## **Integrating Google Sign-in for OpenEMR.**

This document outlines instructions on how to sign-in to OpenEMR using the Google Sign-in widget. For Google Sign-in to work correctly, your practice will need to have a G-Suite Account with Google. The instructions are as follows:

- 1. Assuming that you have the G-Suite Account, you will need to get your credentials. Part of the requirements of getting credentials is having either a live domain or having a localhost that has .com or .org as part of your local host address.
- 2. You will have to activate the Google Settings in OpenEMR in the Administration  $\rightarrow$  Globals settings.
- 3. You will have to add the GSuite address to the users profile under Administration  $\rightarrow$  Users.

## Get your Credentials:

From the follow link you should be able to get your credentials. <u>https://developers.google.com/identity/sign-in/web/sign-in</u>

|                |                       |           |   |   |  |           |             | •       |         | 6      |
|----------------|-----------------------|-----------|---|---|--|-----------|-------------|---------|---------|--------|
| <b>I</b> PI    | APIs & Services       | Creder    | ntials + CREATE CREDEN                  | TINLO B DELETE  |  |           |             |         |         |        |
| ÷              | Dashboard             | Create cr | redentials to access your enabled APts  | Learn more  |  |           |             |         |         |        |
|                | Library               |           | Remember to configure the Orluth        | consent screen with information about your application. |  |           | CONTIQUER C | ONSEN   | T SCRE  | EN     |
| IJ.            | OAuth consent screen  | API       | Keys                                    |   |  |           |             |         |         |        |
| Ð              | Domain verification   |           | Name                                    | Creation data 👃   | Restrictions                           | Kay       |             |         |         |        |
| T <sub>0</sub> | Page usage agreements | OAL       | " keys to display<br>uth 2.0 Client IDs |   |  |           |             |         |         |        |
|                |                       |           | Name                                    | Creation date 🖕   | Туре                                   | Client ID |             |         |         |        |
|                |                       | No GA     | Auth clients to display                 |   |  |           |             |         |         |        |
|                |                       | Sen       | vice Accounts                           |   |  |           | Mana        | je serv | C# 3000 | aunts. |
|                |                       |           | Email                                   |   | Name 🕇                                 |           |             |         |         |        |
|                |                       |           | 890874611103-compute@develope           | r.gserviceaccount.com                                   | Compute Engine default service account |           |             |         | 1       | ٠      |

## Select Create Credentials, Oauth Client ID

| ←) -     | ) C' 🏠                              | 🛛 🔒 https://console.c                   | loud.google.com/apis/credentials?authuser=1&folder=&organ   |
|----------|-------------------------------------|---|---|
| Soc      | ial 🗎 Community 🗎 He                | lpful work sites  🗎 Mi-Squa             | red 🗎 Localhosts 🔓 Google 🗎 Customer Sites 🗎 Larave   |
| 0        | Your free trial is over, but you ca | n still access the Always Free tier by  | signing up for a full account.  |
| =        | Google Cloud Platfo                 | rm 📪 Admin Tutorial Proje               | ct - Q Search products and resources  |
|          |                                     | 6                                       |   |
| API      | APIs & Services                     | Credentials                             | + CREATE CREDENTIALS  |
| API<br>¢ | APIs & Services                     | Credentials<br>Create credentials to ac | + CREATE CREDENTIALS  |
| API      | APIs & Services Dashboard Library   | Credentials<br>Create credentials to ac | + CREATE CREDENTIALS I DELETE API key Identifies your project using a simple API key to check quota and acces OAuth client ID |

Select Web Application (Make sure you use either your domain name or the domain name that your local host points to)

| API            | APIs & Services       | ← Create OAuth client ID  |
|----------------|-----------------------|---|
| ¢              | Dashboard             | A client ID is used to identify a single app to Google's OAuth servers. If your app runs on   |
|                | Library               | multiple platforms, each will need its own client ID. See Setting up OAuth 2.0 for more<br>information.   |
| 0-             | Credentials           | Application type *<br>Web application   |
| 19             | OAuth consent screen  | Learn more about OAuth client types   |
| ٥              | Domain verification   | Name *<br>Web client 2  |
| T <sub>0</sub> | Page usage agreements | The name of your OAuth 2.0 client. This name is only used to identify the client in the<br>console and will not be shown to end users.                      |
|                |                       | <ul> <li>The domains of the URIs you add below will be automatically added to<br/>your <u>OAuth consent screen</u> as <u>surforized domains</u>.</li> </ul> |
|                |                       | Authorized JavaScript origins   |
|                |                       | For use was requests note a downer  |
|                |                       | URIs  |
| _              |                       | https://www.example.com   |
| Work           | space Switcher        | Invalid Origin: URI must not be empty.  |
|                |                       | + ADD URI   |

This will give you several important pieces of information, but we are only concerned with "Client ID". Copy this value so we can use it later.

|   | Client ID for Web application ± DOWNLOAD JSON   | C RESET SECRET | DELETE        |                                       |                           |
|---|---|----------------|---------------|---------------------------------------|---------------------------|
|   | Name *<br>OpenEMR OAuth   |                | Client ID     |                                       | .apps.googleusercontent.c |
|   | The name of your OAuth 2.0 client. This name is only used to identify the client in the                                       |                | Client secret | om                                    |                           |
|   | console and will not be shown to end users.   |                | Creation date | February 17, 2021 at 2:44:49 PM GMT-8 |                           |
|   | The domains of the URis you add below will be automatically added<br>your <u>OAuth consent screen as authorized domains</u> . | to             |               |                                       |                           |
|   | Authorized JavaScript origins   |                |               |                                       |                           |
| 1 | or use with requests from a browser   |                |               |                                       |                           |
| • | RIS   |                |               |                                       |                           |
|   | http://openemr-600.com  |                |               |                                       |                           |
|   | + ADD URI   |                |               |                                       |                           |
|   | Authorized redirect URIs  |                |               |                                       |                           |
| - | or use with requests from a web server  |                |               |                                       |                           |
|   | + ADD URI   |                |               |                                       |                           |
|   |   |                |               |                                       |                           |

Activate the Google Settings in OpenEMR in the *Administration*  $\rightarrow$  *Globals* settings. Paste the Client ID in the "Google Sign-In Client ID" and make sure Google Sign In is enabled. Save your settings

| dient Nane       |  |                           | (search by any dec |
|------------------|--|---------------------------|--------------------|
| Carrier 27 & X 1 | Anssage Center 🖉 🚊 🛪 Global Settings 🖉 🚊 🛪   |                           |                    |
| Арровтится       | Connectors   |                           |                    |
| Locale           | Site Address (required for OAuth2 and FHIR)  | apenumi-600.com           |                    |
| Features         |  | -                         |                    |
| ling             | Enable OpenEMR Standard REST API   |                           |                    |
| Sen              | Enable OpenEMR Standard FHIR REST API  |                           |                    |
| Decuments        | Enable OpenEMR Patient Portal REST API (EXPERIMENTAL)                                    | 0                         |                    |
| Lelendar         | Enable OpenEMR FHIR System Scopes (Recommended Oft Turn on only if you know what you are |                           |                    |
| NAME OF TAXABLE  | doingi   |                           |                    |
| ecurity          | Enable Google Sign in  | 0                         |                    |
| ket/fcations     |  |                           |                    |
| OR NO.           | Google Sign-In Client ID   | 10                        |                    |
| asing            | Product Object 2 Research Court Mark and Alexandra                                       |                           |                    |
| fecelareous      | shades weather Password water (rest spendered techni)                                    | Off (Recommended setting) |                    |
| 14               |  |                           |                    |

| Clear 2FA: Administrator Last Name: Administrator Federal Tax ID:  | User's New Password:<br>Provider: S Calendar: Middle Name:<br>Default Facility:<br>DEA Number: | Portal: Active: S   |
|--|--|---------------------|
| Clear 2FA: Administrator Last Name: Administrator Federal Tax ID:  | Provider: S Calendar:<br>Middle Name:<br>Default Facility:<br>DEA Number:                      | Portal: Active: S   |
| First Name: Administrator Last Name: Administrator Federal Tax ID: | Middle Name:<br>Default Facility:  | Your Clinic Name 🔻  |
| Last Name: Administrator Federal Tax ID:                           | Default Facility:  | Your Clinic Name 🔻  |
| Federal Tax ID:  | DEA Number:  |                     |
|  | DEATHORNDEL.   |                     |
| UPIN:  | See Authorizations:  | None •              |
| NPI:   | Job Description:   |                     |
| Taxonomy: 207Q00000X   | Supervisor:  | Select Supervisor • |
| State License<br>Number:   | NewCrop eRX Role:  | Select Role •       |
| Weno Provider ID:  | Google Email for Login:  |                     |
| Provider Type: Select Type •                                       | -  |                     |
| Main Menu Role: Standard •   | Patient Menu Role:   | Standard            |
| Accounting   |  |                     |
| Administrators   | Additional Info:   |                     |
| Main Menu Role: Standard  Accounting Administrators                | Patient Menu Role:   | Standard            |

Add the GSuite address to the users profile under *Administration* → *Users* 

Now its time to log in. If everything is set up correctly you should be able to log in with your G-Suite Account

|  | 0 A https://accounts.google.com/o/oauth2/auth/identifier?redirect_uri= ••• |
|--|--|
|  | G Sign in with Google  |
| The most popular open-source Electronic Health Record and Medical<br>Practice Management solution.<br>Acknowledgments, Licensing and Certification | Sign in<br>to continue to OpenEMR OAuth Project                            |
|  | Email or phone   |
| sername:   | Forgot email?  |
| Username:  | Create account Next  |
| nguage:  |  |
| C Sign in with Google  |  |
|  |  |