

Authentik OAuth/ OIDC Setup - Home Assistant

Authentik uses many ways to connect to services, one being OAuth or Open ID Connect. This method is widely used on many services, such as Home Assistant. Home Assistant doesn't have native Open ID Connection, so we will need to use HACS for setup

Please follow Authentik and Portainer documentation

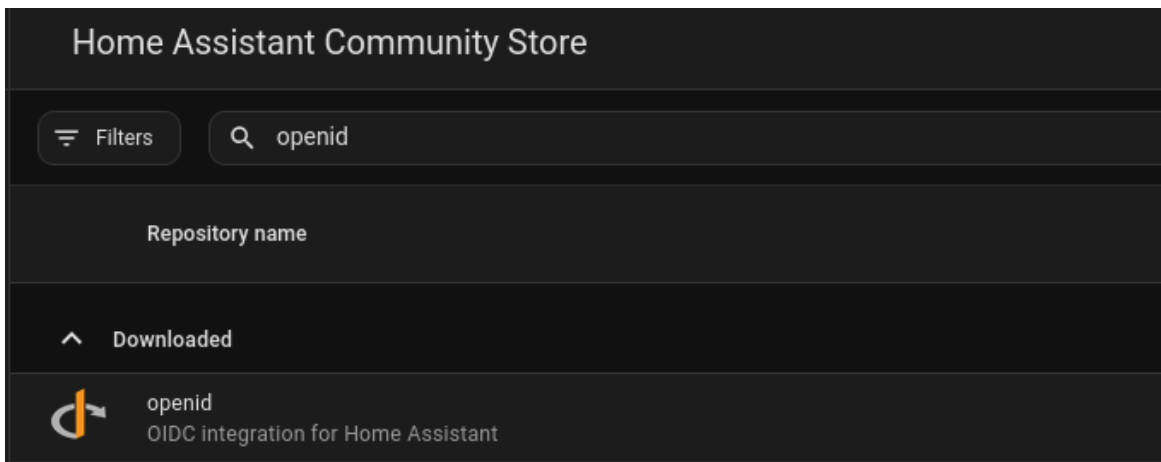
- [Home Assistant OAuth Setup Documentation](#)
- [GitHub Hass-openid Setup with HACS](#)

Authentik OAuth:

1. Login to Authentik **Admin Interface**
2. Go to **Applications** and select **Create with Provider**
 1. Choose a name and group
 2. Under **URI** in **Launch URL** enter <https://portainer.cyberpaw.org>
 3. Choose **OAuth2** Provider
 4. Name the provider same as application
 5. For Authorization Flow choose **Cyberpaw-authorization-flow** (or default one)
 6. Make sure **Confidential** is selected for Client Type
 7. Copy Client ID and Client Key
 8. In Redirect URIs enter <http://overseer.cyberpaw.org:8123/auth/openid/callback>
 9. For Encryption key choose **default-authentic-self-signed-certificate**
 10. Under **Advanced flow** settings choose **Welcome to Authentik** (or default one)
 11. Under **Configure Bindings** click **Bind existing policy/group/users**
 12. Select **Group** and choose existing group that is authorized to use this service
 13. Review and Submit
3. The provider is created and should say it's connected to application

Home Assistant Steps:

1. Login to Home Assistant with Admin
2. Open **HACS**
3. Search for hass-openid



4. Go to **Terminal** app on HA
5. Navigate to Your Home Assistant Config Directory

```
cd /config
```

6. Create custom_components Directory

```
mkdir -p /config/custom_components/openid
```

7. Download the Files from GitHub

```
git clone https://github.com/cavefire/hass-openid.git  
cp -r hass-openid/custom_components/openid /config/custom_components/
```

8. Restart Home Assistant
9. Go back to Terminal and add following configuration to configuration.yaml file

```
#OAuth with Authentik  
openid:  
  client_id: YOUR_CLIENT_ID  
  client_secret: YOUR_CLIENT_SECRET  
  configure_url: "https://auth.cyberpaw.org/application/o/home-assistant/.well-known/openid-configuration" # Replace with your Identity Provider's URL  
  username_field: "email" # Adjust based on your IdP's user info response  
  scope: "openid profile email"  
  block_login: false  
  openid_text: "Login with Authentik" # Text to display on the login page
```

10. Restart Home Assistant

If you want to disable the default Home Assistant login and only allow OpenID authentication, set `block_login` to `true` in your configuration

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