). Note : if the product image is unavailable, we'll use above image as an alternative.

Configuration field for product stock alert

Here we can configure the field for stock alert push notifications. In this section, we have the "<u>Threshold quantity for stock</u>," where we can assign the threshold quantity. This means that if the product quantity decreases below this threshold, a stock alert will be triggered. All other fields in the stock alert configuration are the same as the price alert configuration.

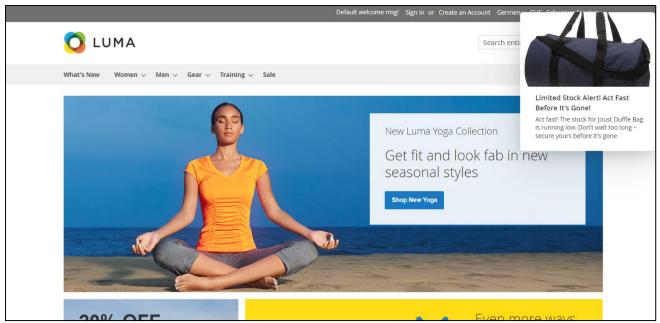
After saving the store configuration, you can individually select each product and decide whether to enable the product stock alert, disable it, or use the default "Enable stock alert" setting from the store configuration. To do this, navigate to Catalog -> Products, click the edit action link for the product you want to edit, and go to the "Push Notification" section to configure the "Product Stock Alert" field.

dashboard	Joust Duffle	Bag				<del>\</del>	Back	Add Attribute	Save	• •
SALES	Product Salable	Quantity 🕜								$\odot$
	Design									$\odot$
PITS PUSH NOTIFICATION	Schedule Design	n Update								$\odot$
	Gift Options									$\odot$
	Push Notificatio	on /								$\odot$
		Product Price Drop alert [global]	Ves	Use Config Settings						
		Product Stock alert	Ves 🕐	Use Config Settings						
SYSTEM		New product alert		neck this box to send new pro ffective if the product is both		h notifications will				

Product stock alert filed in Push notification section of product edit form

A stock alert is triggered when someone places an order from the storefront and the salable stock decreases below the threshold quantity.





Product stock alert Push notification in front end

# 3.0 Custom Push Notification from Admin

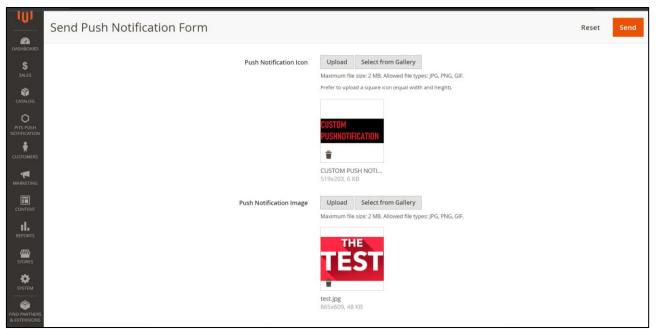
Admin can send custom push notification to all the customers through custom form in backend. Navigate to Magento Admin -> Pits Push Notification -> Send push notification.

	Send Push Notification Form		Reset	Send
DASHBOARD	Push Notification			
\$ SALES				
CATALOG	Push Notification Title *	Custom push notification		
PITS PUSH NOTIFICATION	Push Notification Message *	Custom push notification message		
CUSTOMERS				
	Action link for push notification			
	Push Notification Icon	Upload Select from Gallery Maximum file size: 2 MB. Allowed file types: JPG, PNG, GIF.		
REPORTS		Prefer to upload a square icon (equal width and height).		
		CUSTOM		
SYSTEM		PUSHNDTIFICATION		
FIND PARTNERS & EXTENSIONS		CUSTOM PUSH NOTI 519x203, 6 KB		_

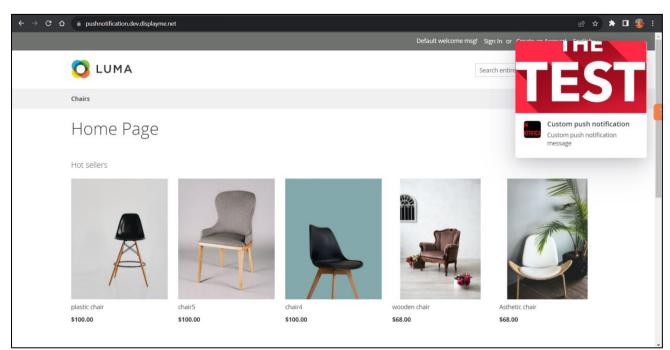
Custom form to send push notification.

In the Push Notification configuration, there is an "Action Link for push notification" field where a URL can be provided. When the user clicks on the push notification, they will be redirected to the specified link, enabling deep linking to specific pages (e.g., product, promotion, or order detail pages).





Custom form to send push notification.



Custom push notification in frontend.



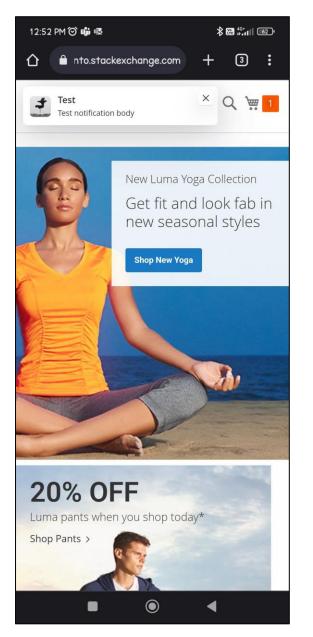
# 4.0 Push Notification in Mobile devices

In mobile device push notification design have changes in both frontend and background. Push Notification image is hidden in frontend. In background push notification appear in notification bar.

ло 4G 11:29 Wed, 6 Sep	\$ © ፼⊪ 奈 መ ₊₀
Chrome · demo.mypits.org:196 Test title Test body	• now
×	
• •	<

Background push notification in notification bar.





Frontend push notification in mobile device.



### **5.0 Installation Requirements**

- PHP 8.1 or later.
- Magento Open Source 2.4.4 and later.
- Google Auth dependency via Composer is required for FCM (Firebase Cloud Messaging) functionality
- No other third-party plugins are required this extension is self-sustaining beyond Firebase support

# 5.1 Installation Steps

To install the Push Notification module, follow the steps below.

- Download the module.
- Access your web server directories and unzip and upload the content of the zip file to app/code/Pits/PushNotification directory.
- Install the required Firebase libraries using Composer: composer require google/auth: ^1.0.0

Run the below commands on terminal

- php bin/magento setup:upgrade
- php bin/magento setup:di:compile
- php bin/magento setup:static-content:deploy -f
- php bin/magento cache:clean

### 6.0 Technical Requirements / Compatible with:

• Magento Open Source 2.4.4 - 2.4.8

### 6.1 Developer Notice

• After saving Firebase configuration values in the backend, please ensure that a firebase-messaging-sw.js file is created in both the pub and root directories.



- The site needs to be secured (SSL enabled) in order to receive push notifications.
- The Firebase Service Account JSON file must be uploaded manually through Magento backend. Once uploaded, file will be saved to the app/etc/fcm\_config/default directory.

# **6.2 Supported Browsers**

- Windows: Chrome, Firefox and Opera
- Mac: Safari
- Android: Chrome, Firefox and Opera

### 6.3 Important Notes

- iOS devices will not support firebase push notification.
- Safari on macOS may limit silent push notifications to 3 per hour per origin. Excessive background notifications may be suppressed.

# 6.4 Supported Languages

- English
- German
- French

# 6.5 Change Log / Release Notes

#### Version: 1.0.1: June 2025

- Compatible with Magento Open Source (CE): 2.4.4 2.4.8
- New product alert added.
- Product stock alert added.
- Product price drop alert added.

Version: 1.0.0: Sept 2023

• Initial Version.

# 7.0 Support

If you have questions, use our contact form at <u>webshopextension.com</u> or email at <u>support@webshopextension.com</u>