



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.

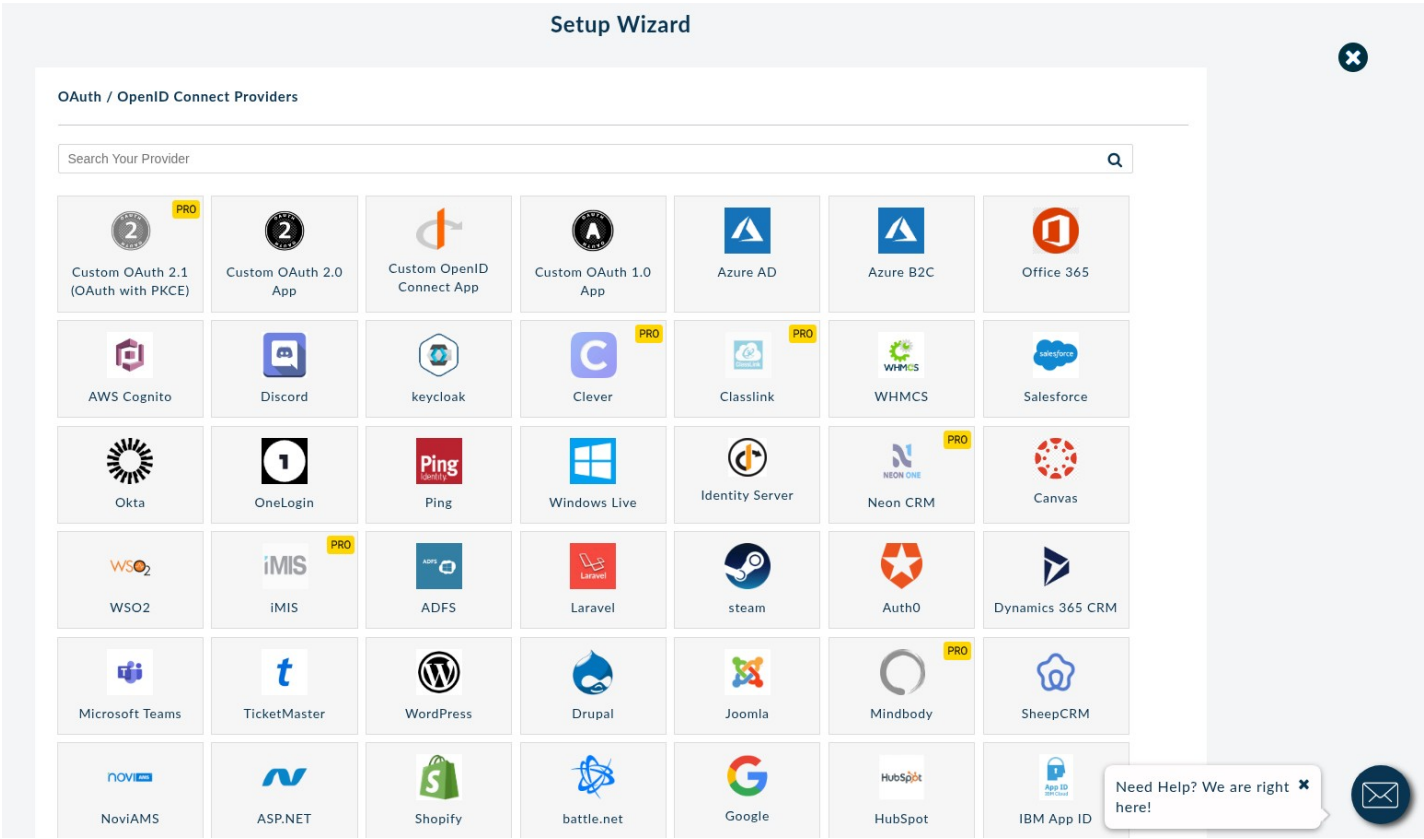
The screenshot shows the WordPress 'Plugins' page. The 'OAuth Single Sign On - SSO (OAuth Client)' plugin is listed as 'Active'. It is a WordPress Single Sign-On plugin that allows login into WordPress with various identity providers like Azure AD B2C, AWS Cognito, Salesforce, Keycloak, Discord, etc. The plugin version is 6.26.11 by miniOrange. There is a yellow notification banner for Akismet Anti-spam: Spam Protection, stating that a new version (5.5) is available.

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:

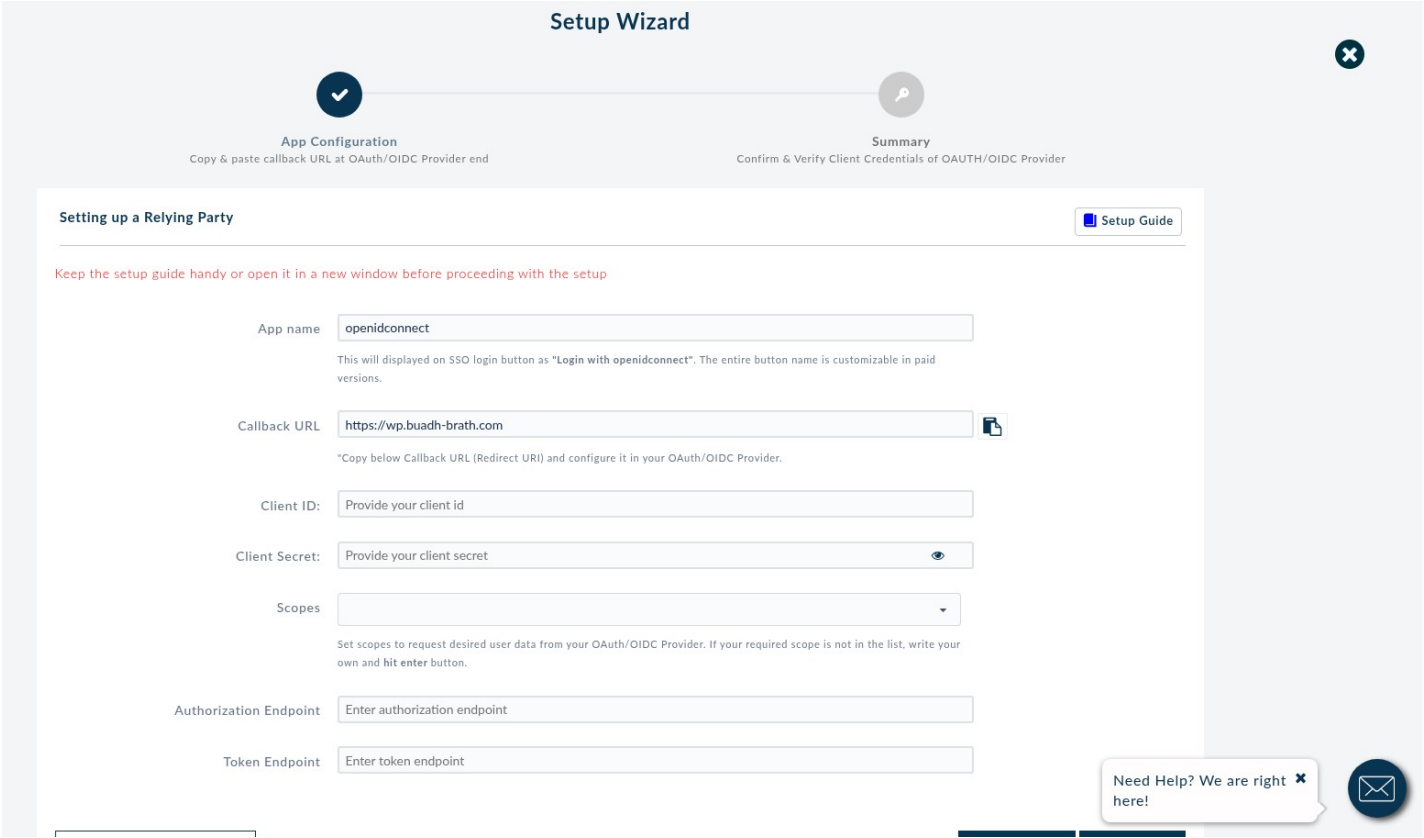
```
composer require 'drupal/oauth_login_oauth2:^3.0'
```

The screenshot shows the miniOrange OAuth Single Sign On configuration page. It has a top navigation bar with links for Premium Plans, Troubleshooting, Ask questions on our forum, and Feature Details. Below this is a secondary navigation bar with tabs for Configure OAuth, Attribute/Role Mapping, Login Settings, Login Button Customization, User Analytics, Trials Available, Account Setup, and Add-ons. The main content area shows two configuration steps: 'SSO Configuration' (where SSO for the admin user is disabled by default) and 'Attribute Mapping' (where email attribute can be mapped to user profile). At the bottom, there is a section to 'Add new client application to implement Single Sign On into your website' with an 'Add New Application' button. A 'Contact Us' sidebar is visible on the right.

Start by clicking on the “Add New Application” button.



Click on the third item, “Custom OpenID Connect App”.



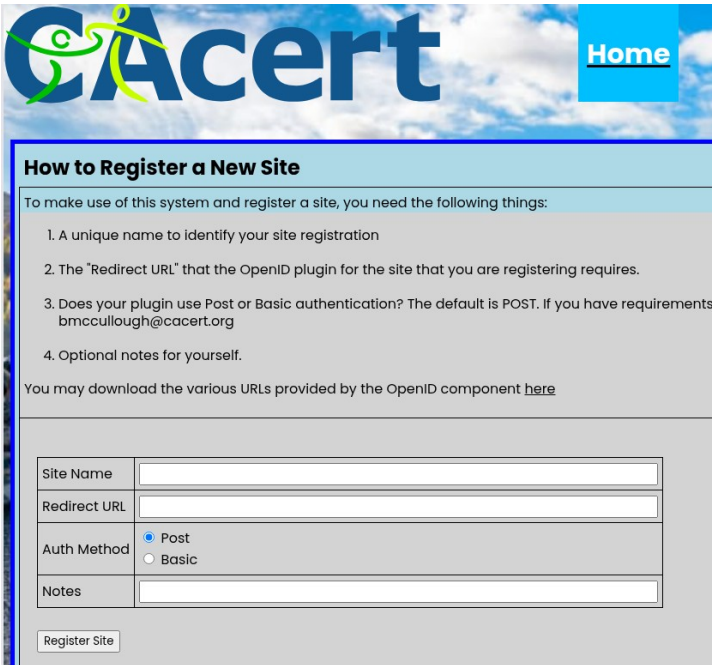
On this form, copy the "Callback URL" for the next steps.

versions.

Callback URL

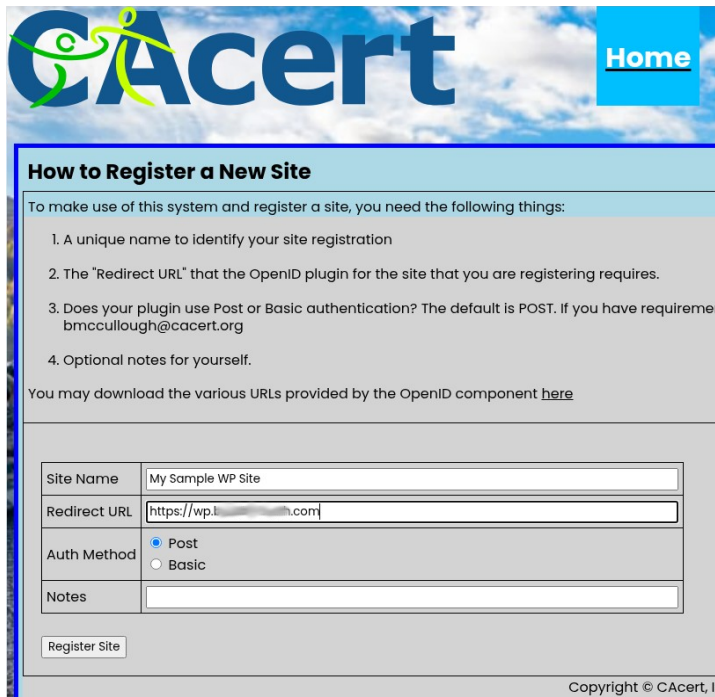
*Copy below Callback URL (Redirect URI) and configure it in your OAuth/OIDC Provider.

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



The image shows the CAcert OpenID Registration form. At the top is the CAcert logo and a 'Home' link. Below is the heading 'How to Register a New Site'. A list of four requirements is provided: 1. A unique name to identify your site registration. 2. The "Redirect URL" that the OpenID plugin for the site that you are registering requires. 3. Does your plugin use Post or Basic authentication? The default is POST. If you have requirements, email bmcullough@cacert.org. 4. Optional notes for yourself. Below the list, a link says 'You may download the various URLs provided by the OpenID component here'. The form fields are: Site Name (empty), Redirect URL (empty), Auth Method (radio buttons for Post and Basic, with Post selected), and Notes (empty). A 'Register Site' button is at the bottom.

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



This image shows the same CAcert OpenID Registration form as above, but with data entered. The 'Site Name' field contains 'My Sample WP Site'. The 'Redirect URL' field contains 'https://wp.buadh-brath.com'. The 'Auth Method' radio buttons remain the same, with 'Post' selected. The 'Notes' field is still empty. The 'Register Site' button is at the bottom. A copyright notice 'Copyright © CAcert, Inc.' is visible in the bottom right corner.

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.

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

CAcert

Home

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	0b14e1b4a50fa6236a
Client Secret	N60w...

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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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

CAcert OpenID

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

Callback URL

https://wp...h.com

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

Client ID

0b14e1b4a50fa6236a

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!

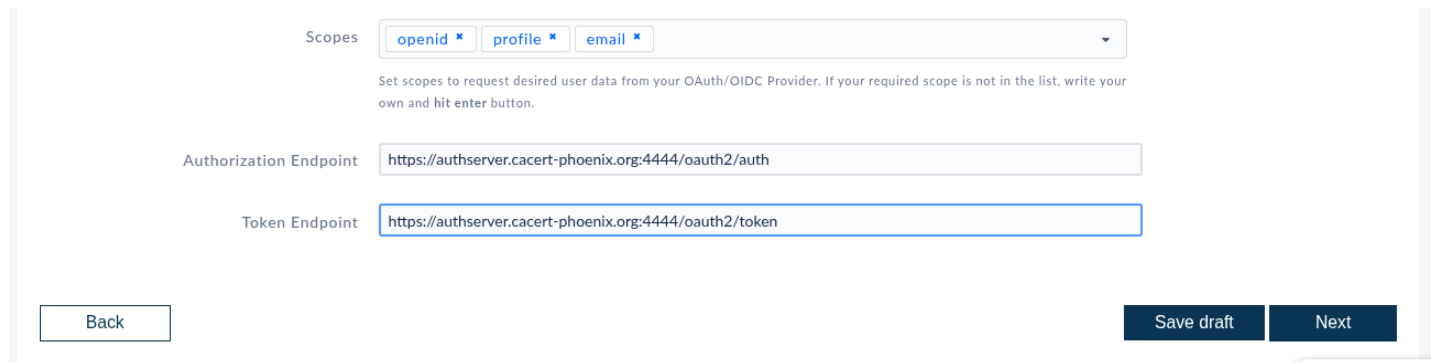
For Scopes, type "openid", "profile" and "email". After each, click "Enter".

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.

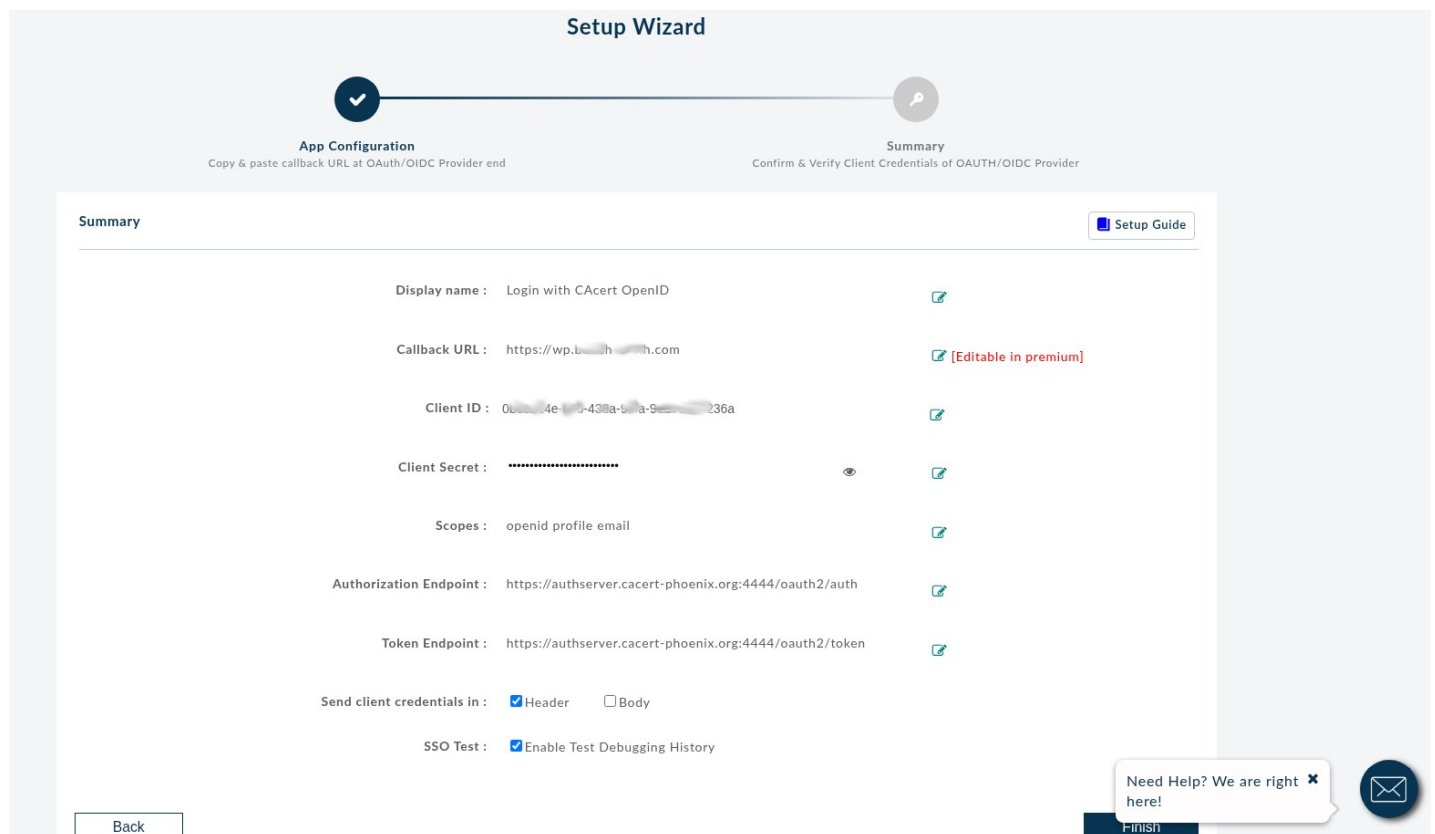
Next, copy from the CAcert OpenID Registration tool, the "Authorize" and "Token" endpoint values, into appropriate fields in the WordPress Configuration form.



This screenshot shows the WordPress OpenID configuration form. At the top, there's a 'Scopes' section with a dropdown menu containing 'openid', 'profile', and 'email'. Below this is a note: '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.' The 'Authorization Endpoint' field contains 'https://authserver.cacert-phoenix.org:4444/oauth2/auth'. The 'Token Endpoint' field contains 'https://authserver.cacert-phoenix.org:4444/oauth2/token'. At the bottom, there are three buttons: 'Back', 'Save draft', and 'Next'.

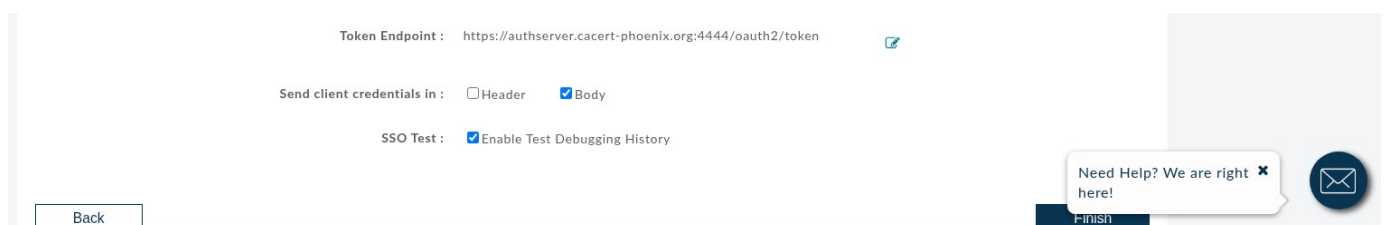
Once that is done, click "Next."

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



This screenshot shows the 'Setup Wizard' Summary page. The page has a progress bar at the top with two steps: 'App Configuration' (completed) and 'Summary' (current). The 'Summary' section contains the following information: 'Display name : Login with CAcert OpenID', 'Callback URL : https://wp.b...h...h.com', 'Client ID : 0b...4e...43ba-5...a-9...236a', 'Client Secret : [redacted]', 'Scopes : openid profile email', 'Authorization Endpoint : https://authserver.cacert-phoenix.org:4444/oauth2/auth', 'Token Endpoint : https://authserver.cacert-phoenix.org:4444/oauth2/token', 'Send client credentials in : ☒ Header ☐ Body', and 'SSO Test : ☒ Enable Test Debugging History'. There is a 'Setup Guide' link in the top right. At the bottom, there are 'Back' and 'Finish' buttons. A help bubble in the bottom right corner says 'Need Help? We are right here!'.


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



This screenshot shows the same 'Setup Wizard' Summary page as before, but with the 'Send client credentials in' section changed to '☐ Header ☒ Body'. The 'Token Endpoint' field is also visible at the top. The 'Back' and 'Finish' buttons are at the bottom, and the help bubble is still present in the bottom right corner.

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.



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:


- ☐ b1234@b1234wp.h.com
- ☐ b1234@b1234wp.com
- ☐ b1234@b1234wp.com
- ☐ b1234@b1234wp.cacert.org

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

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 WordPress is requesting from CAcert. Click "Consent."



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.

© [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	0b4e-f1b-4a-2236a
auth_time	1751974465
email	b@b.com
email_verified	1
exp	1752721145
iat	1752717545
iss	https://authserver.cacert-phoenix.org:4444/
jti	6d-1d6d-2ef-bc39e
name	B
rat	1752717224
sid	10-47a-8-1b6
sub	b@b.com

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.

Done

SSO Test

[Setup Guide](#)

✔ Congratulations!! Test completed successfully.

Finish

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. [Click here](#) to change it.

Attribute Name	Attribute Value
acr	urn:cacert:1fa:cert
at_hash	0J8XmjD28Wrm06F52_d9Ig
0	6d900bhf-1d6d-425d-a2ef-9293e97hc39e
auth_time	1751974465
email	b...@b...s.com
email_verified	true
exp	1752721145
iat	1752717545
iss	https://authserver.cacert-phoenix.org:4444/
iti	6d900bhf-1d6d-425d-a2ef-9293e97hc39e

auth_time	1751974465
email	b...@b...s.com
email_verified	true
exp	1752721145
iat	1752717545
iss	https://authserver.cacert-phoenix.org:4444/
jti	6d900bhf-1d6d-425d-a2ef-9293e97hc39e
name	Brian McCann
rat	1752717224
sid	103...-417...-314...-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.

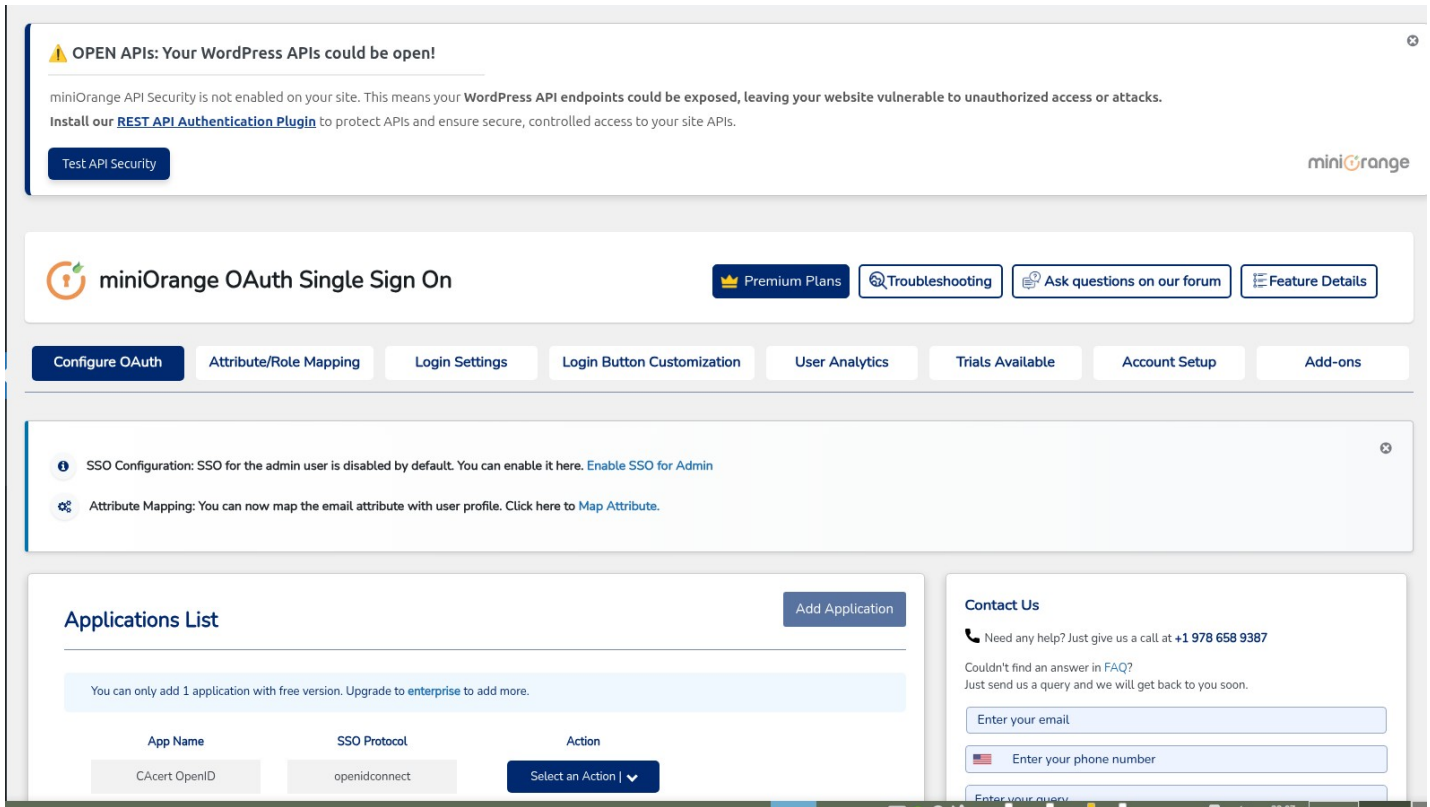
Back

Re-run test

Finish

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

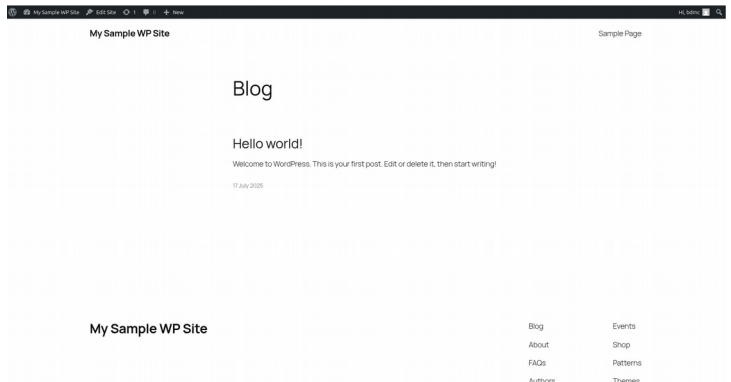
You will be returned to the main miniOrange plugin page.



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.



Username or Email Address


Password

Connect with :

Login with CAcert OpenID

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.



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...@b...h.com

☐ b...@b...com

☐ b...@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 appropriate one and click the "Yes" button.
You are logged in!

 My Sample WP Site

Hi, bdmcc@bdmcc-us.com

My Sample WP Site

Sample Page

Blog

Hello world!

Welcome to WordPress. This is your first post. Edit or delete it, then start writing!

17 July 2025

My Sample WP Site

Blog

About

FAQs

Authors

Events

Shop

Patterns

Themes

CAcert OpenID Connect

Registration ExamplesWordPress10/11

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 regarding 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).

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CAcert OpenID Connect

Registration Examples **Drupal**

Edition 2025v2 (First edition 2025v1, content unchanged)

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