HappyFox - Auth0 SSO integration

This article describes how the SSO integration with auth0 can be set up. This is achieved using the Custom SAML integration option in HappyFox.

Using this integration, it's possible to have HappyFox staff and/or end users sign into the respective portals using the same email ID as configured in auth0.

Configuration

Step 1 : In auth0.com admin panel, click on Clients on the left navigation to create a new client

Step 2 : Give it a name, like "HappyFox" (client type: Regular web application)

Step 3 : Under Allowed Callback URLs specify the URLs:

`https://<your account name>.happyfox.com/saml/callback/`

`https://<your account name>.happyfox.com/staff/saml/callback/`

Like this:

| Allowed Callback URLs | https://████████happyfox.com/saml/callback/,
https://████████.happyfox.com/staff/saml/callback/ |
|---|---|

Step 4 : Click on Show Advanced Settings at the bottom

Step 5 : Under the Certificates tab, copy the contents of the certificate from the

Signing Certificate text area. This needs to be pasted in HappyFox under the

integration configuration

Step 6 : Under the Endpoints tab, SAML section make a note of the "SAML Protocol

URL". This is the URL that will need to be entered in HappyFox under the integration

configuration

Step 7 : Click on Save Changes

Step 8 : Now click on Addons on the HappyFox client navigation panel

Quick Start   Settings   Addons   Connections   Client ID: uzgsIithP3mivwRBcTvtlAc2c1CMwRuZ

Step 9 : Click on SAML2 web app

Step 10 : The application callback URL should be `https:/<your account name>.happyfox.com/saml/callback/`. This should be picked automatically in auth0

Step 11 : Under Settings, enable(uncomment) these two parameters - `nameIdentifierFormat`and `nameIdentifierProbes` and set the values as `"urn:oasis:names:tc:SAML:1.1:nameid-format:emailAddress"` and

`["http://schemas.xmlsoap.org/ws/2005/05/identity/claims/emailaddress"`
`]` respectively. The screen should finally (after saving) look like this:

Addon: SAML2 Web App ✕

Settings   Usage

Application Callback URL

https://█████████happyfox.com/saml/callback/

SAML Response will be POSTed to this URL.

Settings

```
1  {
2    "nameIdentifierFormat": "urn:oasis:names:tc:SAML:1.1:nameid
3    "nameIdentifierProbes": [
4      "http://schemas.xmlsoap.org/ws/2005/05/identity/claims/em
5    ]
6  }
```

DEBUG

Step 12 : Save changes on the Addon. The final configuration should look like:

Settings   Usage

SAML Protocol Configuration Parameters

- SAML Version: 2.0

- Issuer: `urn:happyfoxdev.auth0.com`

- Identity Provider Certificate: download Auth0 certificate

- Identity Provider SHA1 fingerprint: `EF:19:99:07:96:59:94:C9:3F:85:B6:80:A3:07:8C:44:DB:D8:D8:1A`

- Identity Provider Login URL:

  `https://happyfoxdev.auth0.com/samlp/uzgsIithP3mivwRBcTvtlAc2c1CMwRuZ`

In HappyFox,

1. Login as the administrator
2. Go to Manage >> Integrations >> SAML Integration
3. Choose "Custom SAML method" under "Choose SSO provider"
4. The SSO target URL should be the URL copied in Step 6 above
5. The iDP signature should be the certificate content copied from Step 5 above
6. Save changes

7.

Usage

Once the configuration is done, users on HappyFox can use their auth0.com login to be authenticated into HappyFox too. End users can click on the Custom SAML option in the Support center login page to initiate the workflow. And staff users can click on the Custom SAML option in their staff login page to do the same.