CONFIGURATION GUIDE

Setting Up Third-Party Authentication Within Cloudpath Using Facebook™

Supporting Software Release 5.2

Part Number: 800-71678-001
Publication Date: September 2017

Copyright Notice and Proprietary Information

Copyright 2017 Brocade Communications Systems, Inc. All rights reserved.

No part of this documentation may be used, reproduced, transmitted, or translated, in any form or by any means, electronic, mechanical, manual, optical, or otherwise, without prior written permission of or as expressly provided by under license from Brocade.

Destination Control Statement

Technical data contained in this publication may be subject to the export control laws of the United States of America. Disclosure to nationals of other countries contrary to United States law is prohibited. It is the reader's responsibility to determine the applicable regulations and to comply with them.

Disclaimer

THIS DOCUMENTATION AND ALL INFORMATION CONTAINED HEREIN ("MATERIAL") IS PROVIDED FOR GENERAL INFORMATION PURPOSES ONLY. BROCADE and RUCKUS WIRELESS, INC. AND THEIR LICENSORS MAKE NO WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, WITH REGARD TO THE MATERIAL, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY, NON-INFRINGEMENT AND FITNESS FOR A PARTICULAR PURPOSE, OR THAT THE MATERIAL IS ERROR-FREE, ACCURATE OR RELIABLE. BROCADE and RUCKUS RESERVE THE RIGHT TO MAKE CHANGES OR UPDATES TO THE MATERIAL AT ANY TIME.

Limitation of Liability

IN NO EVENT SHALL BROCADE or RUCKUS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES, OR DAMAGES FOR LOSS OF PROFITS, REVENUE, DATA OR USE, INCURRED BY YOU OR ANY THIRD PARTY, WHETHER IN AN ACTION IN CONTRACT OR TORT, ARISING FROM YOUR ACCESS TO, OR USE OF, THE MATERIAL.

Trademarks

Ruckus Wireless, Ruckus, the bark logo, BeamFlex, ChannelFly, Dynamic PSK, FlexMaster, Simply Better Wireless, SmartCell, SmartMesh, SmartZone, Unleashed, ZoneDirector and ZoneFlex are trademarks of Ruckus Wireless, Inc. in the United States and in other countries. Brocade, the B-wing symbol, MyBrocade, and ICX are trademarks of Brocade Communications Systems, Inc. in the United States and in other countries. Other trademarks may belong to third parties.

Contents

Setting Up the Facebook Application....4
What You Need....4
Facebook App Configuration....4
Setting Up Cloudpath for Facebook Authentication....8
What You Need....8
Cloudpath Configuration....9
User Experience....12
Additional Documentation....12

Setting Up the Facebook Application

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

What You Need

- Facebook login credentials
- Name and Namespace for your application
- Display Name for your application
- Domain and Website URL for your application

Facebook App Configuration

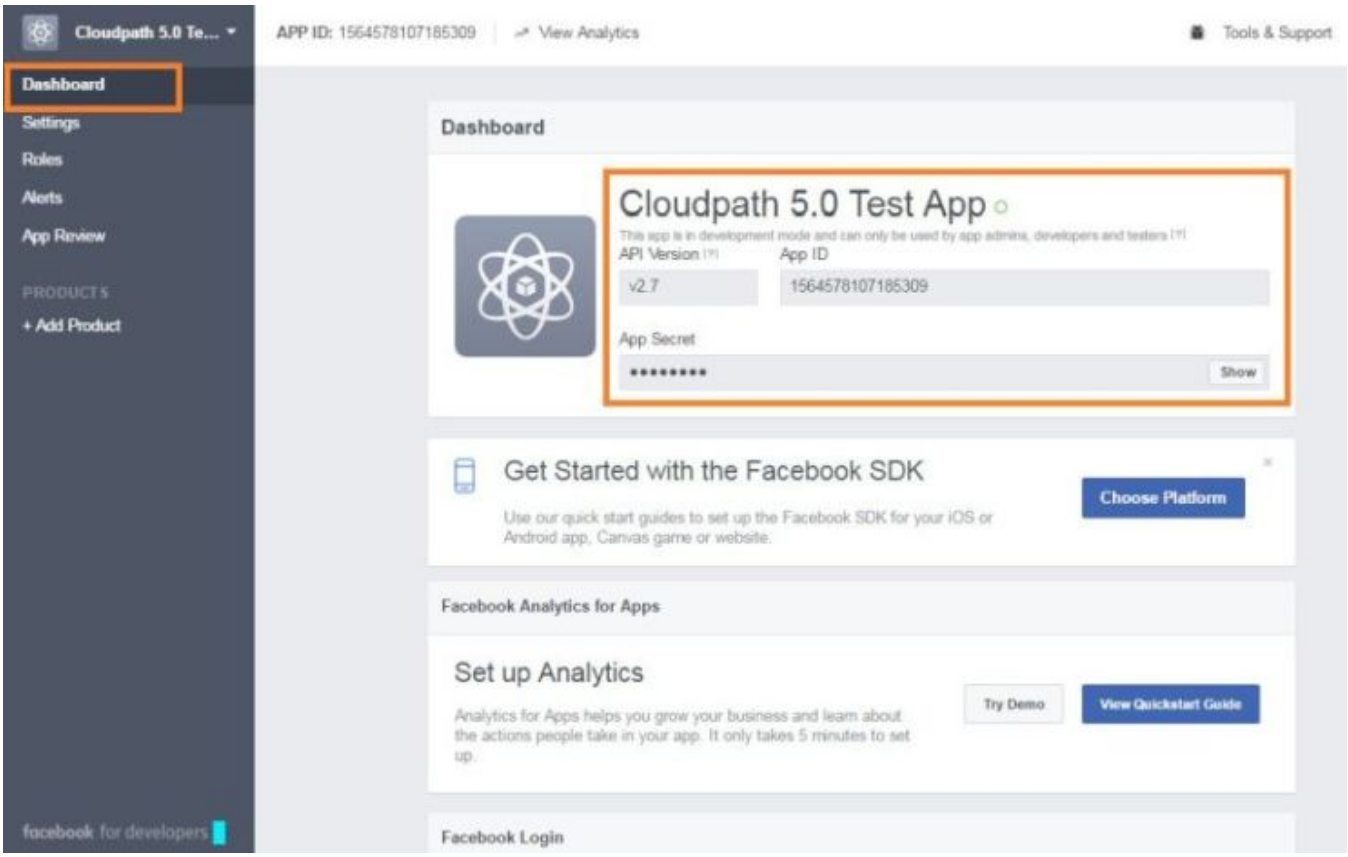
This section describes how to create the Facebook application to use with Cloudpath.

Create the New App

1. Go to http://developer.facebook.com
2. Log in using your Facebook credentials.
3. From the **My Apps** tab, select **Add a New App**.
4. On the **Add a New App** page, select **Website**. This automatically brings up the **Quick Start for Website** wizard.
5. Do not use the Quick Start Wizard. Instead, on the top right of the Quick Start, click **Skip and Create ID.**
6. Enter the **Display Name**, **Contact Email**, and select a **Category** for the app.
7. Click **Create App ID**.
8. Complete the Security Check.

9. Select the Dashboard tab, which displays the **App ID** and **App Secret**.

FIGURE 1 Facebook Apps Dashboard



NOTE
Make note of your **App ID** and **App Secret**. You need this information to set up the Facebook authentication within Cloudpath.

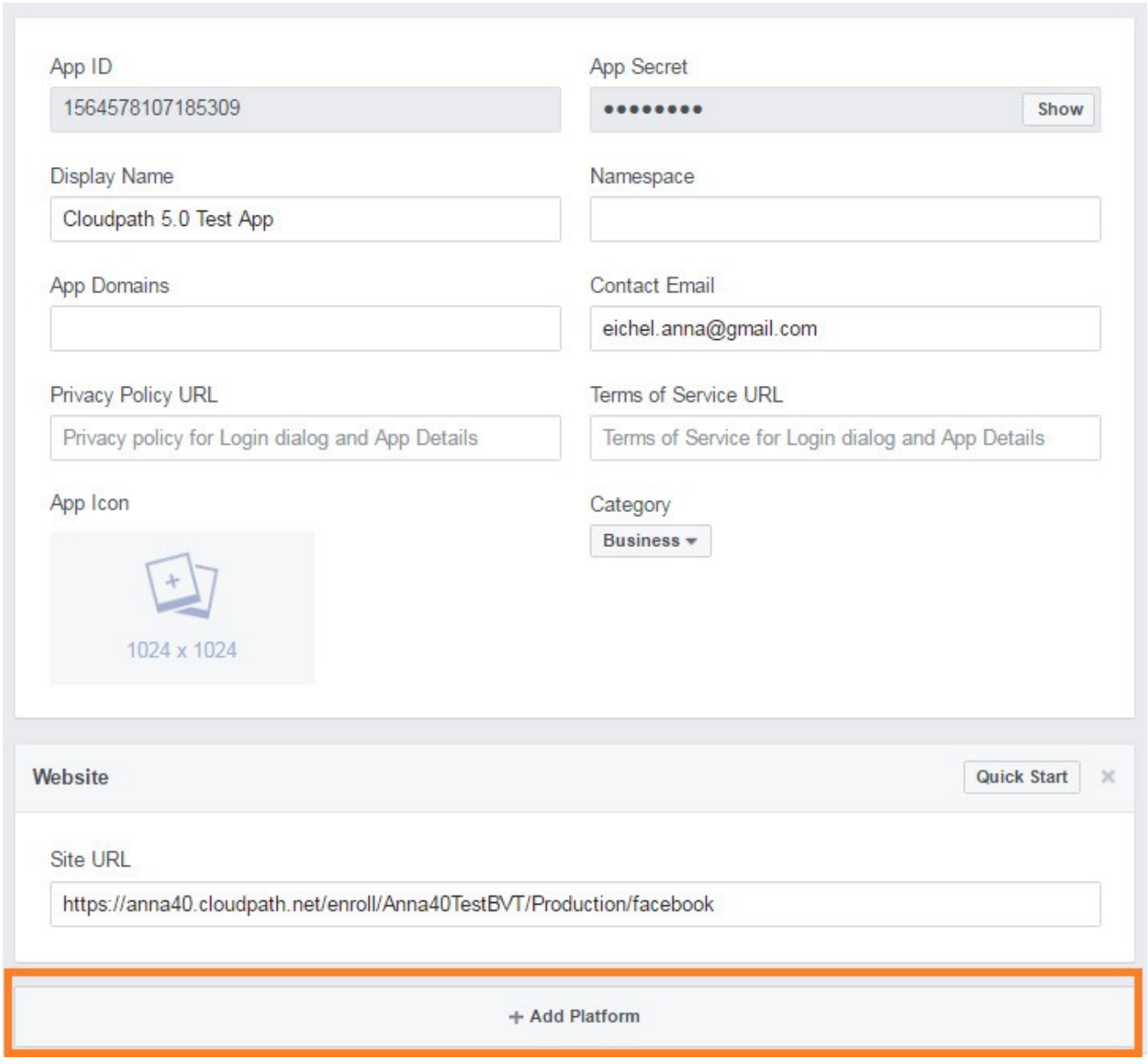
Configure Basic App Settings

1. Select the Settings tab.
2. Enter the Namespace, **App Domain(s)** and **Contact Email** for your application.

NOTE
Starting with Cloudpath 5.1, the App Domains is a required field.

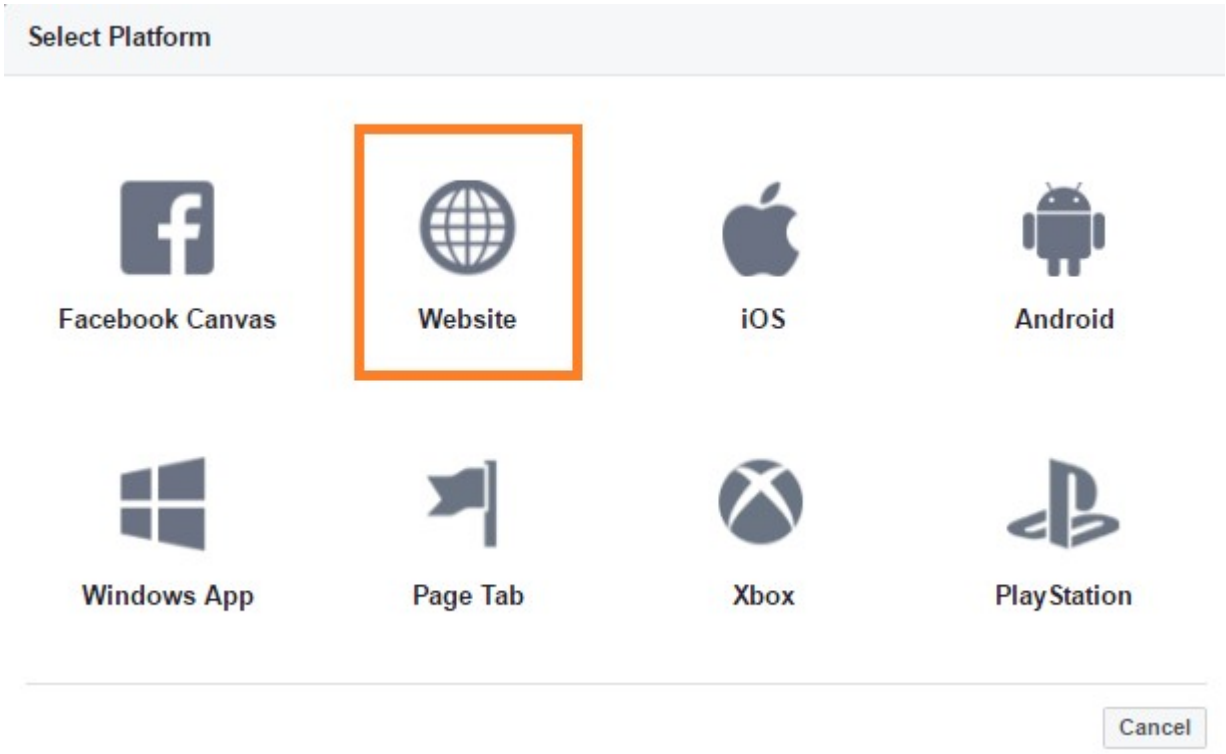
3. Click **Add Platform**.

FIGURE 2 Basic Settings



4. On the **Select Platform** window, select **Website**.

FIGURE 3 Select Platform



5. Enter the **Site URL** for your site. The URL format should be similar to https://test.company.com/ enroll/Test/Production/facebook

   NOTE
   The Site URL for your app is displayed on the OAuth Authentication server page, in the Facebook section. See the Cloudpath Configuration for details.

6. Click **Save Changes**.

   NOTE
   Your changes may take several minutes to propagate to all servers.

Valid OAuth Redirect URI

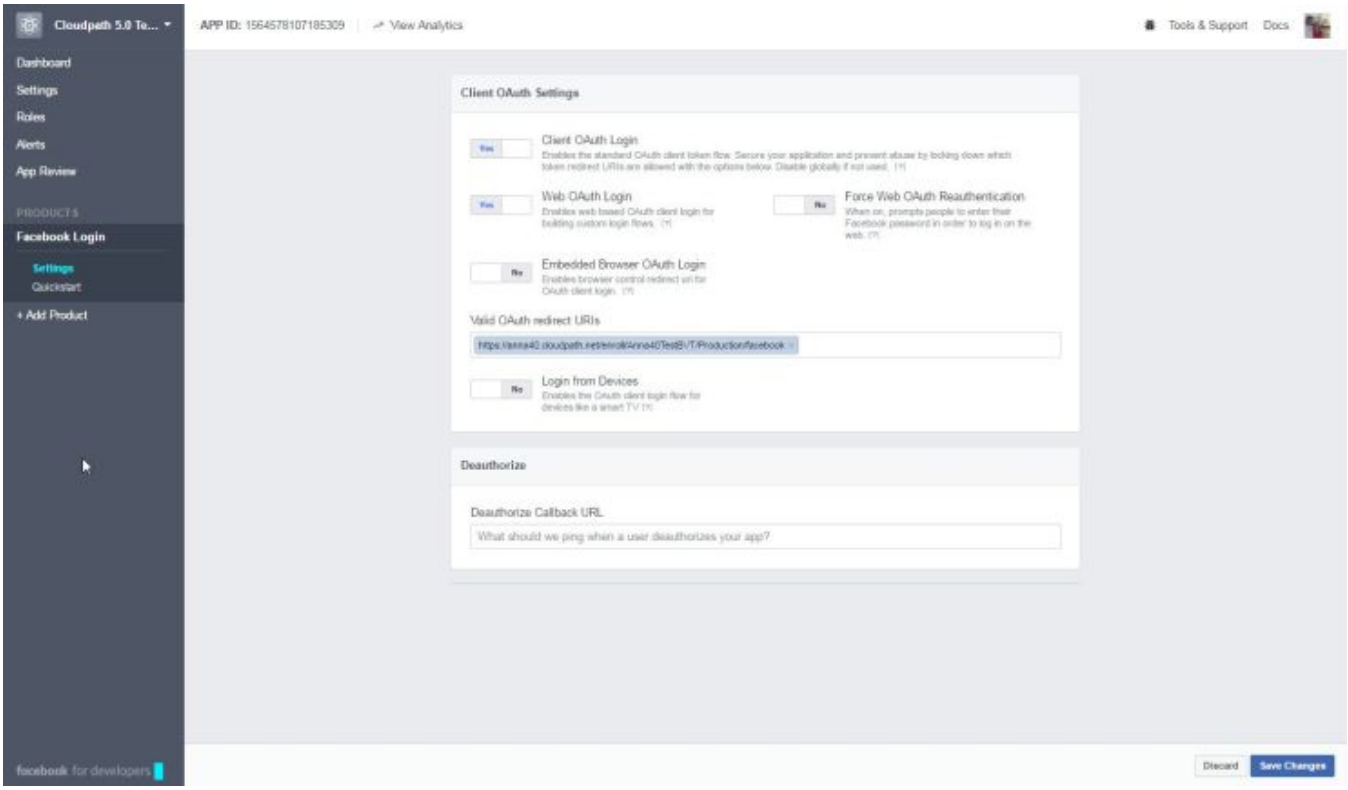
During testing, the Facebook application worked correctly for third-party authentication without the Valid OAuth redirect URI configured in the application, as long as the Site URL (see Step 4 above) was configured. However, the Facebook application shows an error if the Valid OAuth redirect URI is not configured for the Facebook app.

To add the Valid OAuth redirect URI:

1. Navigate to the **Products** tab, select **Facebook Login**, and **Settings**.

   NOTE
   If there is no **Facebook Login** tab, use the **Add Product** button to add it.

   FIGURE 4 Facebook Login Tab



2. Enter the Valid OAuth redirect URI for the Facebook application.

   The format should be similar to https://test.company.com/enroll/Test/Production/facebook. The **Valid OAuth redirect URI** for your app is displayed on the OAuth Authentication server page, in the Facebook section, and is the same value as was entered for the **Site URL**. See the Cloudpath Configuration for details.

Setting Up Cloudpath for Facebook Authentication

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

What You Need

- Facebook App ID
- Facebook App Secret
- (Optional) Scope parameters, Event ID, and Liked Page ID for your Facebook application

Cloudpath Configuration

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

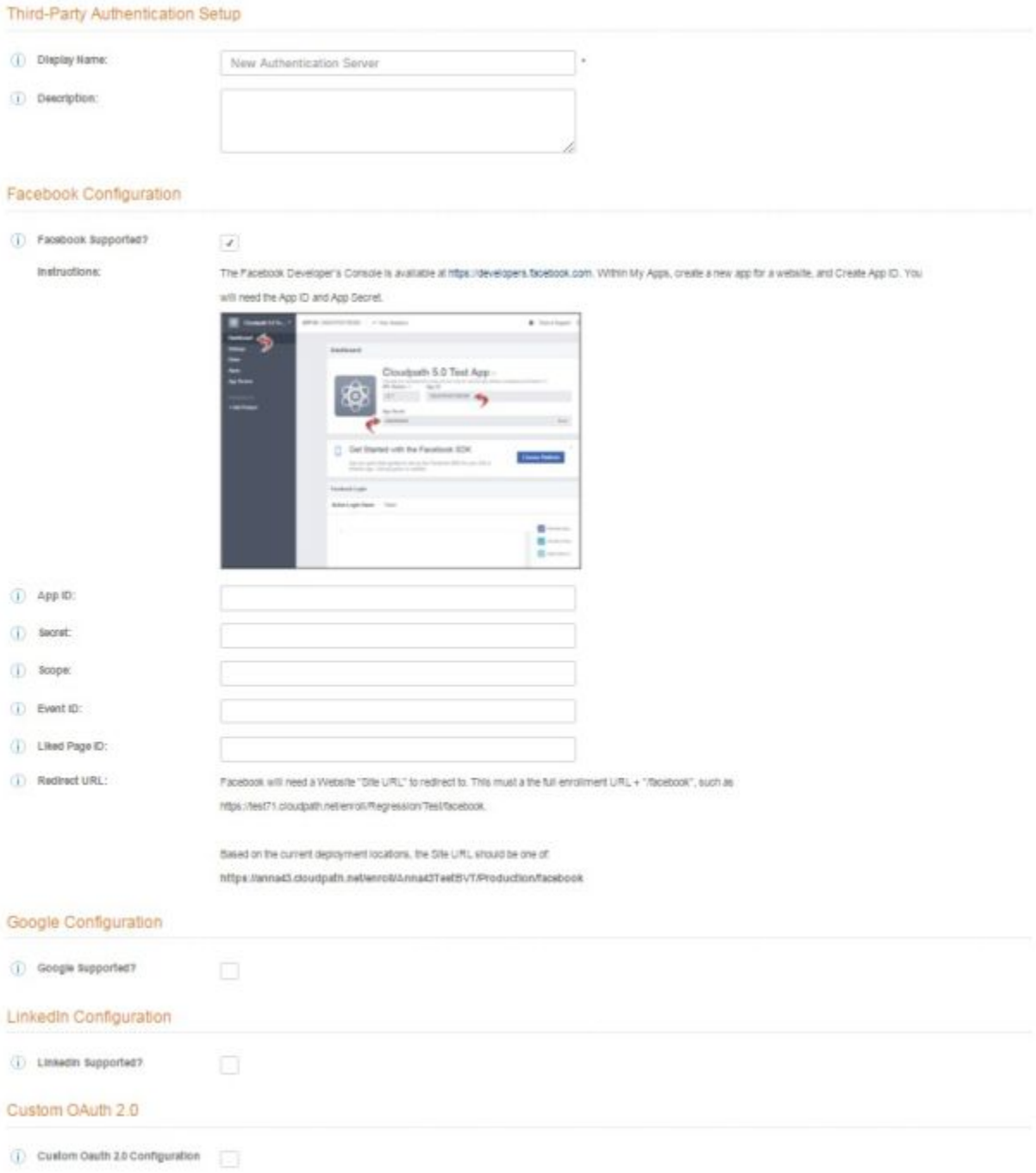
How to Add Third-Party Authentication to the Workflow

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. 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.

4. Enter the **Name** and **Description** of this configuration.

FIGURE 5 Cloudpath Third-Party Authentication Setup

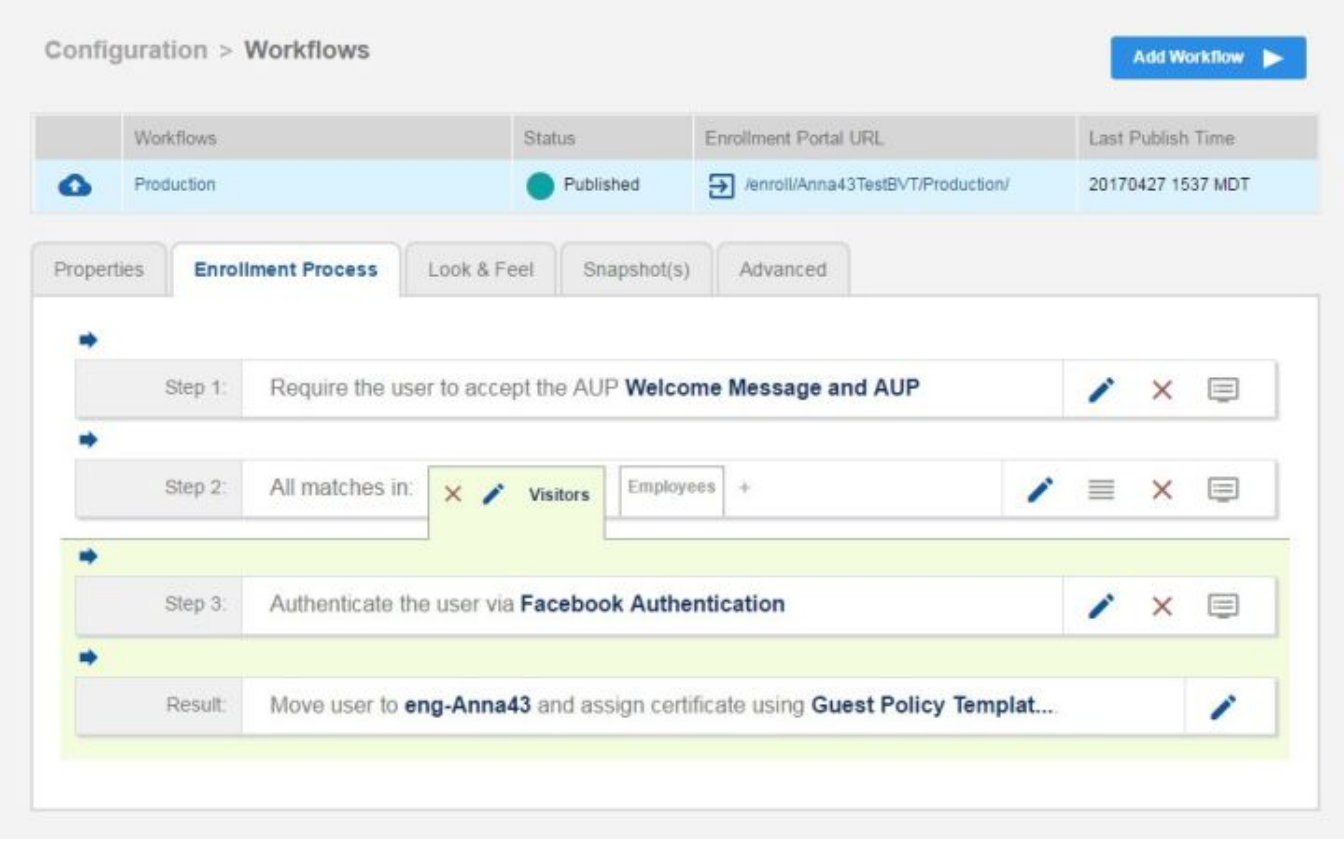


5. In the Facebook Configuration section, check the **Facebook Supported?** box and complete the following fields:
   - **App ID** - The **App ID** from the Facebook application you just created.
   - **Secret** - The **App Secret** from the Facebook application you just created.
   - Optional settings:
     - **Scope** - A comma separated list of permission names that allows the application to read or write additional data (such as email or user_group) from the Facebook application. If scope is left blank, you can only obtain the **Facebook profile ID**, **URL**, and **Name**.
     - **Event ID** and **Liked Page ID** - Allows the application to provide additional information about the user. The **Scope** must include **user_likes** to use **Liked Page ID**, and **user_events** to use **Event ID**. Adding a user_event (or user_likes) in the Scope allows you to create a filter in the workflow based on whether a user is in the user_event (or user_likes) group. See the Identity Information in the Enrollment Record to view the User Groups.

       NOTE
       To obtain the **Event ID** or **Page ID**, right-click on the FB page or event and **View Page Source**, then search for the string **event_id** or **page_id**.

6. Click **Save**. The Facebook authentication step is added to your enrollment workflow.

FIGURE 6 Workflow with Facebook Authentication



User Experience

During the enrollment process, the user is prompted to authenticate using their Facebook credentials.

- If the user is logged into Facebook, the enrollment continues.
- If the user is not logged into Facebook, they are prompted to log in, and after a successful authentication, redirected back to Cloudpath to continue with the enrollment process.

FIGURE 7 Authenticate Using Facebook

Additional Documentation

You can find more information in the Cloudpath configuration guides, located on the left-menu **Support** tab of the Cloudpath Admin UI.

Copyright © 2006-2017. Ruckus Wireless, Inc.
350 West Java Dr. Sunnyvale, CA 94089. USA
www.ruckuswireless.com