CAcert *OpenID Connect*

Registration Examples

Wordpress

I am just using the miniOrange OAuth plugin, "OAuth Single Sign On - SSO (OAuth Client)".

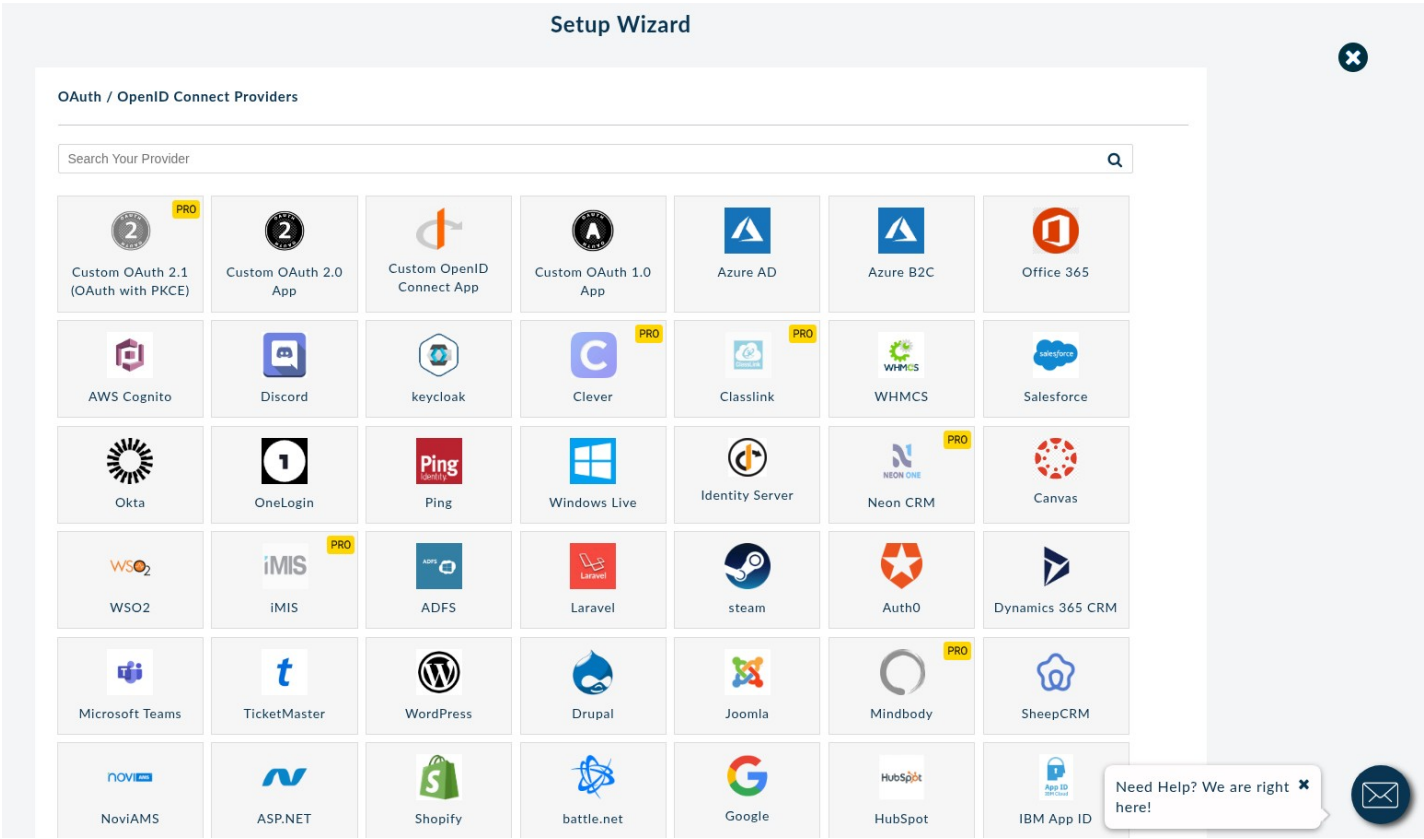Once you have that Installed and Activated, you need to Configure it.

In our case, we are using the miniOrange OpenID module. As the documentation instructs, use Composer to install the OAuth Login - OAuth OIDC SSO module, also known as the miniOrange OpenID module:
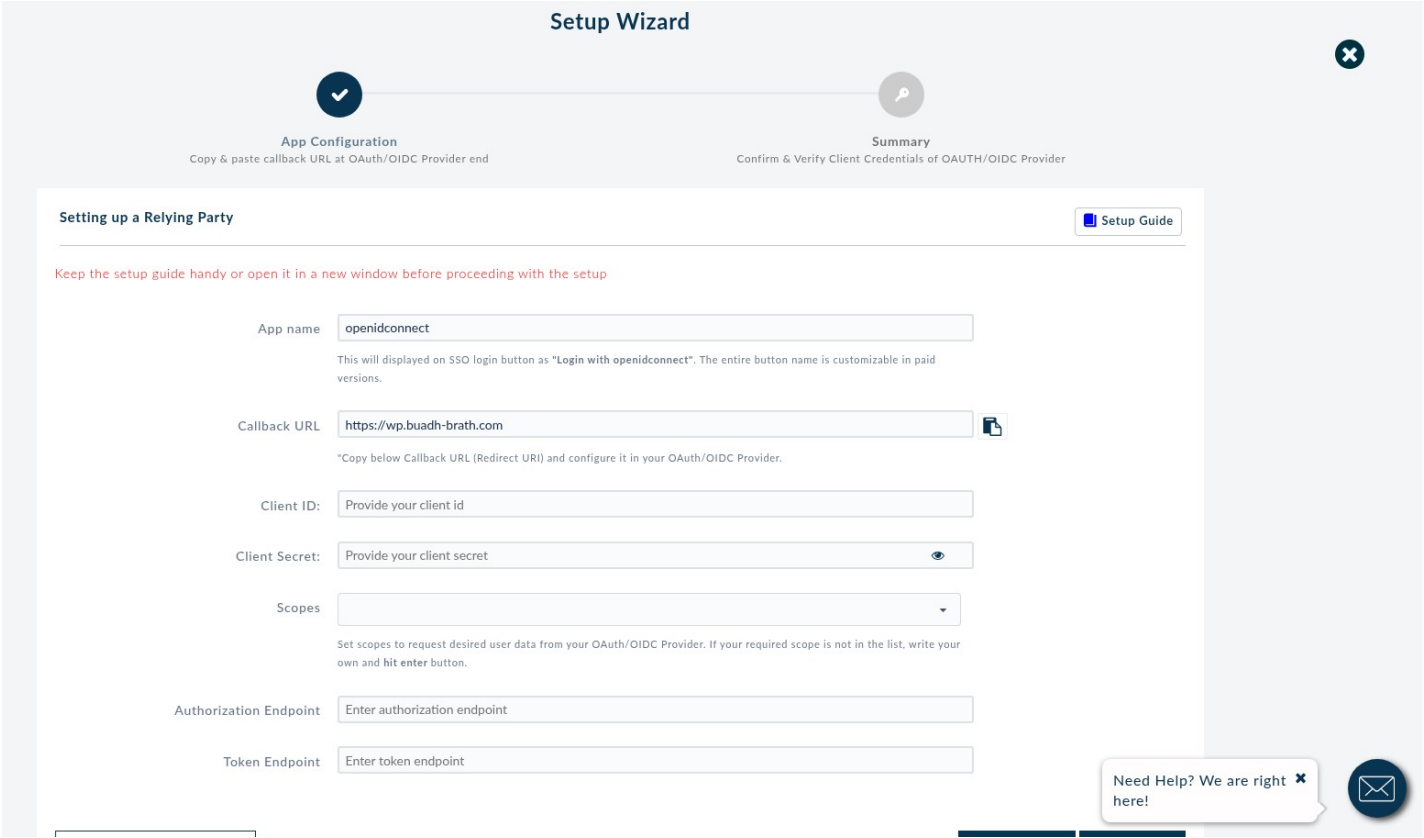
    composer require 'drupal/oauth_login_oauth2:^3.0'

Start by clicking on the "Add New Application" button.

Setup Wizard

OAuth / OpenID Connect Providers

Search Your Provider 🔍

Custom OAuth 2.1 (OAuth with PKCE) **PRO**	Custom OAuth 2.0 App	Custom OpenID Connect App	Custom OAuth 1.0 App	Azure AD	Azure B2C	Office 365
AWS Cognito	Discord	keycloak	Clever **PRO**	Classlink **PRO**	WHMCS	Salesforce
Okta	OneLogin	Ping	Windows Live	Identity Server	Neon CRM **PRO**	Canvas
WSO2	iMIS **PRO**	ADFS	Laravel	steam	Auth0	Dynamics 365 CRM
Microsoft Teams	TicketMaster	WordPress	Drupal	Joomla	Mindbody **PRO**	SheepCRM
NoviAMS	ASP.NET	Shopify	battle.net	Google	HubSpot	IBM App ID

Need Help? We are right here! ✖ ✉

Click on the third item, "Custom OpenID Connect App".

Setup Wizard

✔ **App Configuration**
Copy & paste callback URL at OAuth/OIDC Provider end

🔑 **Summary**
Confirm & Verify Client Credentials of OAUTH/OIDC Provider

Setting up a Relying Party   📘 Setup Guide

Keep the setup guide handy or open it in a new window before proceeding with the setup

App name	openidconnect

This will displayed on SSO login button as **"Login with openidconnect"**. The entire button name is customizable in paid versions.

Callback URL	https://wp.buadh-brath.com 📋

*Copy below Callback URL (Redirect URI) and configure it in your OAuth/OIDC Provider.

Client ID:	Provide your client id
Client Secret:	Provide your client secret 👁
Scopes	▾

Set scopes to request desired user data from your OAuth/OIDC Provider. If your required scope is not in the list, write your own and **hit enter** button.

Authorization Endpoint	Enter authorization endpoint
Token Endpoint	Enter token endpoint

Need Help? We are right here! ✖ ✉

On this form, copy the "Callback URL" for the next steps.

versions.
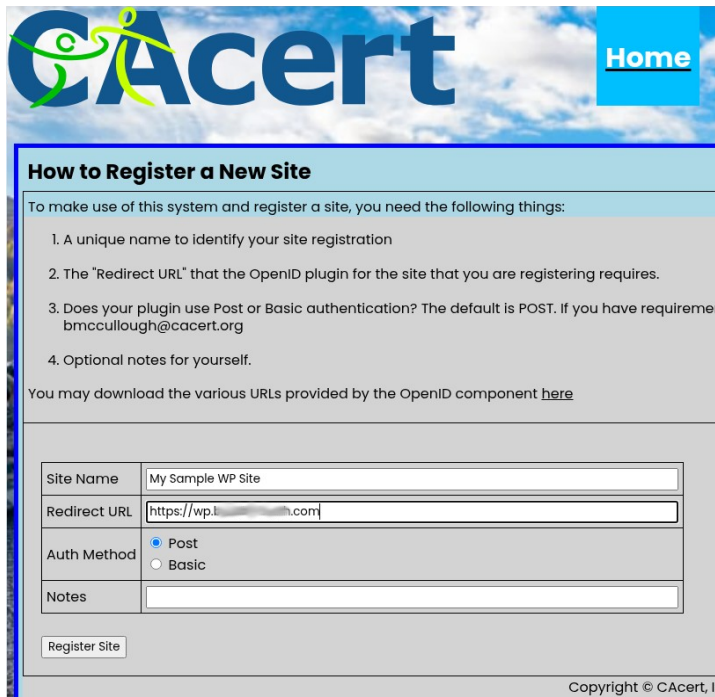
Callback URL | https://wp.buadh-brath.com | 📋

"Copy below Callback URL (Redirect URI) and configure it in your OAuth/OIDC Provider.

Go to the CAcert OpenID Registration site, and then to "Register a New Site".

On this form, give your WordPress site a name and paste the "Callback URL" that you copied from the Wordpress site.

Click "Register Site."

Copy the Site Name, Client ID and Client Secret to a secure location because the CAcert OpenID

Registration tool will not allow you to retrieve those values again.

Here are your Client ID and Client Secret

Make sure that you copy these two values somewhere safe, because the Client Secret can not be retrieved again.

Client ID	0b__ _4e-__ _b-4__a-55fa-6_____236a
Client Secret	N_____-_____P-

You will also need the following URLs for your site plugin.

Authorize	https://authserver.cacert-phoenix.org:4444/oauth2/auth
Token	https://authserver.cacert-phoenix.org:4444/oauth2/token
User Info	https://authserver.cacert-phoenix.org:4444/userinfo

Download a list of relevant URLs here

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Go back to your WordPress site and paste the Client ID and Client Secret into the appropriate fields.

Setup Wizard

App Configuration
Copy & paste callback URL at OAuth/OIDC Provider end

Summary
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Setting up a Relying Party

Setup Guide

Keep the setup guide handy or open it in a new window before proceeding with the setup

App name	CAcert OpenID

This will displayed on SSO login button as **"Login with openidconnect"**. The entire button name is customizable in paid versions.

Callback URL	https://wp.__h-___h.com

*Copy below Callback URL (Redirect URI) and configure it in your OAuth/OIDC Provider.

Client ID:	0b_____a-__a-9_____236a

Client Secret:	••••••••••••••••••••••••••

Scopes	

Set scopes to request desired user data from your OAuth/OIDC Provider. If your required scope is not in the list, write your own and **hit enter** button.

Authorization Endpoint	Enter authorization endpoint
Token Endpoint	Enter token endpoint

Need Help? We are right ✖ here!
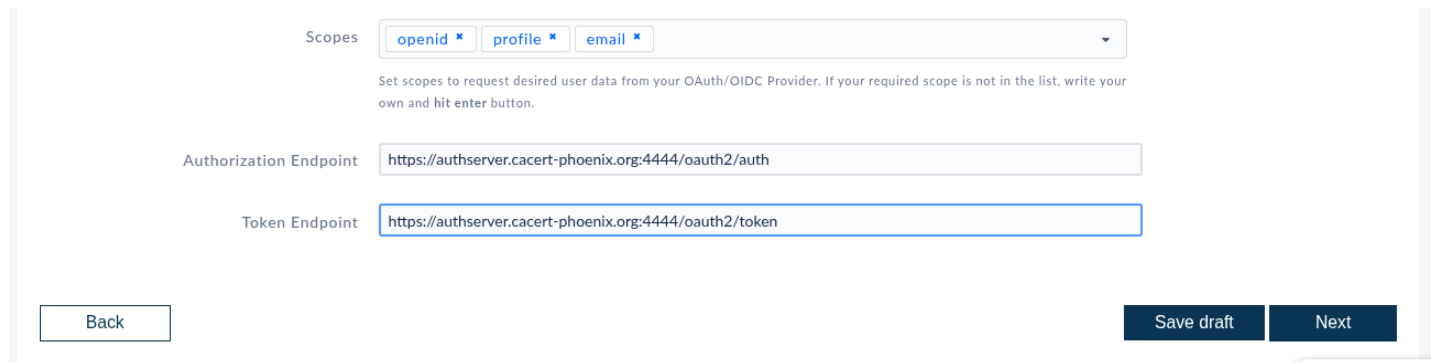
For Scopes, type "openid", "profile" and "email". After each, click "Enter".

Scopes	openid ✖ profile ✖ email ✖	

Set scopes to request desired user data from your OAuth/OIDC Provider. If your required scope is not in the list, write your own and **hit enter** button.
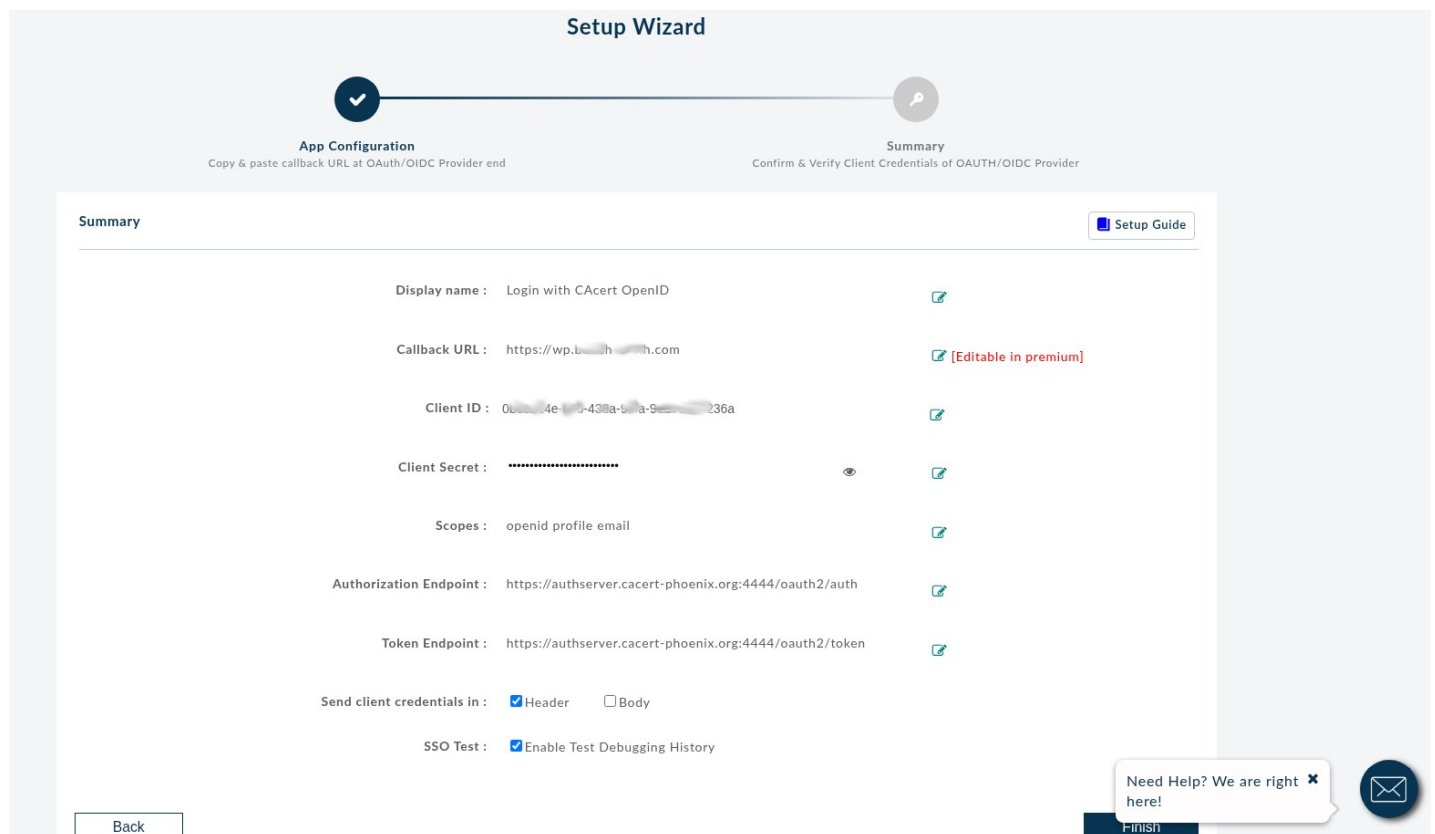
Next, copy from the CAcert OpenID Registration tool, the "Authorize" and "Token" endpoint values, into appropriate fields in the WordPress Configuration form.
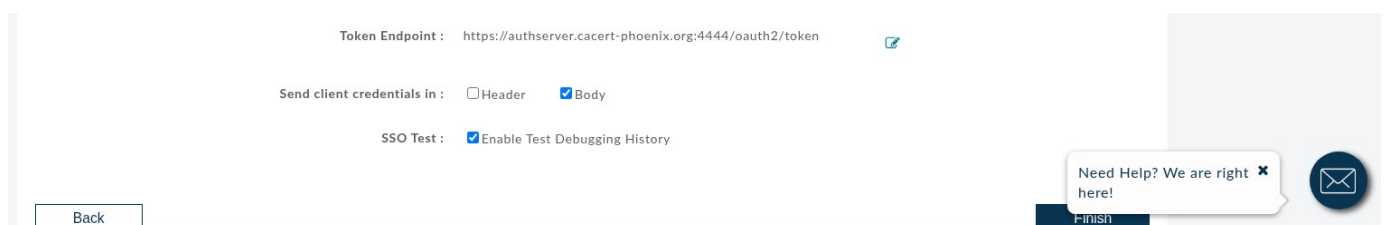
Once that is done, click "Next."

You will see a Summary page with the values that you just entered.

On that page, you need to change the check boxes in the line: "Send client credentials in" to remove "Header" and add "Body."

Once everything appears reasonable, click "Finish".

You will see a pop-up window from CAcert, showing all of the e-mail addresses associated with your CAcert Certificate.

CAcert

Authenticate with a client certificate

The application **My Sample WP Site** requests a login.

You have presented a valid client certificate for multiple email addresses. Please choose which one you want to present to the application:

- ○ b████t@b███████h.com
- ○ b███c@b██████.com
- ○ b███t@b████.com
- ○ b██████████@cacert.org

Do you want to use the chosen identity from the certificate for authentication?

[Yes, please use this identity]   [No, please send me back]

Choose the e-mail address that you told WordPress to use, and click the "Yes" button.

You will then see a second pop-up window from CAcert.

These are the pieces of information that Word-Press is requesting from CAcert. Click "Consent."

CAcert

Application requests your consent

The **My Sample WP Site** application requested your consent for the following set of permissions:

| Request information about your identity. |
| Access your user profile information (your name). |
| Access your email address. |

I hereby agree that the application may get the requested permissions.

[Consent]   [Deny]

© CAcert

The next pop-up is from the WordPress configuration, and is showing the information that was obtained from CAcert.

Test Configuration

Attribute Name	Attribute Value
acr	urn:cacert:1fa:cert
at_hash	0J8XmjD28Wrm06F52_d9lg
aud.0	0□ 4e-f□ b- a- 2236a
auth_time	1751974465
email	b @b .com
email_verified	1
exp	1752721145
iat	1752717545
iss	https://authserver.cacert-phoenix.org:4444/
jti	6d -1d6 2ef- c39e
name	B C
rat	1752717224
sid	10 47a-8 1b6
sub	b @b .com

Done

Click "Done." You should be returned to the WordPress configuration page, and it will say "Congratulations! Test completed successfully" along with a list of all of the information returned from the CAcert OpenID Connect server.

SSO Test

Setup Guide

Finish

✔ **Congratulations!! Test completed successfully.**

Setup Wizard

✓ ————————————————— ✓

App Configuration
Copy & paste callback URL at OAuth/OIDC Provider end

Summary
Confirm & Verify Client Credentials of OAUTH/OIDC Provider

SSO Test   🔲 Setup Guide

✅ Congratulations!! Test completed successfully.   [Finish]

email has been mapped to username attribute. <u>Click here</u> to change it.

Attribute Name	Attribute Value
acr	urn:cacert:1fa:cert
at_hash	0J8XmjD28Wrm06F52_d9lg
0	C█████████████████-9e█████236a
auth_time	1751974465
email	b██@b██████s.com
email_verified	true
exp	1752721145
iat	1752717545
iss	https://authserver.cacert-phoenix.org:4444/
jti	6d900bbf-1d6d-425d-a2ef-9293e97bc39e

---

auth_time	1751974465
email	b██@b██████s.com
email_verified	true
exp	1752721145
iat	1752717545
iss	https://authserver.cacert-phoenix.org:4444/
jti	6d9██████ u█ 425u ████████ 7█39e
name	B██████McCu██
rat	1752717224
sid	103█████████ ██7█████████ 3█4██████1b6
sub	b██@b██████s.com

🔧 **Troubleshooting: if user information is not received**

- Make sure that your developer application is setup properly.
- Make sure you have the sufficient permission for the developer application at your provider's side.
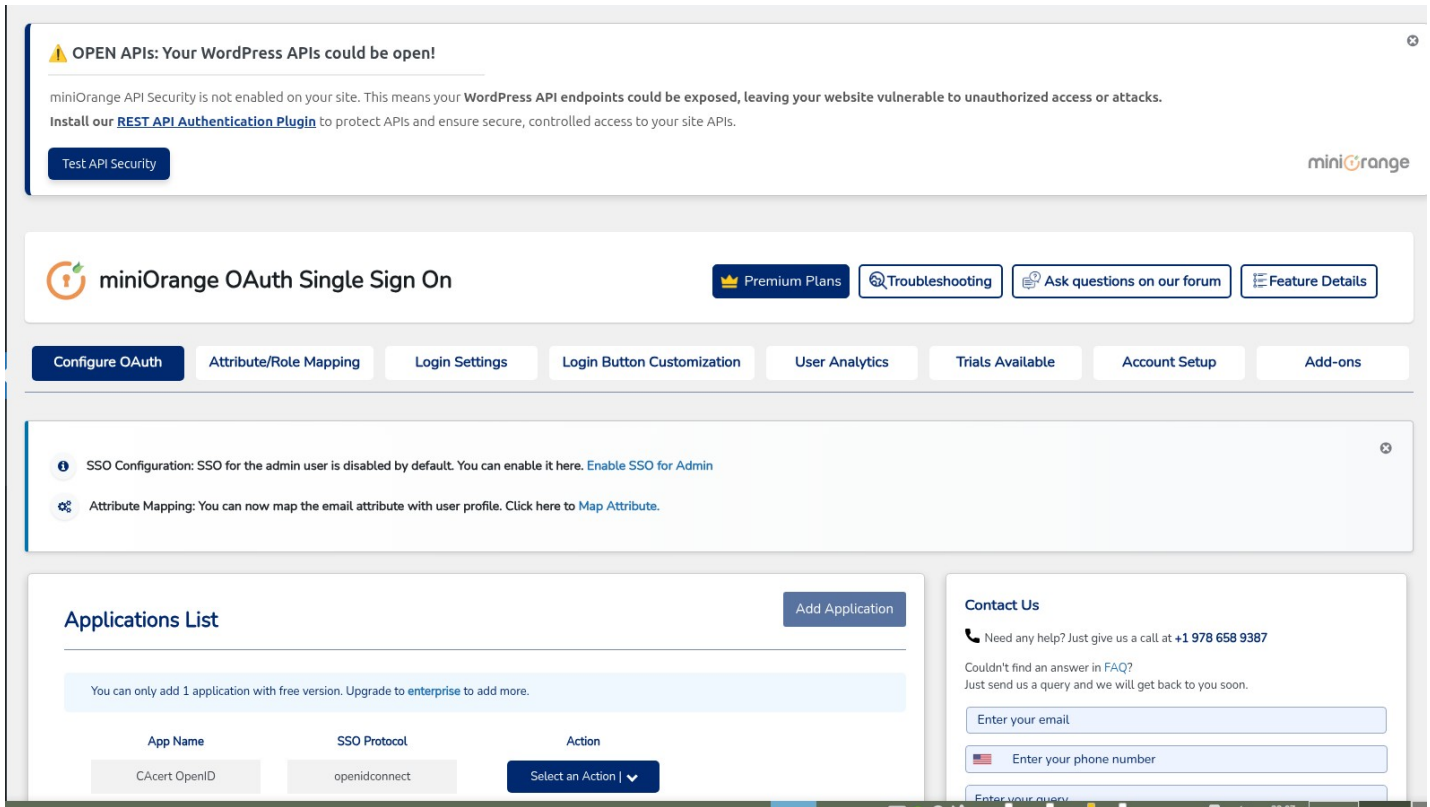- Make sure that you have entered userinfo endpoint correctly.

[Back]   [Re-run test] [Finish]

*If you are satisfied, you may click "Finish."*

You will be returned to the main miniOrange plugin page.

You will see your new configuration in the lower left corner.

As you explore this page and the menu across the top, you will see a lot of interesting information and configuration items. Some of the features are only available with the paid version of the miniOrange OAuth plugin.

Finally, click at the top left corner of your WordPress page, and you will go to the Home page of your site.
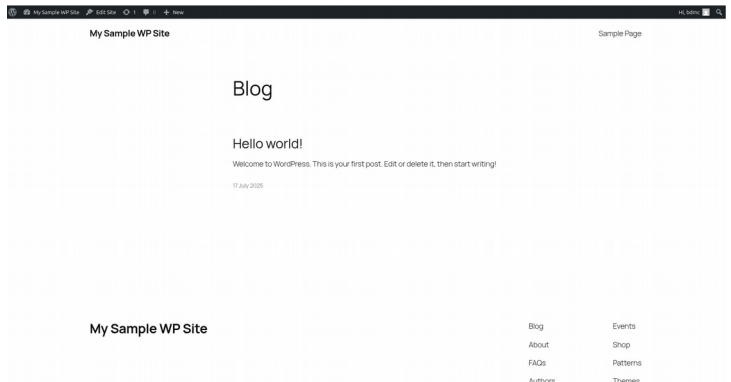
Hover over the top right corner of that page, and you will see a "Log Out" item. Click on that, and we can test logging in with CAcert OpenID Connect.

Click on the "Login with CAcert OpenID" button. You will see a CAcert window, prompting you to choose an e-mail address, associated with your certificate, to use for logging on to WordPress.

Choose the appropriate one and click the "Yes" button.
You are logged in!

Notes regarding the miniOrange Contributed Module.

This module is free for anyone, but has a couple of notable restrictions. Those restrictions are lifted with the subscription (paid) version of this module.

1. *First, only one OAuth service can be configured at a time.*

2. *Secondly, only existing users of the site may use OAuth Login. Another use case that people may desire is for new, authenticated users be automatically added to the Drupal site. This is not allowed with the free version.*

Notes regrding the provider of this free service

CAcert.org is the leading free certificate authority. In addition to OpenID Connect, it offers X.502 certificates for more security on the Internet. The tasks are taken over by volunteers within the framework of the CAcert community; the operating costs are covered by donations.

First of all, CAcert is not a service provider or a company, but a community. We are all in the same boat. We can only achieve our goals together, with you, the cooperation of all of us (of all users=members). If you want to help, take a look here: **https://wiki.cacert.org/engagement**

If you are happy with the new functions of **CAcert OpenID Connect** *for* **Drupal***, done by our volunteers, please consider to donate:* **Donations** *IBAN CH02 0077 4010 3947 4420 0 (one-time or small amounts on a regular basis).*

CAcert Inc (association), Clos Belmont 2, 1208 Geneva, Switzerland, www.cacert.org

CAcert *OpenID Connect*

Registration Examples **Drupal**

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Author: Brian McCullough
Assistance: Etienne Ruedin
CAcert OpenID Connect Project Team: Brian McCullough, Dirk Astrath, Jan DD
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