Op ma 9 jul. 2018 om 16:05 schreef Noah Zinsmeister <noah@hydrogenplatform.com>:

Hi ████ ██████

Excellent work so far! Based on the video, the plugin looks like it's in great shape.

As a next step, Andy and I will install the plugin and put it through some tests. We'll get back to you no later than 5pm EST tomorrow with some feedback, and we can go from there! We'll plan to use the instructions that you gave me on Discord, ████ (copied below to loop everyone in).

- Download and install fresh copy of WP
- cd wp-content/plugins (from docroot)
- git clone git@github.com:adrenth/wp-hydro-raindrop.git
- cd wp-hydro-raindrop
- composer install

Best,
Noah

--
HYDROGEN
Noah Zinsmeister
Blockchain Engineer
915 Broadway, Suite 801
New York, NY 10010

Op 10 jul. 2018 om 17:50 heeft Noah Zinsmeister <noah@hydrogenplatform.com> het volgende geschreven:

Hi!

I had some time this afternoon to work through the plugin - it was a bit tricky setting up Wordpress to correctly use a localhost with a self-signed SSL certificate and a local database, but after that, installing the plugin was fairly easily. In terms of actual plugin functionality, overall you two did a really excellent job, the flow was great, and I linked my ID successfully. My feedback is below, divided in 3 sections. Let me know you think, or if there's anything you'd like to discuss further.

Critical Bugs

- After successfully linking a HydroID in the 'Edit My Profile' tab, users are taken to an authentication screen. If they cancel, or are unable to correctly sign the code (perhaps because they entered someone else's ID, or one they no longer have access to), the ID remains linked, and all subsequent logins are impossible because they require signature from an ID the user doesn't control. Instead, logins should trigger 2FA only once that first confirmation has gone through.

Non-Critical Bugs

- When users try to register a HydroID that's already mapped, they get a 'Could not register user with Hydro ID xxxxxxx: The user is already mapped to this application.' error. Getting to that error is an edge case, so this implementing this is optional, but it might be nice to have an 'Unregister' button in that error message that lets users unlink their ID and try again.

Additional Installation Resources/Notes

- It would be helpful to put the installation instructions you gave me up on the Github, and to write out some very simple instructions on how use the plugin. For example, go to settings to enter your API credentials, go to your profile to link your HydroID, etc.
- Running `composer install` in adrenth/wp-hydro-raindrop requires php *7.2: 'adrenth/raindrop-sdk dev-develop requires php *7.2 -> your PHP version (7.1.16) does not satisfy that requirement'. That's something to note in the installation instructions.
- Another thing to note in the instructions is that SSL/HTTPS is required to use the plugin.
- When the final plugin is ready, it would be nice to have it be installable on the Wordpress store.

Again, really great work overall! Keep us posted, and let us know if there's anything else you need from us.

Also in case you didn't see, Hydro is fielding applications to become a Decentralization Ambassador (DA), check it out if you're interested! I think you two would have a strong shot.

Best,
Noah

On Thu, Jul 12, 2018 at 4:55 PM, ████ ████████████ wrote:

Hi Noah,

We've addressed the issues and we've committed them to the repo.

Can you review the changes with your team?

The plugin must be reviewed by WordPress.org team in order to publish it on their plugin directory. This will take 5 to 10 days.

After successful review the plugin needs to be committed to a SVN repo. The plugin page must be provided with content/logo's and icons and a proper description ofcourse.

My advice to you: The WP plugin should be submitted by the Hydrogen company itself. So they control official publication of the plugin. And take it down, if needed. So that Hydrogen company is not dependent of me and my brother in person.

One last question: Is the bounty for the PHP package still in effect? You said you would consult your team for an appropriate bounty.

Thanks again for this opportunity!

Best regards,

████████ ██████
████████████████████

Op di 17 jul. 2018 om 00:10 schreef Noah Zinsmeister <noah@hydrogenplatform.com>:

Hi ████ ████████

Great work with those fixes, I really like way you integrated the new unregister/unconfirmed logic/UI. I found a few more bugs, some of them fairly significant, but I think once these are addressed, it'll be clear sailing! In order of decreasing severity:

Production API error
When trying to register a HydroID with my production API credentials, I received a `Could not register user with Hydro ID fz21n4q: Client error: `POST https://api.hydrogenplatform.com/hydro/v1/application/client` resulted in a `401 Unauthorized` response: {"error":"invalid_token","error_description":"Cannot convert access token to JSON"}` error. This seems like an SDK error to me. I know we didn't give you production API credentials, so this is partially my fault. If it's an easy fix, once you've sorted it out I can test it for you. If you can't figure it out without keys of your own, let me know and I'll figure out a way to get you production keys (our process for distributing production keys isn't quite finished).

Remove HydroID length restriction
In settings, you must allow arbitrary-length HydroIDs (you can limit the input field to >= 3 and <= 32 characters, if you like). Although the official Hydro app natively generates 7 character hydroids, it is possible to have varying-length hydroIDs, which should be accounted for.

Regenerate code between sessions
I noticed that e.g. once a HydroID is successfully linked, after users click login and receive a code, and then press cancel, subsequent login attempts use the same code. Ideally, a new code should be generated every time a user lands on the 2FA page from another page (or even on every verification attempt/cancel, if that is easier to implement).

Clear stored HydroID when changing environments
After changing any environment variable (application ID, environment, client id, or client secret) any linked hydroIDs should be unlinked, as they are no longer going to be valid given the new data.

Instructions Fix
It should be noted in the installation instructions that PHP 7.2 or higher is required, see my previous email.

Example Usage
After the installation guide, it would be helpful to add something like:
Using the Plugin
As a Site Admin
1. Under `Settings` navigate to the `Hydro Raindrop MFA` section and input your information to Access the Hydro API (available through your [Hydrogen Developer Account](https://www.hydrogenplatform.com/)).
2. Under `Profile`, enter your HydroID in the `Hydro Raindrop MFA` section
As a Site Editor/Author/etc.
1. Under `Profile`, enter your HydroID in the `Hydro Raindrop MFA` section

Let me know if you have any questions!

Best,
Noah

On Tue, Jul 17, 2018 at 3:42 PM, A. Drenth ████████████ ████ wrote:

Hi Noah,

We've put some hours work in it to fix the issues you have mentioned. We've added some extra functionality to the PHP SDK package to detect whether a user was already mapped to an application or not. This functionality was needed to do the proper resets in the WordPress plugin. We've discussed that issue on Discord. And for the record I've included a screenshot:

<image.png>

[fixed|needs testing] Production API error

After changing any settings which may have influence on the API connection, the API access token will be unset. So when you switch from Sandbox to Production, this should work. I could not test that scenario because I did not have any production credentials.

We also added an additional API credentials validation check. When adding new or changing the API credentials the token will be refreshed (or not). A proper error message will appear.

We've also added some extra information to the settings page.

[fixed] Remove HydroID length restriction

The restriction have been removed and adjusted accordingly. It is possible to enter a HydroID with length >= 3 <= 32.

[fixed] Regenerate code between sessions

Added some extra logic to make sure the message will be re-generated.

[fixed] Clear stored HydroID when changing environments

When changing any API credentials the Hydro MFA user meta data of all users will be removed. We do not perform an API call "unregister user" for every user, but we will use the special exception class which was added to the PHP SDK package -> UserAlreadyMappedToApplication.

When this exception occurs we re-add the user meta back to the database:
hydro_id = [users' HydroID]
hydro_mfa_enabled = 1
hydro_raindrop_confirmed = 0

Which then will trigger the verification screen.

[fixed] Instructions Fix

The requirements for the SDK package and the WP plugin have been degraded to PHP 7.1.

I've improved the instructions in the README.md file.
My English is not that good, so if you or one of your co-workers can write a better version. You are very welcome :-)

As mentioned on Discord my vacation starts next week. And ████████ vacation starts tomorrow.
I have some days left to work on some feedback, so please let me know if you find anything that needs some work.

From: ████ ████ <████████@██████.███>
Date: Aug 7, 2018, 3:58 PM -0400
To: Anurag Angara <anurag@hydrogenplatform.com>
Cc: Noah Zinsmeister <noah@hydrogenplatform.com>, Andy Chorlian <andy@hydrogenplatform.com>, ████████ ████████████████████
Subject: Re: Progress on WP plugin
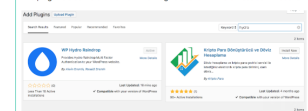
Hi all,

🎉 **The plugin has now been submitted to the WordPress plugin directory.** 🎉

During the review/committing process it seems that only PHP 7.0 plugins can be submitted.
We had to make some changes for it to work properly.

The plugin page can be found here:

https://wordpress.org/plugins/wp-hydro-raindrop/

The plugin is also installable from the Plugins section in WordPress admin section:

<image.png>

@Noah Zinsmeister The address for the bounty token is: 0x094E8D8cdA1B1aD799a56358AcF3B4eaa4c35CCA

I can imagine your team wants to fine-tune some artwork/content:
- Changes to texts can be made by changing to contents of README.txt file (which is located in the root path of the WP plugin) (commit your changes to https://github.com/adrenth/wp-hydro-raindrop/blob/develop/README.txt, preferably in the develop branch).
- Changes of images must be done in the SVN repo (http://plugins.svn.wordpress.org/wp-hydro-raindrop/assets/). More info can be found here: https://developer.wordpress.org/plugins/wordpress-org/plugin-assets/

Please let me know what your future plans are with the maintenance of the plugin.

Still in doubt for the DA thing. As of now I'm not sure I have the amount of time to fulfill the role as a DA.