
young-dogs

MANUAL

Push Notifications

v1.0.0





Description

This Module allows the use of the new Web Push Notifications service. You can create, manage and schedule Web Push Notifications from the Magento backend with ease. Allows clients to subscribe to your notifications with just one click on the frontend.

Requirements

This module requires:

- ➔ **PHP Extension GMP** for Security/Encryption purposes
- ➔ **Application server keys (VAPID)** identification keys to identify your application server with a push service see chapter “Get Application server keys” of this manual.
- ➔ **HTTPS Certificate** Web Push Notifications just works Secure Servers

Browser Compatibility

In the moment of this writing the Push notifications work only on following browsers:

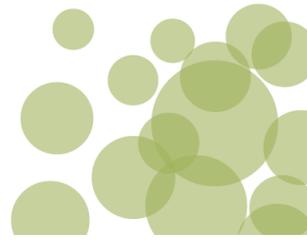
Firefox
Firefox for Android
Chrome
Chrome for Android
Opera

Installation

The installation is the same as for any other modules in Magento.

1. Decompress the module right in the root of your Magento installation.
2. Clear Magento cache.
3. If you have the compiler enabled, you will have to run the compilation process.
4. You might need to logout and login again in the backend.

The module will add a new section in System > Configuration to configure the settings for the module and also a new Menu Item in the backend.



Configurations

PWA

 Save Config

Push Notifications ▲

Public key	<input type="text" value="BBXQNmG-XGGmu2HTPU1_d8mqONFANpYsT8tf"/>	[STORE VIEW]
Private key	<input type="text" value="IA7wgCpL1p-1fu4_T7UOUVPfN6r2k_roxKWIVH4IV"/>	[STORE VIEW]
Default title	<input type="text"/>	[STORE VIEW]
	▲ Default title to use in notifications. If not provided it will default to the store's frontend name.	
Default icon	<input type="text"/>	[STORE VIEW]
	▲ Default icon to use in notifications. If not provided it will default to the store header's small logo. Only PNG, JPEG and WebP formats supported.	
Default badge	<input type="text"/>	[STORE VIEW]
	▲ Default icon to use when there is not enough space to display the notification itself. If not provided it will default to the store header's small logo. Only PNG, JPEG and WebP formats supported.	
Default URL	<input type="text"/>	[STORE VIEW]
	▲ Default URL to open when the notifications are clicked. If not provided it will default to the store's home URL.	
Require user interaction	<input type="text" value="Yes"/>	[STORE VIEW]
	▲ Display the notification until the user clicks or dismisses it. If 'no', Chrome for desktop will minimize notifications after 20 seconds.	
Vibration	<input type="text" value="400"/>	[STORE VIEW]
	▲ Vibration to run with the display of the notification in milliseconds. Vibration patterns can be defined with a comma separated list of times, where even indices indicate how long to vibrate and the odd indices indicate how long to pause. For example 300,100,400 would vibrate 300ms, pause 100ms, then vibrate 400ms.	

- Public key** Public Application Server key (see Chapter “Get Application server keys”)
- Private key** Private Application Server key (see Chapter “Get Application server keys”)
- Default title** Default title for the Notifications
- Default icon** Default Url to the Icon, Supported formats: PNG, JPEG, WebP
- Default Url** Default Url where notification links to
- Require user interaction** If Yes selected then the notification is displayed until user clicks or dismisses it otherwise the notification will be minimized after 20 seconds
- Vibration** Duration of vibration , in millisecond, when notification is received



Usage

Once setup is completed, the module will work as described.

Get Application server keys

To retrieve application server keys please visit

<https://web-push-codelab.glitch.me/>

Copy the public and private key into your backend configuration.

Create a new Notification

Login into the Magento Admin and go to *Push Notifications > Notifications* and click on the *Add New* Button in the upper right.

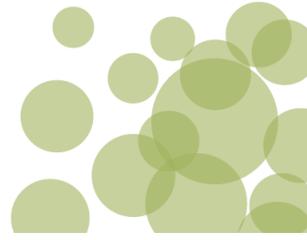
First choose the Store View for which this notification should be created, It will be send to the clients which subscribed on this store view.

You can either fill in the fields (Title, Message, Image, URL) manually or choose a product which will fill the fields automatically.

In case you want the notification be sent at a specific time, enter/choose a date in the Date field. If you want the notification to be sent directly leave this field empty.

In the lower page you can see a preview of the created notification

Note: Notification will just be added to the queue when you have already Subscribers!



Modify Notifications

In your Magento Admin go to *Push Notifications > Notifications*.

Push Notifications [Add New](#)

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ID	Icon	Title	Message	URL	Store View	Status	Scheduled at	Finished at
3		French Cuff Cotton Twill Oxford	Made with wrinkle resistant cotton twill, this French-cuffed luxury dress shirt is perfect for Business Class frequent flyers.	https://young-dogs.com/store2/demo5/index.php/catalog/product/view/id/231/s/french-cuff-cotton-twill-oxford/	Main Website Madison Island English	Processing	2017-11-16 13:50:00	
2		Linen Blazer	In airy lightweight linen, this blazer is classic tailoring with a warm weather twist.	https://young-dogs.com/store2/demo5/index.php/catalog/product/view/id/244/s/linen-blazer/	Main Website Madison Island English	Pending	2017-11-16 13:32:00	
1		Plaid Cotton Shirt	This everyday shirt is equally stylish with jeans or trousers.	https://young-dogs.com/store2/demo5/index.php/catalog/product/view/id/237/s/plaid-cotton-shirt/	Main Website Madison Island English	Pending	2017-11-16 13:14:00	

In this grid you see all your created Notifications, to modify a Notifications simply click on it.

Note: Only Notifications with the status 'Pending' can be modified, notification with other status will throw an Error when you try to save them after a modification.

The Queue

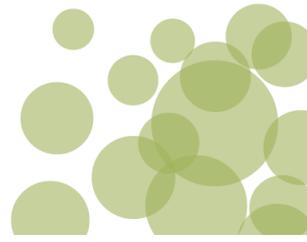
In your Magento Admin go to *Push Notifications > Queue*

Push Notifications Queue

Page 1 of 1 pages | View 20 per page | Total 2 records found [Reset Filter](#) [Search](#)

ID	Notification	Subscriber	Status	Result	Sent at
2	French Cuff Cotton Twill Oxford	Guest	Pending		
1	French Cuff Cotton Twill Oxford	Guest	Pending		

This grid has only an informative purpose, here you can see the Status of the Notifications send to the Subscribers . Each line shows the status of the Notification send to one specific User.



Subscriber

In your Magento Admin go to *Push Notifications > Subscriber*

Push subscribers

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ID	Subscriber	User agent	Store View	Subscribed at
1	Guest	Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/62.0.3202.94 Safari/537.36	Main Website Madison Island English	2017-11-16 12:47:52
2	Guest	Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/62.0.3202.94 Safari/537.36	Main Website Madison Island English	2017-11-16 12:47:52

This grid has only an informative purpose, here you can see all the subscribers which subscribed to your push messages. If the subscriber is also a customer of your shop then you will see the customer name in the *Subscriber* column. In the *User agent* column you can see with which Agent (Internet Browser) the visitor subscribed. One visitor/customer can subscribe with multiple internet browsers on multiple devices. Where each of the browsers will receive a notification.