Push Notifications

Push messages enable your gateway to send notifications on desktop and mobile devices even when the users are not active.

To implement push notifications, you need to:

1. Create a Service Worker
2. Ask the user for permission to send push notifications
3. Send theclient identifier
4. information to our notification server
5. Add logic to display the notifications

Example Check our working example athttps://github.com/near-examples/BOS-notifications

Create the Service Worker

Push notifications work by having a[service worker](#) on the client side that listens for messages from the NEAR notifications server.

- Create

app/scripts/main.js loading ... [See full example on GitHub](#) Browsers readily provide native support for service workers, so you can easily check if a service worker exists, and create one if not.

Subscribe to our Notifications

In order to have theservice worker display notifications, you need to subscribe it to a notifications server.

A notification server is identified by itspublic key , constraining that only the server holding theprivate counterpart can push notifications to the user.

- Subscribe

app/scripts/main.js loading ... [See full example on GitHub](#) Permission When you subscribe to the service, the user will be asked for permission to be sent notifications.

Create a Stream in our Server

After you subscribe the user to a notifications server, share it with us so we can start sending you notifications!

For this, make apost request to our server, add which account you want to be notified for, and a URL identifying your gateway.

- Stream

app/scripts/main.js loading ... [See full example on GitHub](#) tip Thegateway parameter is there just to help us keep track of who receives notifications.

Handle Notifications

When the user receives a notification, theservice worker will be triggered, and you can add logic to display the notification.

- Notifications

app/scripts/sw.js loading ... [See full example on GitHub](#) Feel free to personalize the notification as you wish, and to add logic on what to do once the notification is clicked. In our example, we just open the Post page.

- Notifications

app/scripts/sw.js loading ... [See full example on GitHub](#)[Edit this page](#) Last updatedonDec 9, 2023 bygagdiez Was this page helpful? Yes No

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