

# Setting Up Third-Party Authentication Within Cloudpath Using LinkedIn™

## Software Release 5.2

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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
- Website URL for your application
- 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. Select **MyApps**.
3. Sign in to your LinkedIn account.
4. Click **Create Application** (or locate an existing application from the **My Apps** menu).

5. The **My Applications** page displays.

**FIGURE 1** Create Applications


## Create a New Application

**Company Name: \***  
Cloudpath Networks ▼

**Name: \***  
CloudpathTestApp

**Description: \***

**Application Logo: \***



**Application Use: \***  
Other ▼

**Website URL: \***

**Business Email: \***

**Business Phone: \***

I have read and agree to the [LinkedIn API Terms of Use](#).

## Setting Up the LinkedIn Application

### LinkedIn App Configuration

6. Enter the following information for your application:

- Company Name
- Name (of your application)
- Description
- Upload an application logo
- Application Use
- Website URL

#### **NOTE**

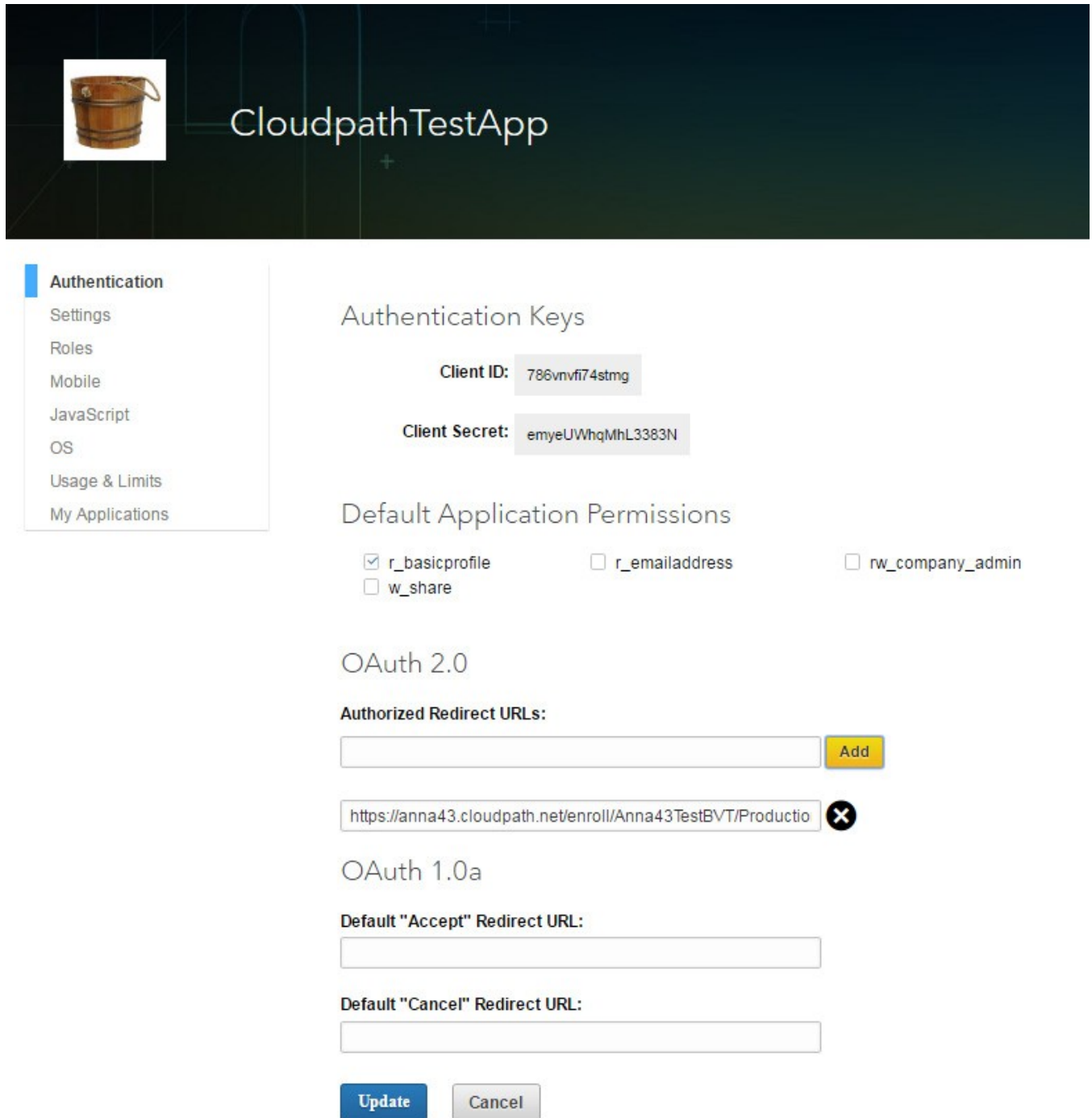
Refer to the LinkedIn Configuration Redirect URL on the Third-Party Authentication Setup page in the Cloudpath Admin UI.

- Business Email
- Business Phone

7. Agree to the **Terms of Service** and click **Submit**.

- The application is created and the configuration page displays.

FIGURE 2 Application Configuration Page



- Navigate to the **Authentication** tab.

## Setting Up Cloudpath

10. In the Auth 2.0 section, enter the **Authorized Redirect URLs** and click **Add**.

### NOTE

LinkedIn will need a list of acceptable Redirect URIs. These must be the full enrollment URL + "/linkedin" , such as `https://test.cloudpath.net/enroll/Regression/Test/linkedin`. Multiple URLs may be specified, with one per line.

11. 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.
3. Place the authentication step after the **User Type** option.



4. Select **Create a new configuration**.

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.

FIGURE 3 Cloudpath Third-Party Authentication Setup

### Third-Party Authentication Setup

**i** Display Name:  \*

**i** Description:

### Facebook Configuration

**i** Facebook Supported?

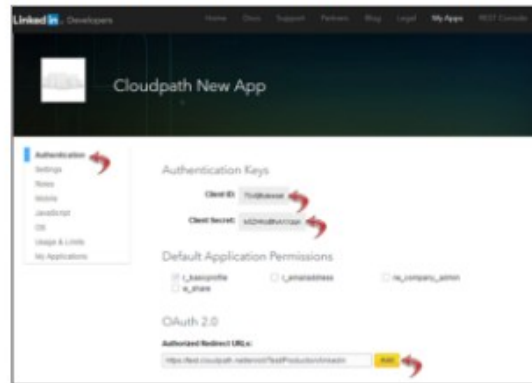
### Google Configuration

**i** Google Supported?

### LinkedIn Configuration

**i** LinkedIn Supported?

Instructions: The LinkedIn Developer's Console is available at <https://developer.linkedin.com>. From My Apps, create a new app for a website. You will need the Client ID and Client Secret for the app.



**i** API Key:

**i** Secret Key:

**i** Redirect URL: LinkedIn will need a list of acceptable "Authorized Redirect URLs". These must be the full enrollment URL + "/linkedin", such as <https://test71.cloudpath.net/enroll/Regression/Test/linkedin>.

Based on the current deployment locations, the Redirect URLs should be:  
<https://anna43.cloudpath.net/enroll/Anna43TestBVT/Production/linkedin>

### Custom OAuth 2.0

**i** Custom Oauth 2.0 Configuration

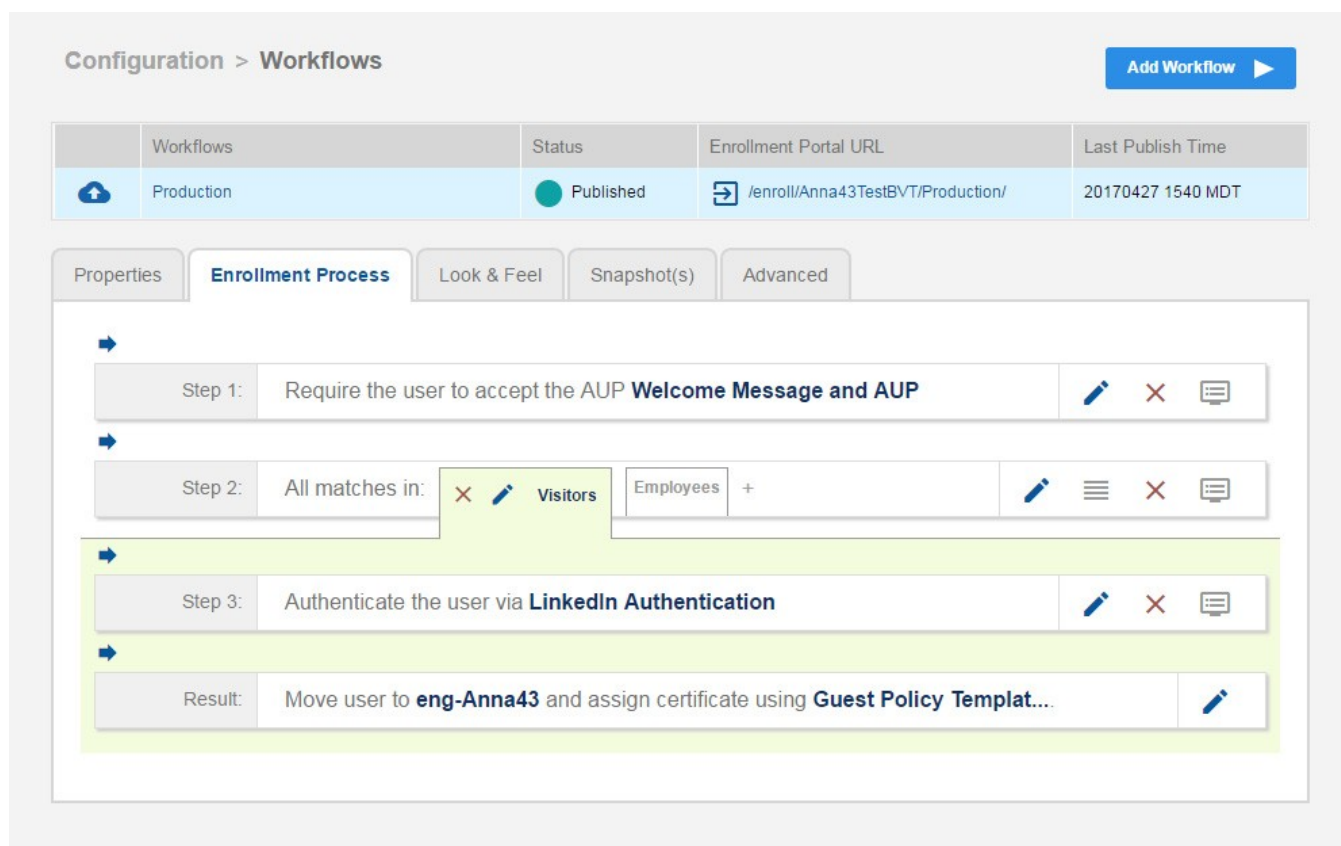
5. Enter the **Name** and **Description** of this configuration.
6. In the **LinkedIn Configuration** section, check the **LinkedIn Supported?** box.
7. Enter the **Client ID** (API Key in previous versions) and **Client Secret** (Secret Key in previous versions) from the LinkedIn application.

**NOTE**

These entries must match what is specified in the LinkedIn application.

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

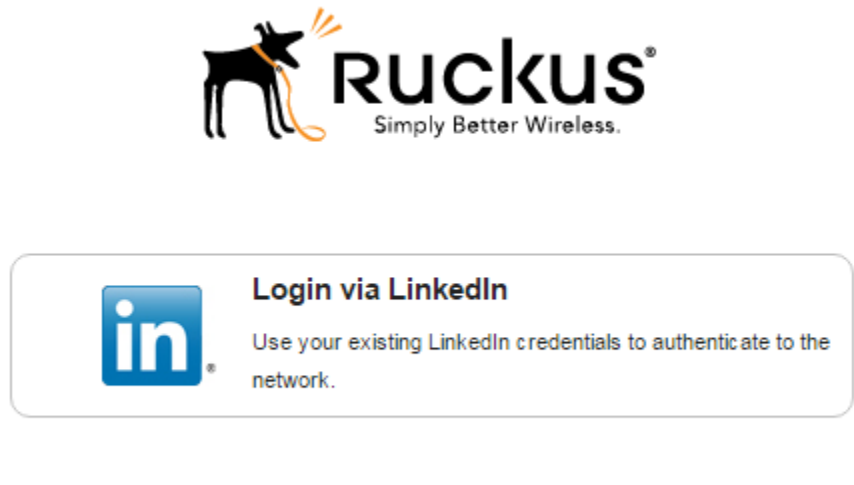
**FIGURE 4** Cloudpath Workflow



## User Experience

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

FIGURE 5 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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