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Set Up SCIM Provisioning for LastPass Using Okta

This guide provides setup instructions for using SCIM provisioning for LastPass via Okta for your LastPass Enterprise or LastPass Identity account.

Summary

LastPass supports the following provisioning features:

- Create Users
- Update User Attributes
- Deactivate Users
- Push Groups

Completing only the SCIM Provisioning steps for Okta (outlined in this guide) will still require the user to create and remember a separate Master Password to log in to LastPass, which is used to create the unique encryption key for their LastPass Vault.

LastPass Enterprise does support federated login with Okta, which allows users to log in to LastPass using their Okta account (no separate Master Password required). For setup information, please see Set Up Federated Login for LastPass Using Okta.

System Requirements

Syncing the Okta user directory to LastPass requires the following:

- An active Okta provisioning subscription
- An active trial or paid LastPass Enteprise or LastPass Identity account
- An active LastPass Enterprise admin (required when activating your trial or paid account)

The LastPass Okta SCIM endpoint does not require any software installation.

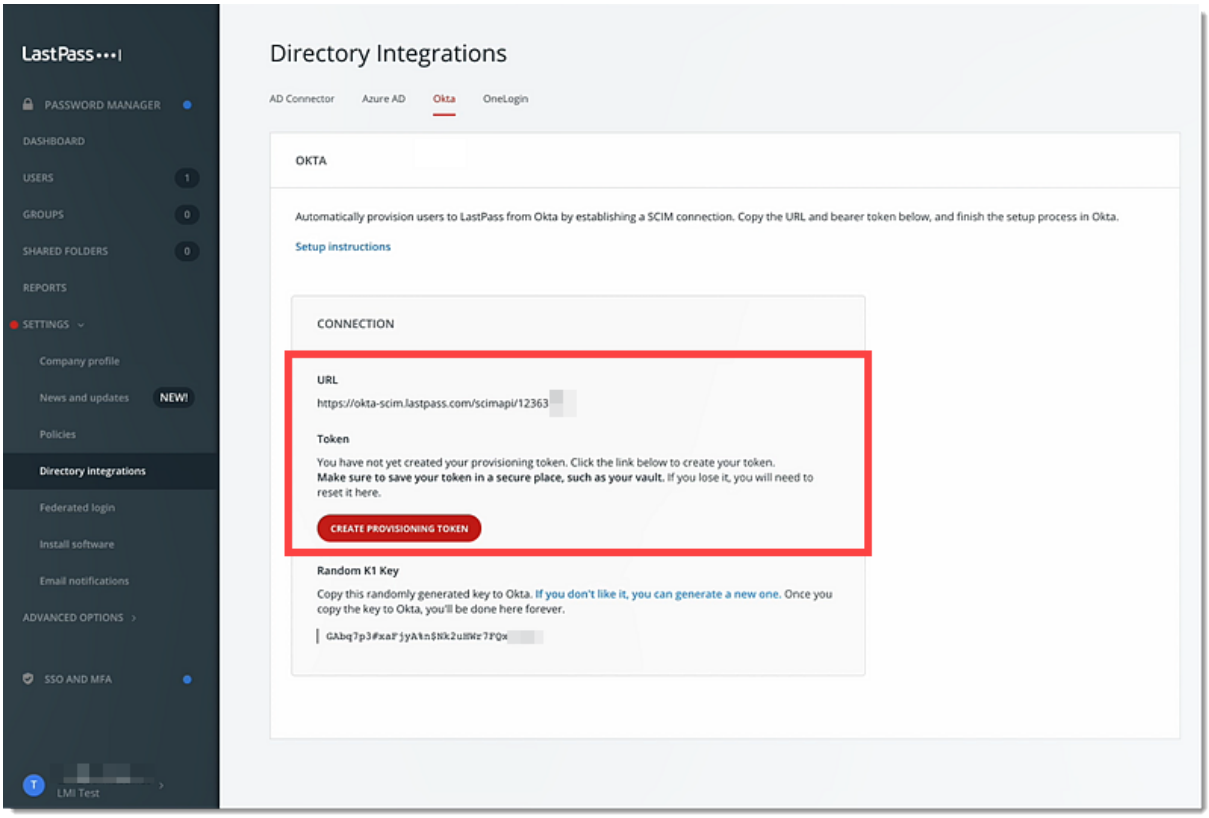
Before you begin

- It is **strongly recommended** that you enable the "Permit super admins to reset Master Passwords" policy for at least 1 LastPass admin in the LastPass Admin Console. This ensures that all LastPass user accounts can still be recovered (via Master Password reset) if a critical setting is misconfigured or changed after setup is complete.
- It is helpful to open a text editor application so that you can copy and paste values that will be used between your LastPass Admin Console and the Okta Admin portal.

Step #1: Generate a Provisioning Token

1. Access the LastPass Admin Console by opening a web browser and going to https://lastpass.com/company/#!/dashboard.
2. Enter your administrator username and Master Password, then click **Log In**.
3. Select **Settings > Directory integrations** in the left navigation.
4. Click on the **Okta** tab.
5. Copy the URL and paste it into your text editor application.
6. Click the **Create Provisioning Token** to generate it, then copy the token and paste it into your text editor application.

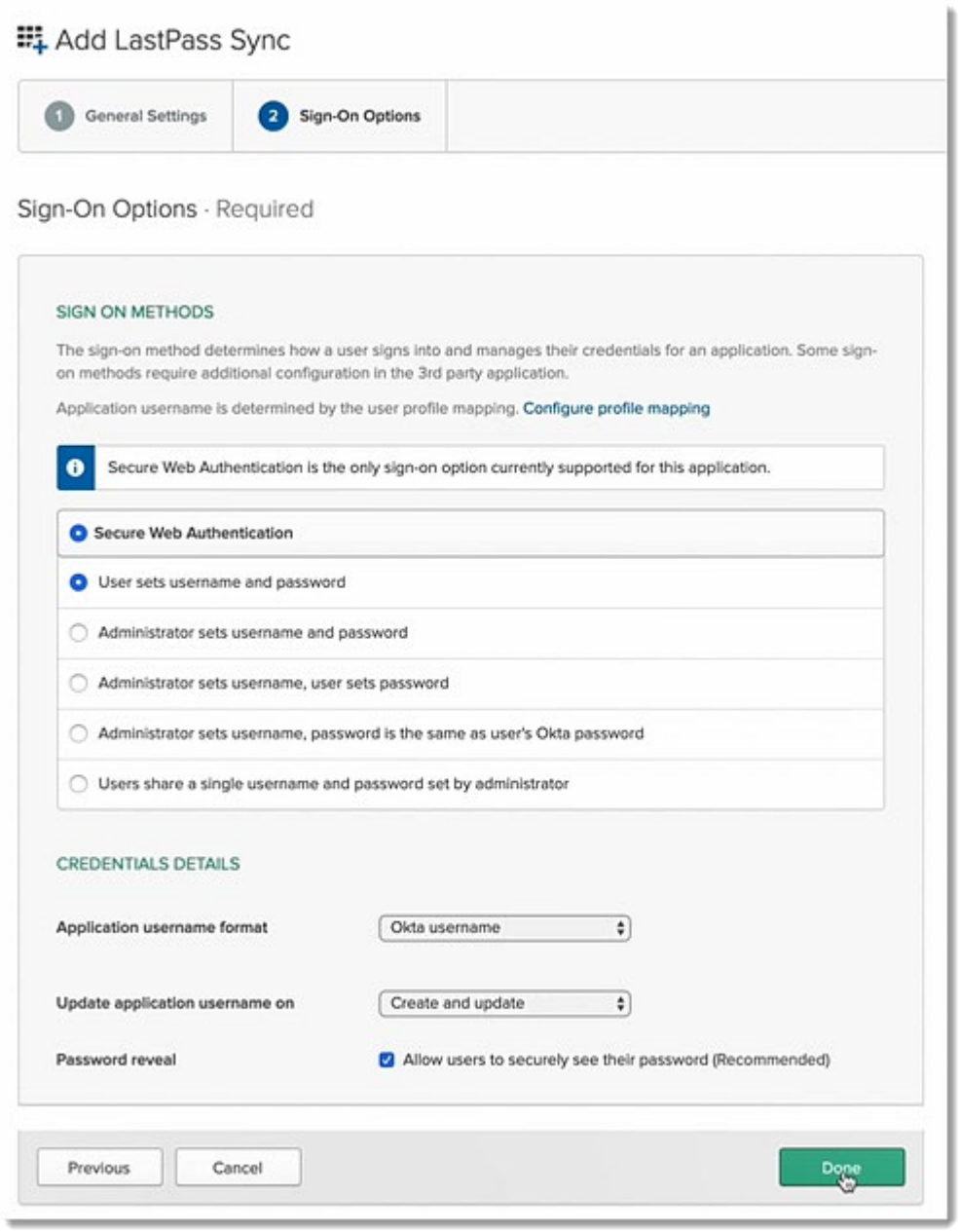
   Note: *If you navigate away from the Okta tab within the Directory Integrations page, the Provisioning Token will no longer be accessible through the LastPass Admin Console. If the Token is lost, a new one can be generated, but this will invalidate the previous code. Any process that used the old Token will need to be updated with the new one. A new Provisioning Token can be generated by navigating back to the Okta tab and clicking* ***Reset Provisioning Token****.*



Step #2: Create a LastPass Sync app in Okta

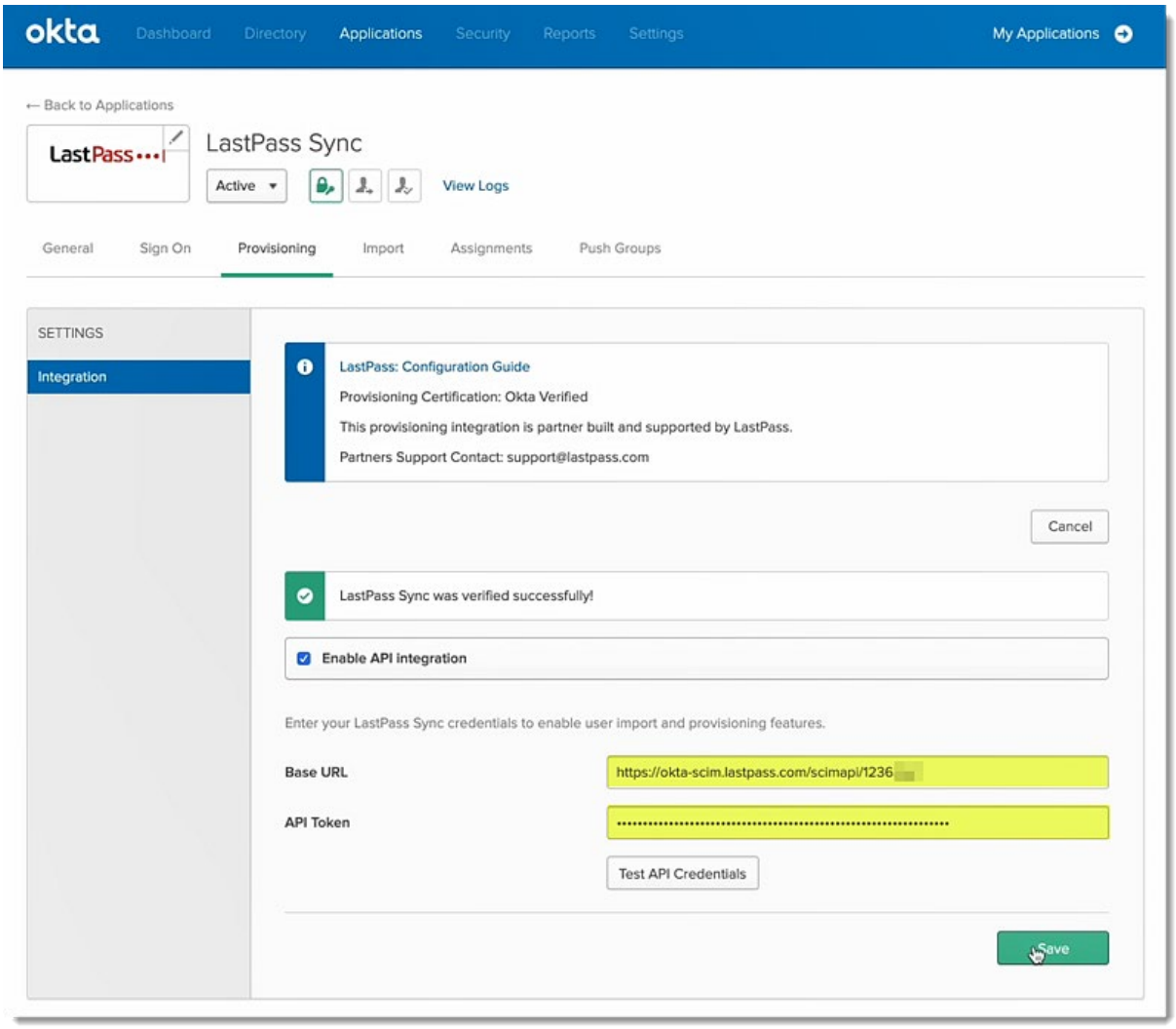
Once you have acquired the URL and Provisioning Token, you will need to enter them into the Okta Admin portal.

1. Log in to your Okta portal with your administrator account credentials.
2. Click the user account drop-down menu in the upper-right navigation, then select **Your Org**.
3. Access the Admin Dashboard by clicking **Admin** in the upper-right toolbar.
4. Under the **Applications** tab, select **Applications**.
5. Click **Add Application**.
6. Search for "LastPass Sync" then click **Add**.
7. Click **Next**, then click **Done** (leaving default values as-is).



Step #3: Enter the Provisioning URL and Token into LastPass Sync

1. Click the **Provisioning** tab, then click **Configure API Integration**.
2. Check the box to enable the **Enable API integration** option.
3. Enter the following 2 values that you copied from **Step #1** (the Generate a Provisioning Token section) above:
    a. For the Base URL field, paste the Connection **URL** from Step #1, Sub-Step #5 above.
    b. For the API Token field, paste the **Provisioning Token** you copied from Step #1, Sub-Step #6 above.
4. Click **Test API Credentials** to validate the information you entered.
5. Click **Save** to finish setting up the application.

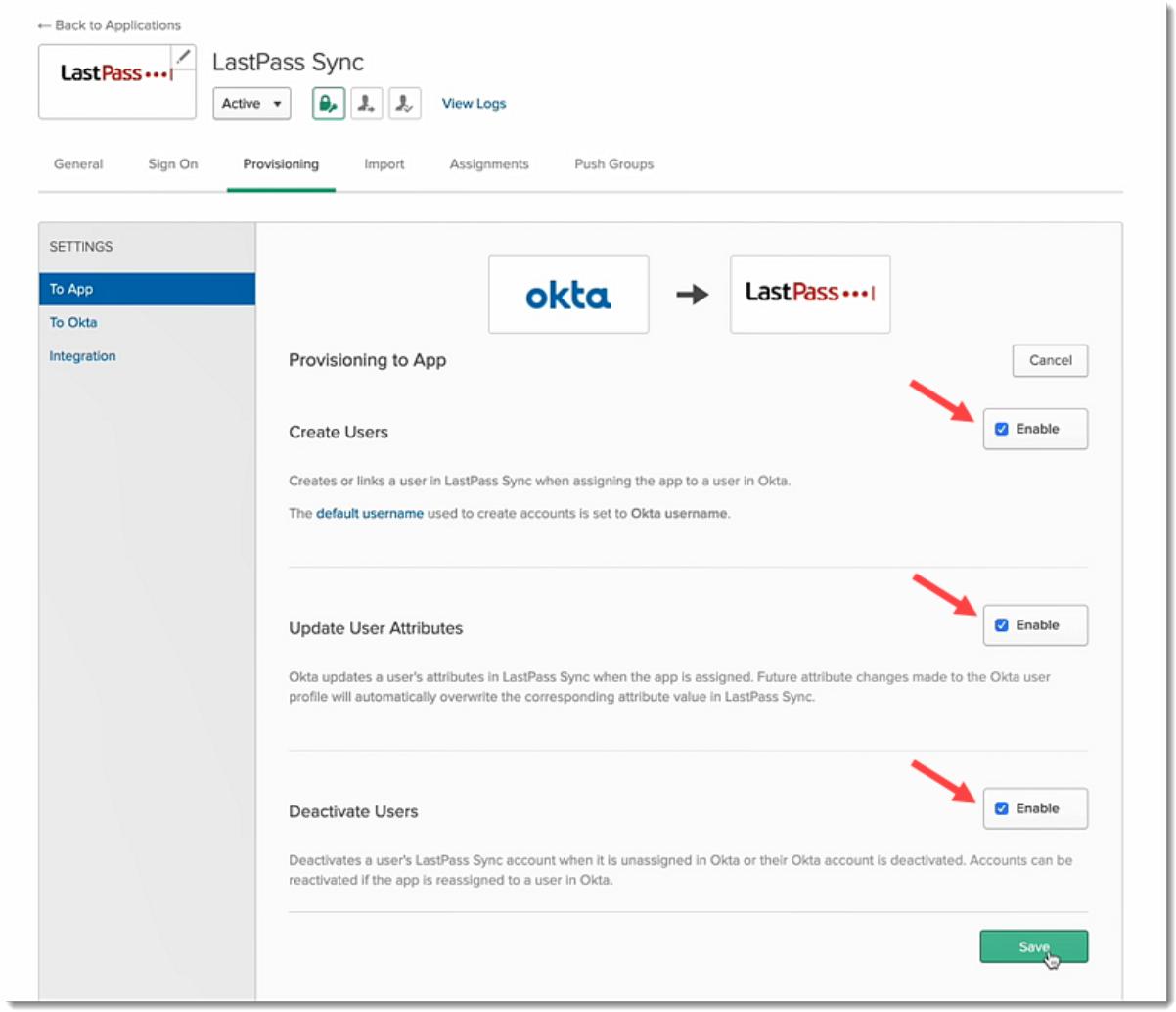


Step #4: Enable Provisioning to the LastPass Sync app in Okta

1. On the **Provisioning** tab, select **To App** in the left navigation.
2. Next to the "Provisioning to App" label, click **Edit**.
    a) If you **do not have** any existing users and/or groups in LastPass currently, check the boxes to enable the following 3 settings:
        - **Create Users**
        - **Update User Attributes**
        - **Deactivate Users**

    b) If you **do have** existing users and/or groups in LastPass currently, check the box to enable only the following setting:
        - **Deactivate Users***

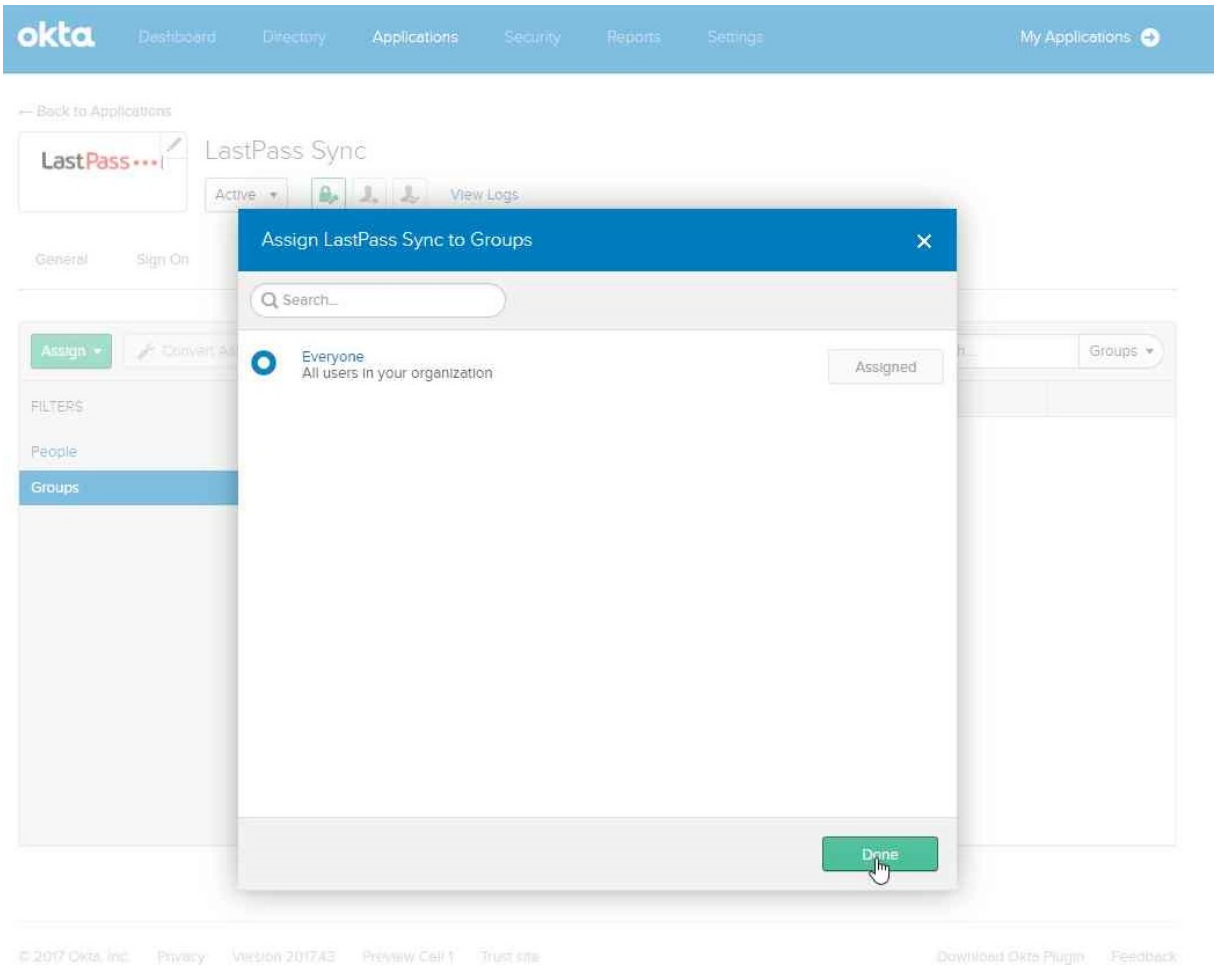
    ****Note**: *If you only selected **Deactivate Users** at this time, you will need to come back to this step and check the boxes to enable the **Create Users** and **Update User Attributes** settings after you have assigned all of your users and/or user groups then pushed all of your groups (after Step #5, Sub-Step #5 below).*
3. Click **Save.**



Step #5: Assign users to the LastPass Sync app

1. Click the Assignments tab.
2. Use the **Assign** drop-down menu and select **Assign to Groups**.
3. Select **Everyone**, then click **Assign**.
4. Click **Done** to begin syncing. This will provision your selected users and group assignments with LastPass accounts.
5. To sync group objects with memberships, you need to use the Push Group feature. This will use Okta as a source of truth and overwrite the same group with its members based on what you have pushed in the Okta group.

   ***Reminder!** If you had only selected **Deactivate Users** from **Step #4**, **Sub-Step 2B** in the previous section, you must now return to the previous section and check the boxes to enable 2 additional Provisioning settings (**Create Users** and **Update User Attributes**), then click **Save**.*



Troubleshooting & Tips

- The “Push Groups” feature is supported in the LastPass Sync app.
- Username updates are not supported by LastPass. Updating the user’s username in Okta will initiate a creation of a new user with the **new**, **updated** username in the LastPass Admin Console.
- It is **strongly recommended** that you have at least 1 LastPass admin that is enabled with the enabled with the “Permit super admins to reset Master Passwords” policy.

Contact Us

If you have not started a LastPass Enterprise trial, please contact our Sales team at lastpass.com/contact-sales for more information.

For more details, please see Set Up Okta Integration. For further assistance, you can contact our support team by selecting a contact option at the bottom of the article.