

# Cloudpath Enrollment System Third-Party Authentication Using LinkedIn<sup>™</sup> Configuration Guide, 5.4

Supporting Cloudpath Software Release 5.4

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# Setting Up the LinkedIn Application

Before configuring Cloudpath for third-party authentication, you must set up the LinkedIn application.

## What You Need

- LinkedIn login credentials
- Name and Description for your application
- Privacy policy URL for your company
- JavaScript API Domain

## LinkedIn App Configuration

This section describes how to create the LinkedIn application to use with Cloudpath.

### *How to Set Up the LinkedIn App*

1. Navigate to <http://developer.linkedin.com>.
2. Sign in to your LinkedIn account.
3. Click **Create app**.

4. The **Create an app** page displays.

**FIGURE 1** Create an app Screen on LinkedIn Developers Site

**LinkedIn DEVELOPERS** Products Documentation Help

## Create an app

**App name**  
CloudpathTestapp

**1. App information**

**Company name**  
Ruckus Networks

**App description**  
Test LinkedIn Authentication

**App logo**  
This is the logo displayed to users when they authorize with your app.  
CLOUDPATH  
Upload a logo

**Privacy policy URL**  
https://jeff243.cloudpath.net/enroll/JackTest/Production

**Business email**  
jeff@arris.com

**2. Products**

**3. Legal terms**

When you develop on our platform, you are agreeing to be bound by our [API Terms of Use](#).  
In addition, certain products may be subject to additional terms:  
[Plugins Terms of Use](#)

I have read and agree to these terms

Cancel Create app

**Notes**  
When naming your app please provide a unique application name less than 50 characters.  
The privacy policy entered will be shown to each user when your app requests access to their LinkedIn member data.  
Depending on the products added, we may need to further review your request and we may require additional information after you create the app before we can provision API access. We will follow-up by email to the primary email address associated with your LinkedIn member account if we need more information and to inform you of our decision.

5. Enter the following information for your application:

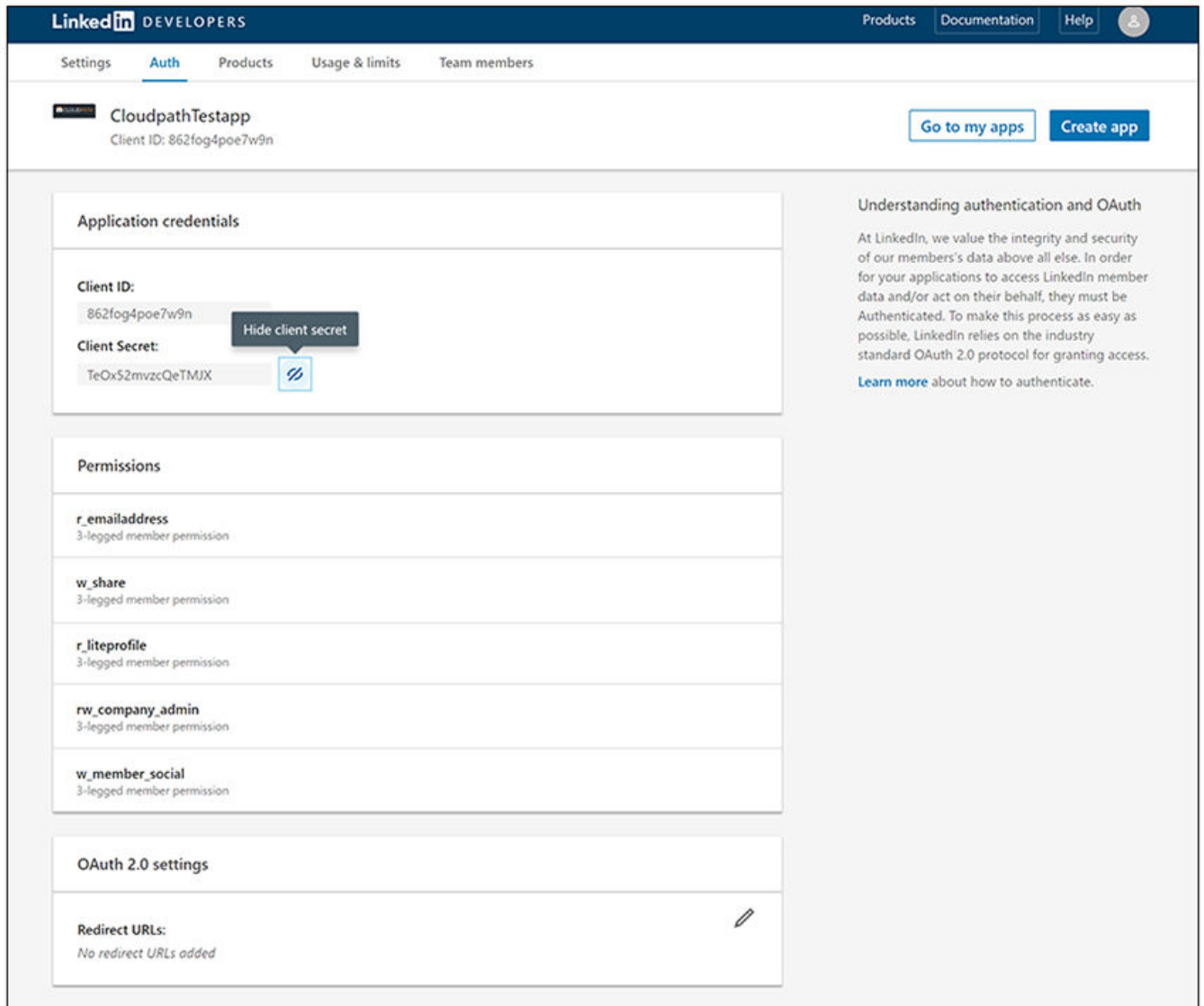
- App name (name of your application)
- Company name
- App description
- Upload an application logo
- Private policy URL (of your company)
- Business Email

6. Agree to the **Terms of Service** and click **Create app**.

The application is created, and you are returned to a screen that provides the information you just configured.

7. Click the **Auth** tab of your application screen. An example figure is shown below:

**FIGURE 2** Auth Tab Settings of Newly Created Application



8. In the OAuth 2.0 settings section, use the pencil icon to enter the Redirect URLs.

**NOTE**

These must be acceptable Redirect URLs and must include the full enrollment URL + "/linkedin". An example is:  
`https://jeff243.cloudpath.net/enroll/JackTest/Production/linkedin`.

You obtain the "Redirect URL" during workflow creation when you add a step to "Authenticate to a third party."

For more information, refer to [How to Add Third-Party Authentication to the Workflow](#) on page 7. (Figure 4 on page 8 shows the Redirect URL, which appears once you have checked the "LinkedIn Supported?" box when adding the third-party authentication step.)

You can add multiple URLs.

The following figure shows the Redirect URL section after adding a URL:

**FIGURE 3** Redirect URL Added to LinkedIn Configuration



9. Click **Update** to save configuration changes to your application.

Make a note of your **Client ID** and **Client Secret**. You need this information to set up the LinkedIn authentication within Cloudpath.

## Setting Up Cloudpath

After the LinkedIn application is set up, you configure an authentication step in Cloudpath to prompt the user for the LinkedIn credentials.

### What You Need

- LinkedIn application Client ID (API Key in previous versions)
- LinkedIn application Client Secret (Secret Key in previous versions)

## Cloudpath Configuration

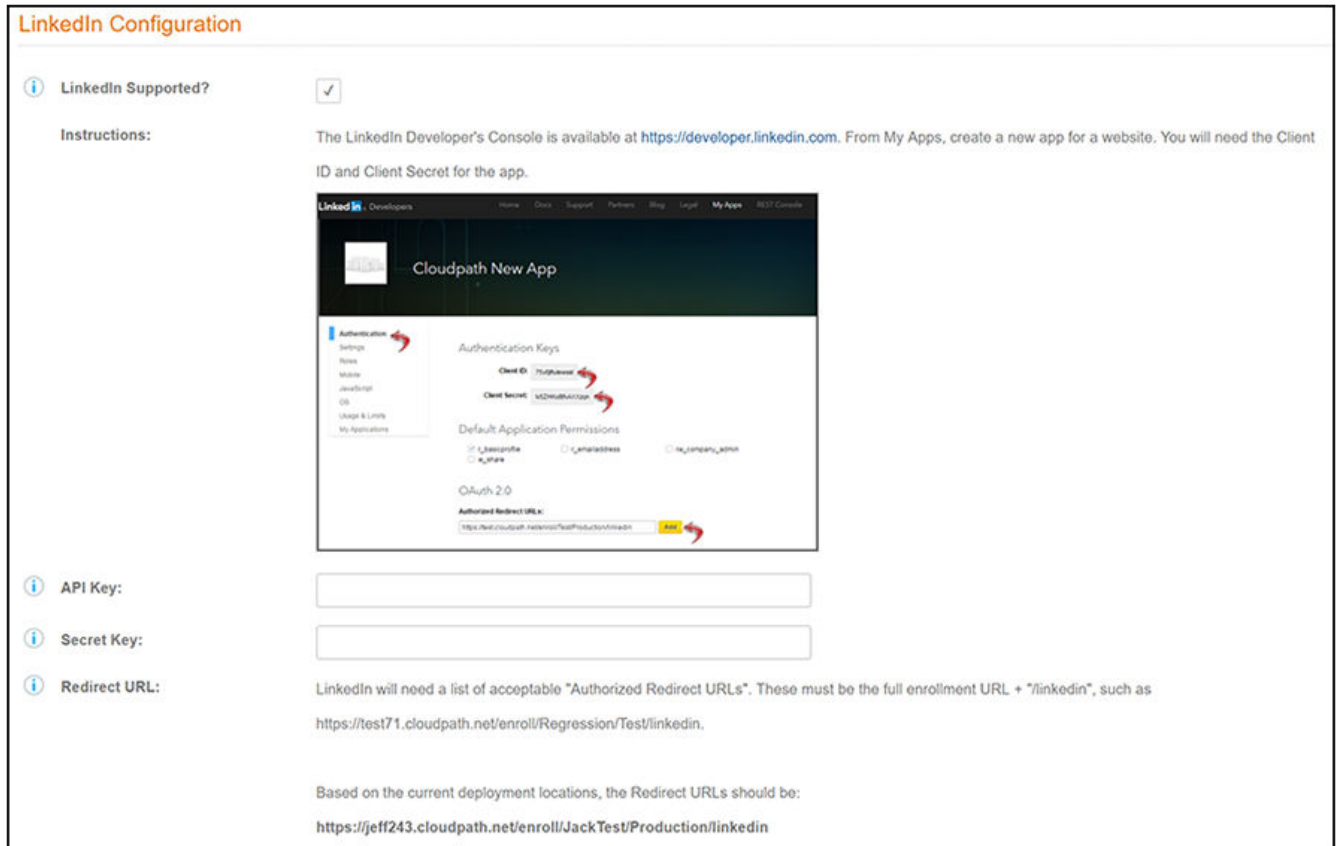
This section describes how to add a step to the enrollment workflow to authenticate a user using the LinkedIn application.

### *How to Add Third-Party Authentication to the Workflow*

1. Create an enrollment workflow for third-party authentication.
2. Add an enrollment step that prompts the user to authenticate through a third-party source. The **Third-Party Authentication Setup** page allows you to specify which third-party sources are allowed as well as API information related to those sources.
3. Place the authentication step after the **User Type** option.

4. Enter the **Name** and **Description** of this configuration.
5. Scroll down to the **LinkedIn Configuration** section, and check the **LinkedIn Supported?** box.

**FIGURE 4** Cloudpath Third-Party Authentication Setup for LinkedIn

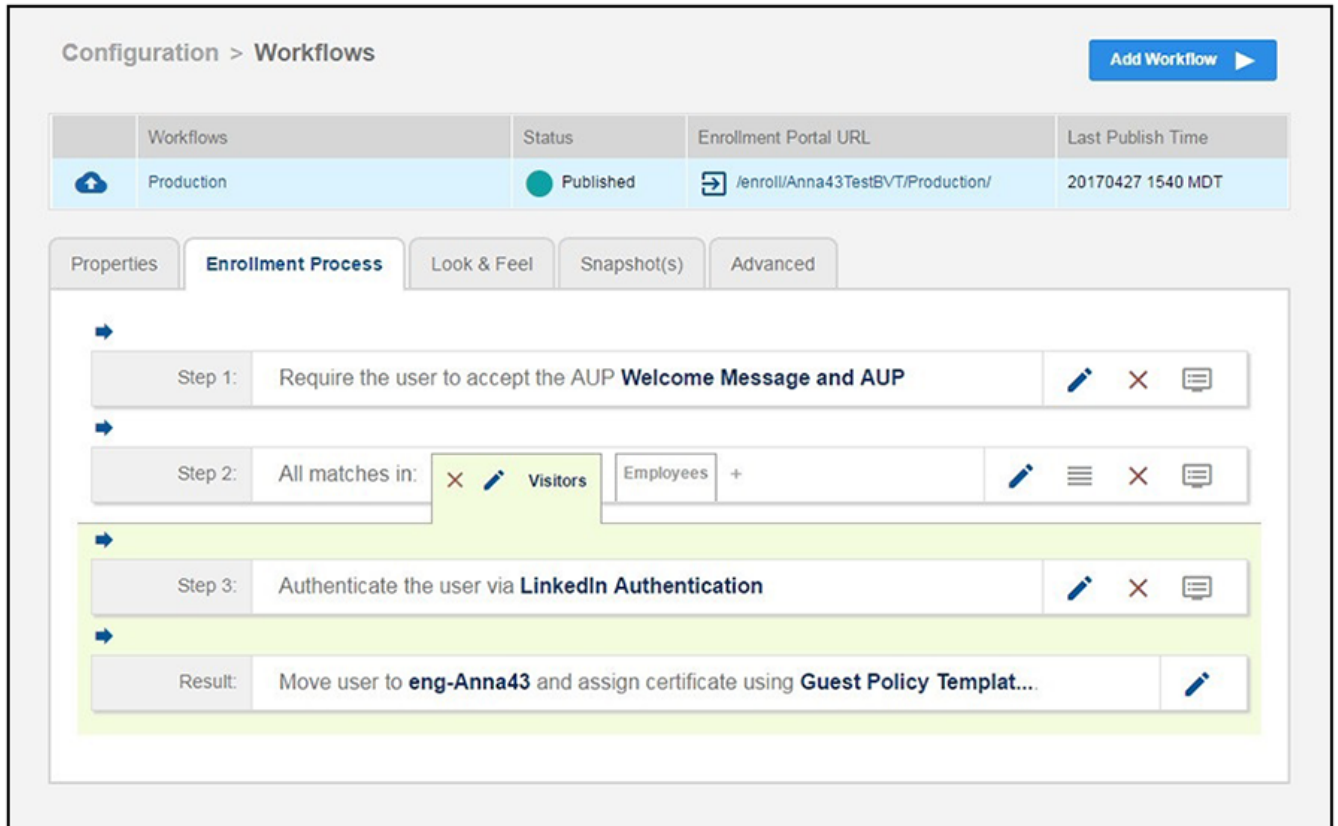


6. In the API Key field, enter the Client ID from the LinkedIn Auth Tab Settings of Newly Created Application screen (refer to [Figure 2](#) on page 6).
7. In the Secret Key field, enter the Client Secret from the LinkedIn Auth Tab Settings of Newly Created Application screen (refer to [Figure 2](#) on page 6).



8. Click **Save**. The LinkedIn authentication step is added to your enrollment workflow.

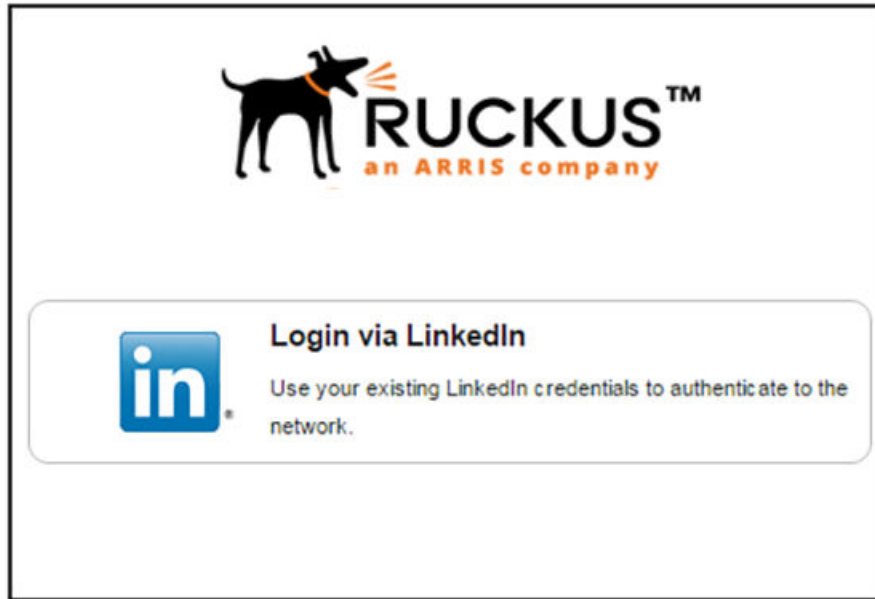
**FIGURE 5** Cloudpath Workflow With LinkedIn Step Added



## User Experience

When a user attempts to gain access to your network, they receive the LinkedIn authentication prompt during the enrollment process.

**FIGURE 6** User Prompt for LinkedIn Authentication



After authenticating the user with their LinkedIn credentials, Cloudpath continues with the enrollment process and moves the user to the secure network.



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