



Dropbox Connector

Quick Start Guide
V1.0

Introduction

This document describes the requirements of the connector and provides instructions on how to configure the connection and set up the connector. Other essential configuration steps that are part of the basic ScannerVision features (e.g. installation, configuring Networking Settings, templates, Users, etc) are not covered by this document.

The DropBox Connector has been updated to make use of Connections for OAuth 2.0.

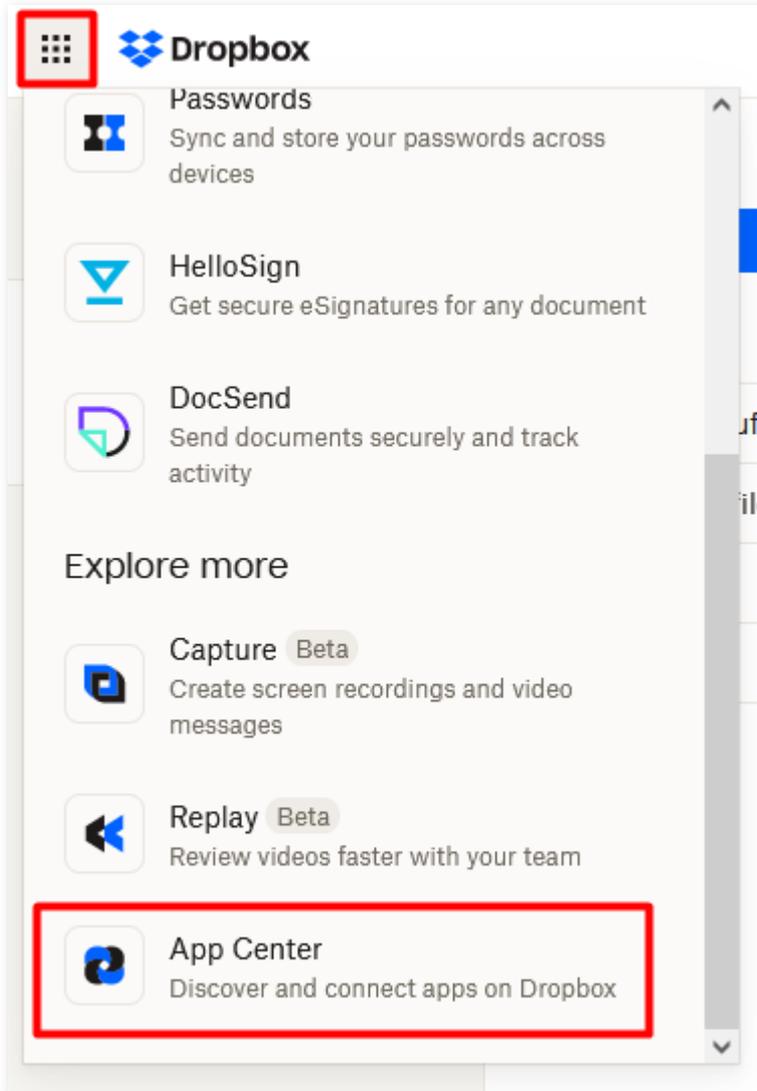
Requirements

The ScannerVision DropBox Connector V3.1.0.12 requires ScannerVision Server V9.6.0.1252 and HPN V9.6.6.1110 or higher.

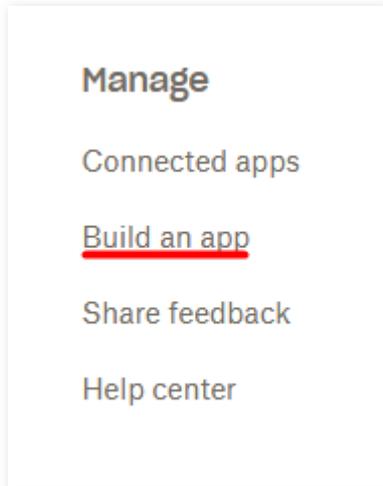
Should you have any questions, please do not hesitate to contact our support team at support@ubunye.com for assistance.

Configuration

DropBox App Creation



Once a user is logged into their DropBox account in their web browser they will need to add an application for ScannerVision. This can be done by going to Dropbox's grid menu, scrolling down, and selecting App Center.



In the App Center, on the left-hand menu scroll down to Manage > Build an app.

Create a new app on the DBX Platform

1. Choose an API

Scoped access **New**

Select the level of access your app needs to Dropbox data. [Learn more](#)



2. Choose the type of access you need

3. Name your app

[Create app](#)

On the next page select App Console in the top right corner. Then Create app on the My apps page.

You should see the screen on the left after selecting Create app.

Choose the Scoped access API. The type of access should present with 2 options: App folder or Full Dropbox. Select the option which will best apply for your needs.

2. Choose the type of access you need

[Learn more about access types](#)

App folder – Access to a single folder created specifically for your app.

Full Dropbox – Access to all files and folders in a user's Dropbox.

Once selected, you can give a name to your app and click on Create app.

Once created, you will be able to setup additional settings and permissions for your app.

The screenshot shows the 'Settings' tab for an OAuth 2.0 application. It contains the following elements:

- Permission type:** Set to 'Scoped App' (callout 1).
- App key:** A redacted field (callout 2).
- App secret:** A 'Show' link to reveal the secret.
- Redirect URIs:** A list with one entry 'https:// (http allowed for localhost)' and an 'Add' button (callout 3).
- Allow public clients (Implicit Grant & PKCE):** A dropdown menu set to 'Disallow' (callout 4).
- Generated access token:** A 'Generate' button.
- Access token expiration:** A dropdown menu set to 'Short-lived' (callout 5).

Under the Settings tab

1. Ensure that the Permission type is set as a Scoped App
2. The App key and App secret will be required to set up Dropbox within ScannerVision
3. The Redirect URI will need to be added from ScannerVision. The format should be
`https://{SV_Server_Name}:
{WebServerPort}/oauth2/callback`

(the webserver port need only be specified if the default port 443 is not used)

4. Set Allow public clients to Disallow
5. Set Access token expiration to Short-lived

NB: Do not click on Generate access token. This is not needed for ScannerVision to connect with the Dropbox app.

Under the Permissions tab under Individual Scopes

1. Enable files.metadata.write (this will automatically enable files.metadata.read)
2. Enable files.content.write
3. Enable files.content.read

Click Submit when you are done making changes. Additional permissions can be enabled depending on what is required for the organization.

Settings | Permissions | Branding | Analytics

Individual Scopes Individual scopes include the ability to view and manage a user's files and folders. [View Documentation](#)

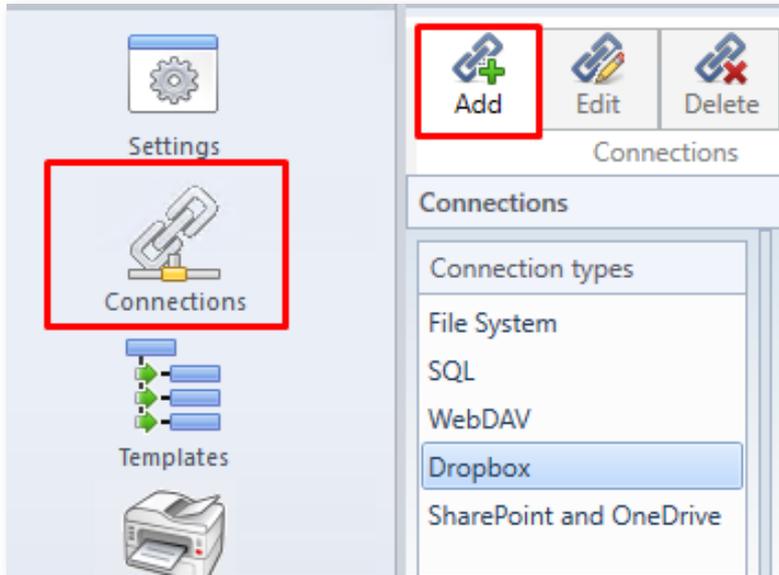
Account Info
Permissions that allow your app to view and manage Dropbox account info

- account_info.write View and edit basic information about your Dropbox account such as your profile photo
- account_info.read View basic information about your Dropbox account such as your username, email, and country

Files and folders
Permissions that allow your app to view and manage files and folders

- files.metadata.write View and edit information about your Dropbox files and folders
- files.metadata.read View information about your Dropbox files and folders
- files.content.write Edit content of your Dropbox files and folders
- files.content.read View content of your Dropbox files and folders

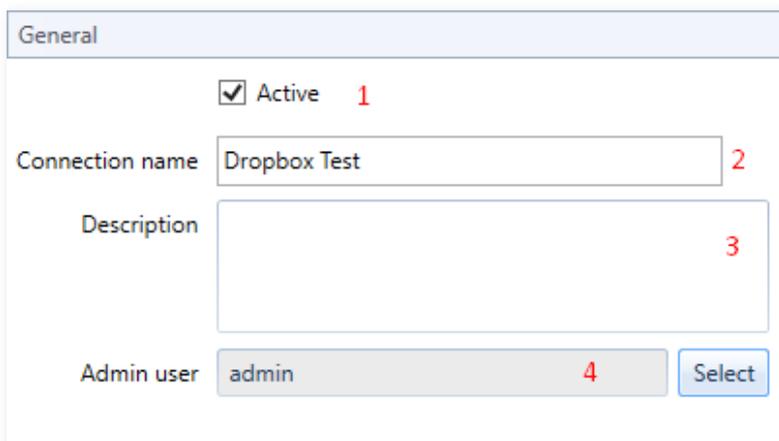
ScannerVision™ Dropbox Configuration



Connection Settings

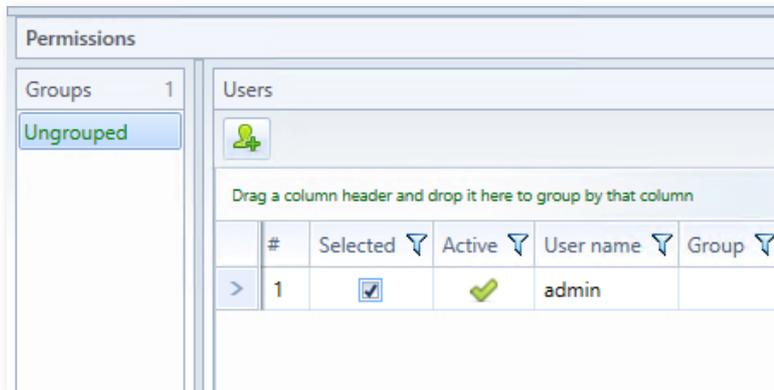
Under the Connections section select Dropbox and click Add

This will open the setup window for a new Dropbox connection.



Under General

1. Ensure the Active checkbox is enabled
 2. Give the connection a unique name so it can be identified easily on the connector setup
 3. Optional. Give a description for the connection
 4. Select an Admin user to be used for the connector configuration
-



Under Permissions

1. Select the group (if configured) of users which should be allowed to upload to Dropbox

(if not configured, users will be shown under Ungrouped and must be configured individually)

2. Select the checkbox until a tick is displayed. This enables permission for the user to see the connection.

If the checkbox is unchecked, the user does not have permission. If a dash is shown and the user is part of a group, the user will inherit the permission set at group level. Please refer to the ScannerVision User Manual for additional information related to Connection permissions.

Property Definitions & Descriptions

Definitions Descriptions

OAuth

OAuth 2.0 client application parameters

Grant Type Authorization Code 1

Authorization Endpoint 2

Token Endpoint

Client ID 3

Client Secret 4

Resource 5

Scope 6

Redirect URI 7

Under Property Definitions & Descriptions

1. Grant Type will be set to Authorization Code
2. Authorization Endpoint and Token Endpoint will be automatically populated
3. Enter the App Key from the Dropbox App created earlier under Client ID
4. Enter the App Secret from the Dropbox App created earlier under Client Secret
5. Resource can be left empty
6. Scope can be left empty unless you need to restrict access further
7. Redirect URI will be populated automatically. This needs to be copied to the Dropbox App and added under Redirect URIs

Once the necessary information has been completed, select Save.

scannervision™

Username:

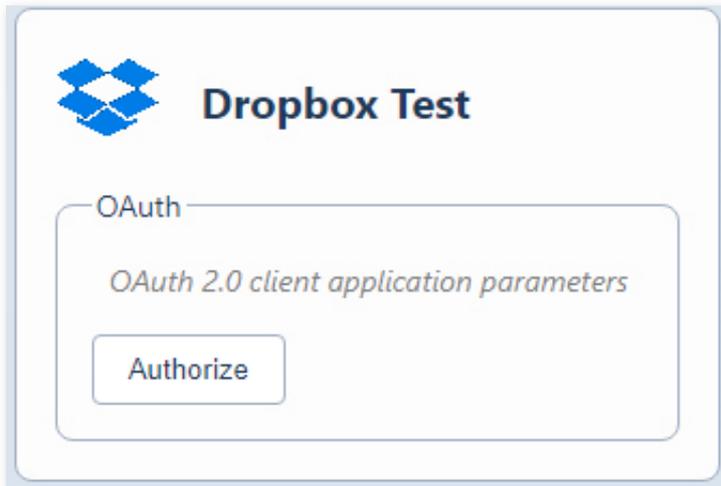
Password:

Login

Back on the Connections screen, select the Dropbox connection which was just created and click on Configure.

NB: the ScannerVision Networking Service must be running for the next steps.

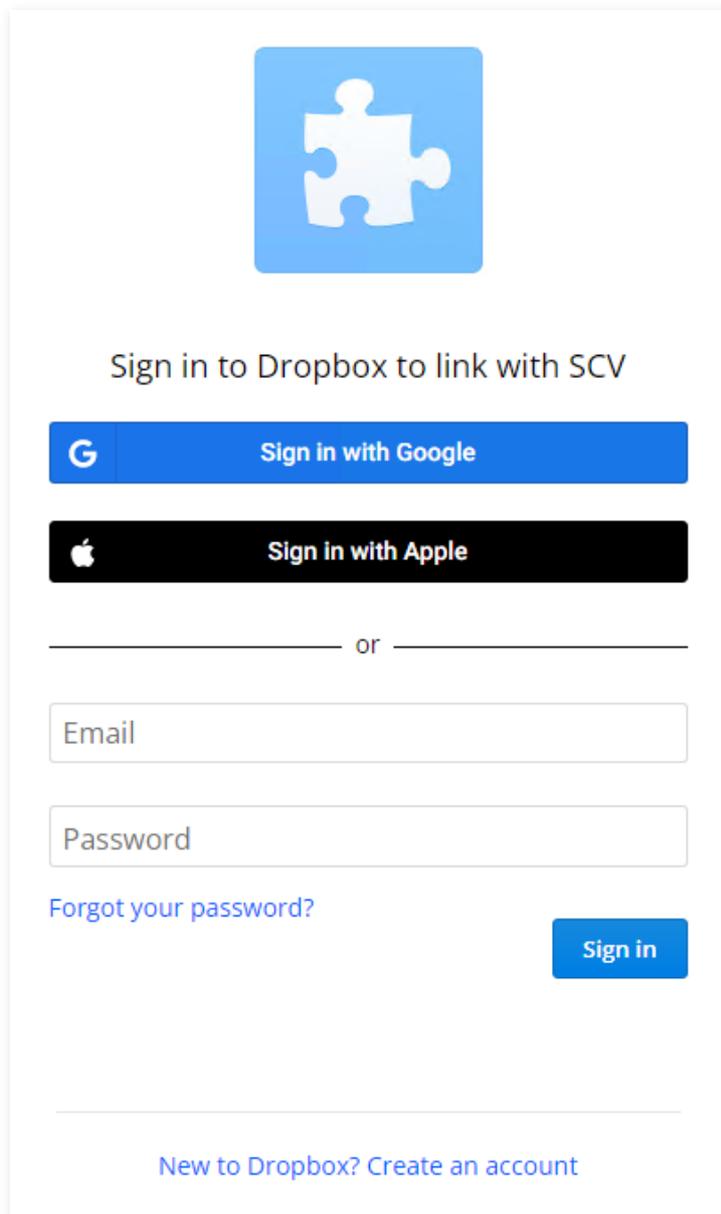
This will open a web page with a login page.



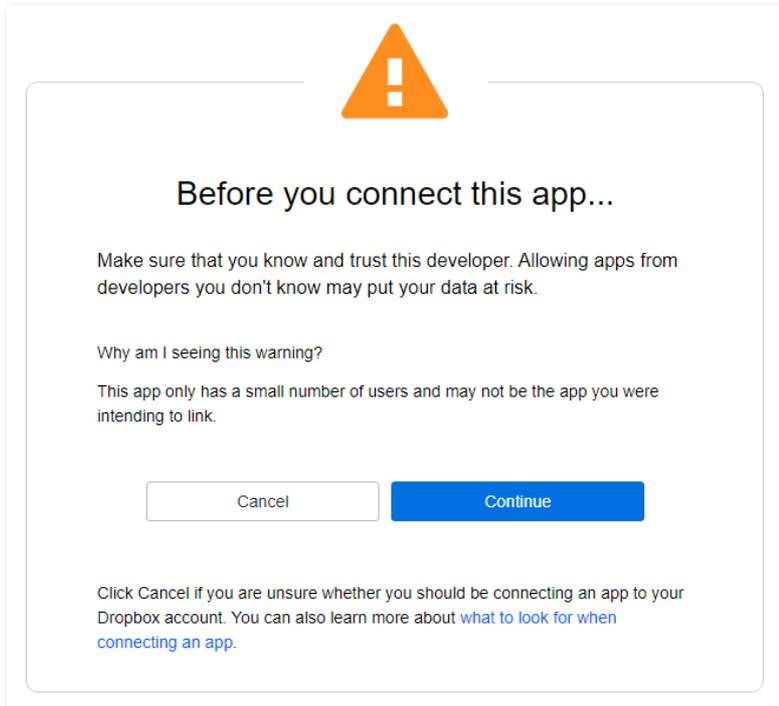
Enter the Username and Password of the Admin user which was selected for the Dropbox connection and click Login.

If permissions have been setup correctly, the Dropbox connection will appear once logged in, under the name specified for the connection.

If the connection does not appear, close the browser, and restart the ScannerVision Networking Service before logging in again.

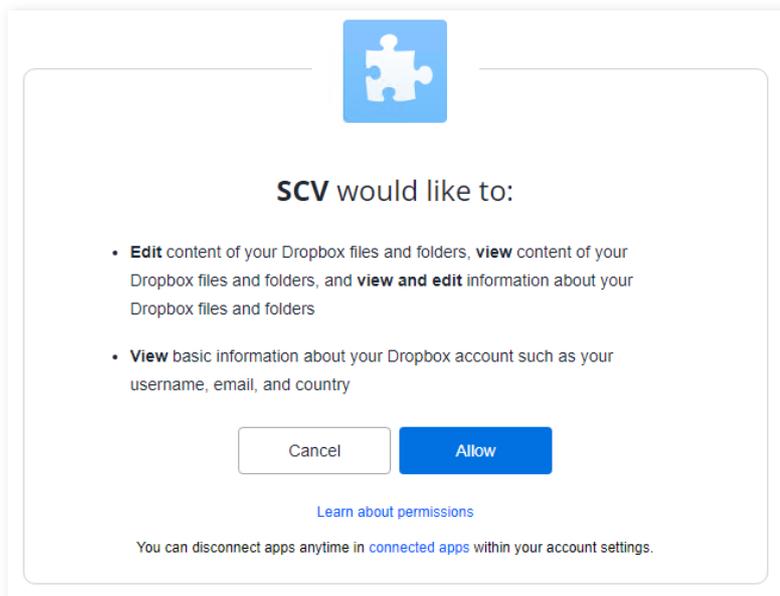


Click Authorize. This should open a new web page where the user will need to login with their Dropbox credentials.

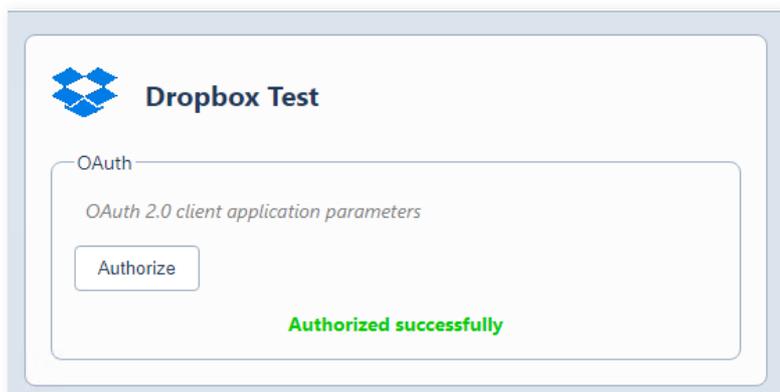


Once signed in, you may be presented with the warning on the left

Click on Continue.



On the next page it will list the permissions you have assigned to the Dropbox App and ask to allow access for the app.



Once Allow has been clicked, you will return to the Configuration screen and a message “Authorized successfully” will appear. Select Save and either Log Out or close the Configuration window.

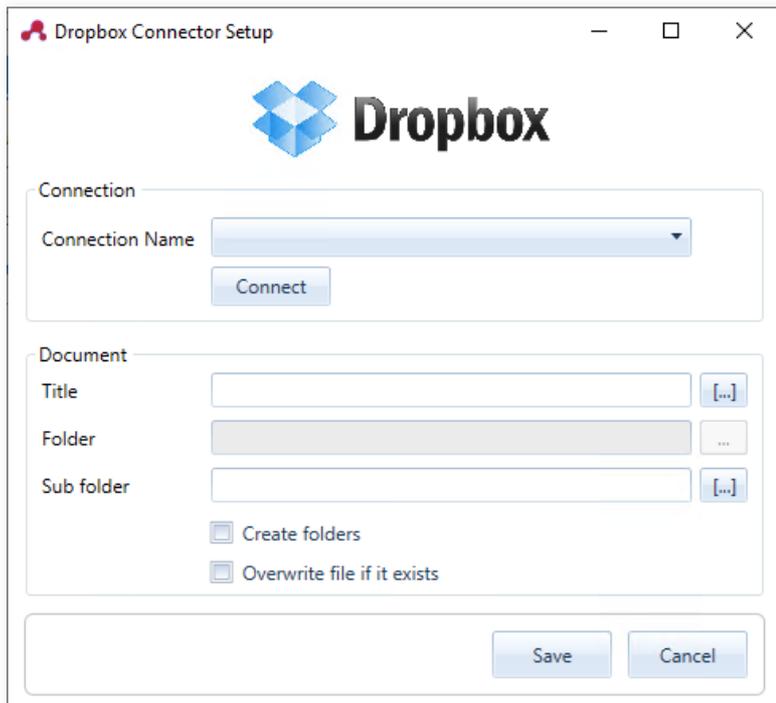
You will now be able to setup the Dropbox connector on a template.

NB: Once a user has been logged into their Dropbox account the user will remain logged into their account on the browser. The user will need to open Dropbox on a new tab and explicitly log out of their account before the next user would be allowed to login and authorize their account in the same browser session.

It is advised that the configuration web page URL be sent to each user individually that needs to be able to upload to Dropbox so they may authorize their credentials on their own computers.

Alternatively, the browser settings must be changed to clear cookies and other site data, and the browser must be completely closed between logins of different users if they are to authorize their credentials on the same computer.

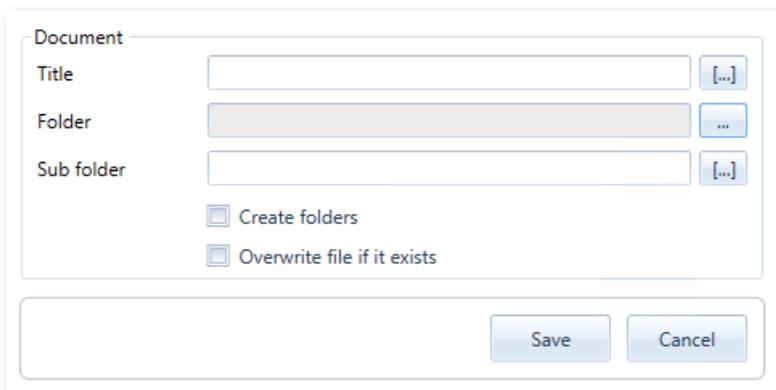
Dropbox Connector Setup



On the template, click and drag over an instance of the Dropbox Connector and click on Configure. This will open the Dropbox connector setup screen

Under Connection Name, choose the name of the connection which was created for Dropbox and click on Connect. If the connection is successful, a popup will be shown that says "User X with email address XXX is authenticated." This should be the Dropbox credentials entered for the Admin user.

After clicking OK, the setup for the connector can be done.



1. Title will be the name of the document once uploaded
 2. Folder should display a list of folders available to the Admin user
 3. Sub folder will create a new folder if it does not exist
 4. Create folders will create all new folders specified under Sub folder if they do not exist
 5. Overwrite file if it exists will overwrite files with the same name as specified under Title
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Once setup is complete, click Save. Click Apply settings to save changes made to the template.



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