



PDF EDITOR'S

File Handler

Installation Guide

Introduction

This guide outlines how to install and configure the PDF Editor for SharePoint in your Office 365 environment.

Prerequisites

Before installing the PDF Editor for SharePoint file handler, ensure you have all the required prerequisites – outlined below – installed on your computer.



Windows Permissions

Windows administrator privileges to run the installer (EXE).



Office 365 Permissions

Global administrator (or tenant administrator) privileges.



Node.js

You need Node.js installed on your computer.

If it isn't yet:

Open <https://nodejs.org/en/download>

Choose the installer for your operating system

Install Node.js

You can skip this part if you already have Node.js installed on your computer.

Just make sure you're using the latest version.



SharePoint Online App Catalog

Make sure you have an app catalog in your tenant. If not, follow these instructions to create one.



Vercel

You also need a Vercel account.

If you don't already have one:

Open <https://vercel.com>

Click Sign Up and complete the registration.

Once you register for a Vercel account, open the Vercel CLI page.

Copy the following command and run it in the command prompt to install Vercel on your computer:

```
npm i -g vercel
```

If you already have Vercel installed, use the following command to check its version and update it if necessary:

```
vercel --version
```

Installing

To install PDF Editor for SharePoint Online, follow the instructions outlined in the next sections.

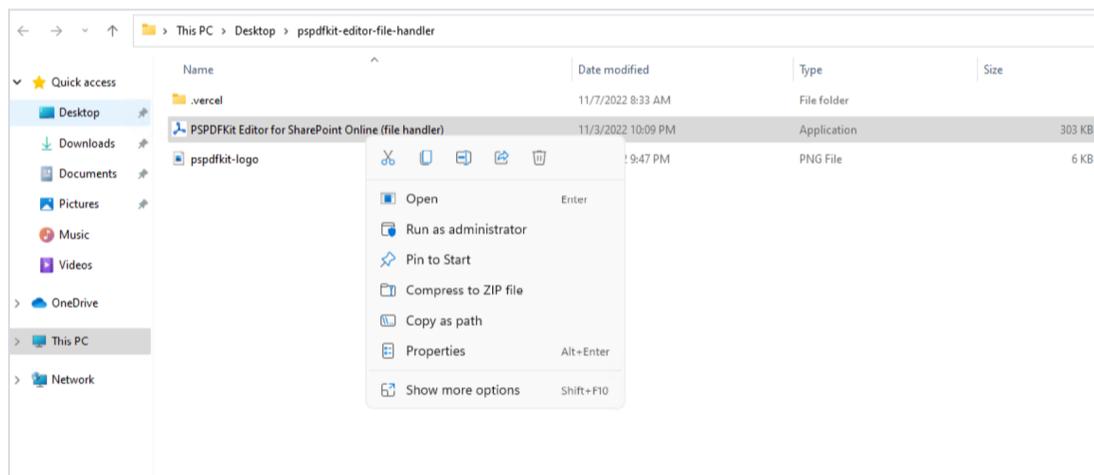
New Installation

01

Download the installation archive and unarchive it to the folder of your choice.

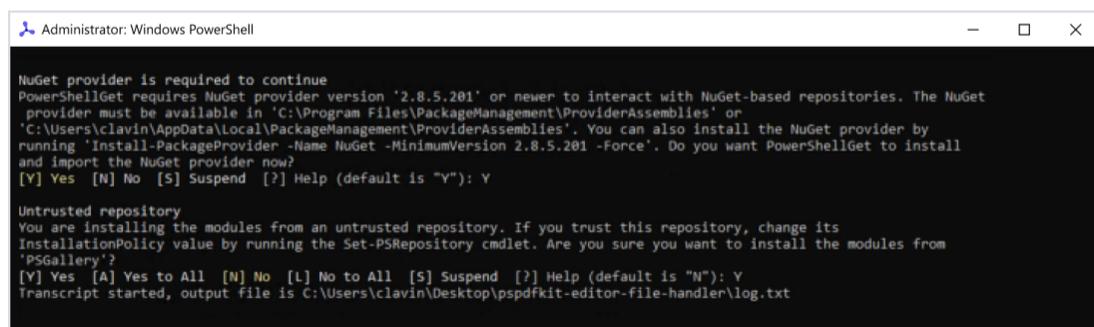
02

In that folder, find and run the **PSPDFKit Editor for SharePoint Online (file handler).exe** file. Make sure you're running the file as an administrator.



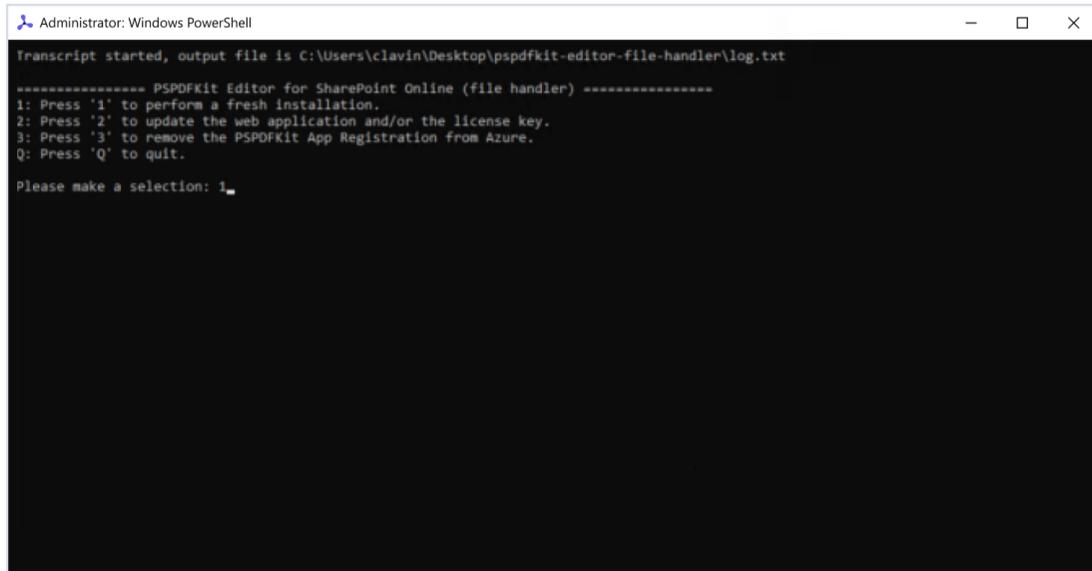
03

When you launch the installer, it'll prompt you to install the minimum version of the NuGet provider, along with modules from a repository. Agree to both of these to continue.



04

In the PowerShell window, press **1** to perform a fresh installation.



```
Administrator: Windows PowerShell
Transcript started, output file is C:\Users\clavin\Desktop\pspdfkit-editor-file-handler\log.txt
----- PSPDFKit Editor for SharePoint Online (file handler) -----
1: Press '1' to perform a fresh installation.
2: Press '2' to update the web application and/or the license key.
3: Press '3' to remove the PSPDFKit App Registration from Azure.
Q: Press 'Q' to quit.

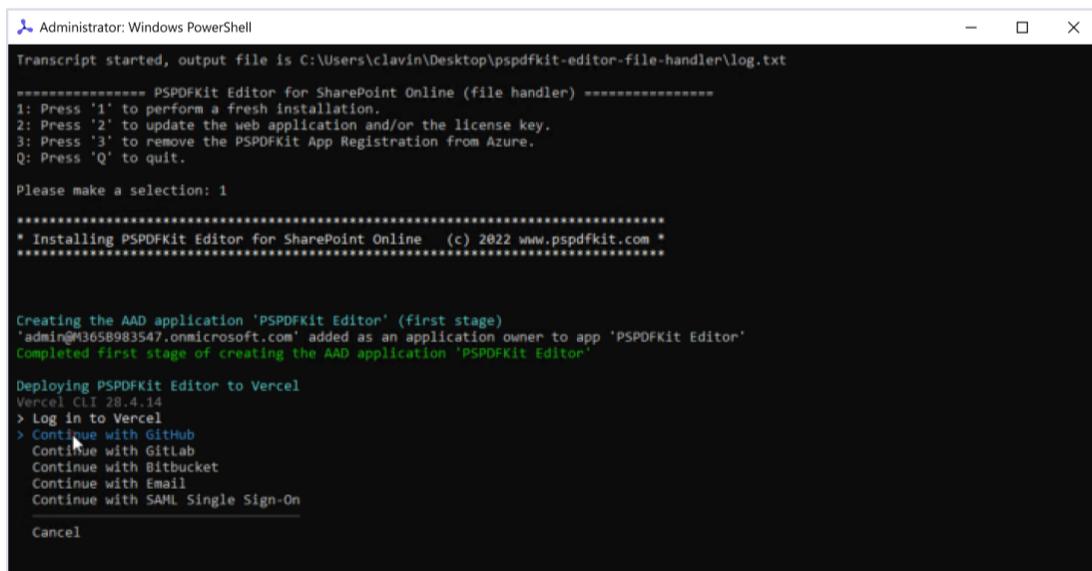
Please make a selection: 1_
```

05

In the next step, enter your Office 365 login credentials (email and password).
Be sure to enter your administrator credentials – not your user credentials –
because you'll need them to log in to your Azure account and create an app registration.

06

Now, log in to your Vercel account using the PowerShell window.
Use the login credentials you created during the registration step above.



```
Administrator: Windows PowerShell
Transcript started, output file is C:\Users\clavin\Desktop\pspdfkit-editor-file-handler\log.txt
----- PSPDFKit Editor for SharePoint Online (file handler) -----
1: Press '1' to perform a fresh installation.
2: Press '2' to update the web application and/or the license key.
3: Press '3' to remove the PSPDFKit App Registration from Azure.
Q: Press 'Q' to quit.

Please make a selection: 1

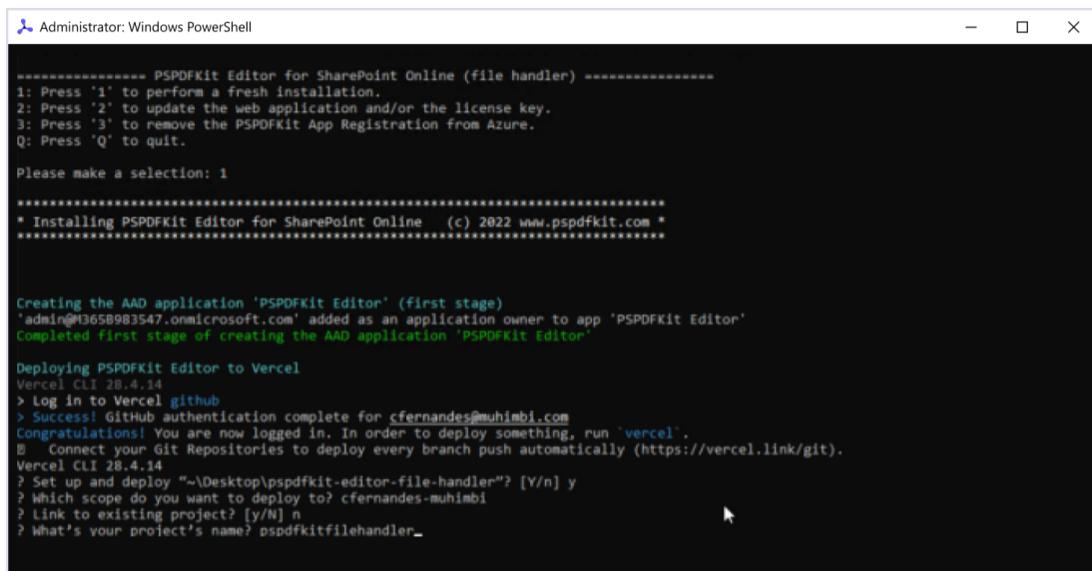
* Installing PSPDFKit Editor for SharePoint Online (c) 2022 www.pspdfkit.com *
-----

Creating the AAD application 'PSPDFKit Editor' (first stage)
'admin@m365b983547.onmicrosoft.com' added as an application owner to app 'PSPDFKit Editor'
Completed first stage of creating the AAD application 'PSPDFKit Editor'

Deploying PSPDFKit Editor to Vercel
Vercel CLI 28.4.14
> Log in to Vercel
> Continue with GitHub
Continue with GitLab
Continue with Bitbucket
Continue with Email
Continue with SAML Single Sign-On
Cancel
```

07

Once you log in to Vercel, go back to the PowerShell window and confirm the deployment by typing **Y** into the command prompt.



```
Administrator: Windows PowerShell

----- PSPDFKit Editor for SharePoint Online (file handler) -----
1: Press '1' to perform a fresh installation.
2: Press '2' to update the web application and/or the license key.
3: Press '3' to remove the PSPDFKit App Registration from Azure.
Q: Press 'Q' to quit.

Please make a selection: 1

-----
* Installing PSPDFKit Editor for SharePoint Online (c) 2022 www.pspdfkit.com *
-----

Creating the AAD application 'PSPDFKit Editor' (first stage)
'admin@M365B983547.onmicrosoft.com' added as an application owner to app 'PSPDFKit Editor'
Completed first stage of creating the AAD application 'PSPDFKit Editor'

Deploying PSPDFKit Editor to Vercel
Vercel CLI 28.4.14
> Log in to Vercel github
> Success! GitHub authentication complete for cfernandes@muhimbi.com
Congratulations! You are now logged in. In order to deploy something, run `vercel`.
  Connect your Git Repositories to deploy every branch push automatically (https://vercel.link/git).
Vercel CLI 28.4.14
? Set up and deploy "-\Desktop\pspdfkit-editor-file-handler"? [Y/n] y
? Which scope do you want to deploy to? cfernandes-muhimbi
? Link to existing project? [y/N] n
? What's your project's name? pspdfkitfilehandler_
```

08

Proceed with the default scope (which needs to be an account you're using) as long as it matches the account you previously created.

09

When asked if you want to link to an existing project, enter **N**.

10

Next, give your new project a name (lowercase only).

11

When asked in which directory your code is located, leave the field blank – it'll automatically point to the root directory where the code is located.

12

When asked if you want to modify settings, enter **N**.

13

Now the installation will try to deploy your project to Vercel. You can always check its status on your account page on the Vercel website.

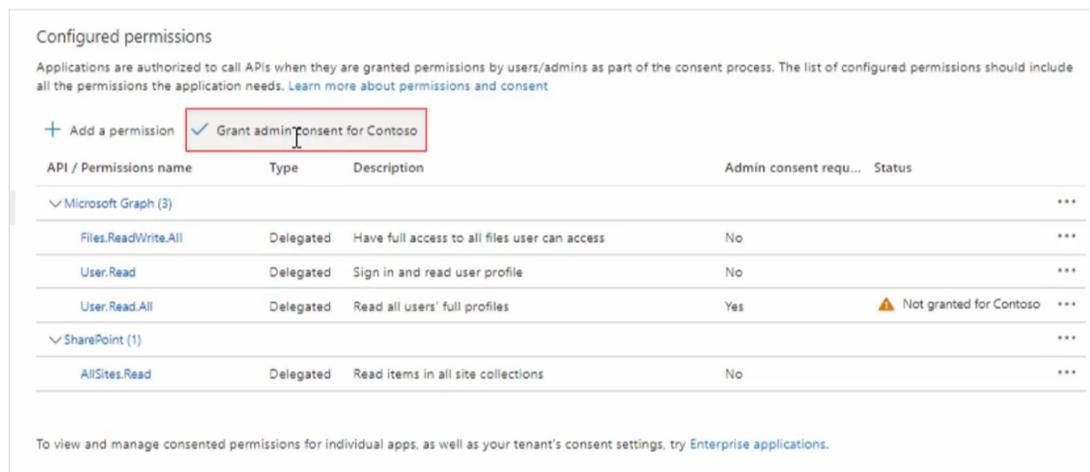
Now that installation is complete, you can go back to the browser and log in to Microsoft Azure using your credentials for this project.

Once logged in, you'll be redirected to two pages (two tabs in your browser will open):

- Azure API permissions tab
- Refresh URL tab

Granting Azure Permissions

On the Azure API permissions page, grant all permissions the PDF Editor file handler needs by clicking **Grant admin consent**.



The screenshot shows the 'Configured permissions' section in the Azure portal. At the top, there is a link to 'Learn more about permissions and consent'. Below that, there is a '+ Add a permission' button and a checked checkbox for 'Grant admin consent for Contoso'. The main part of the screenshot is a table with the following columns: 'API / Permissions name', 'Type', 'Description', 'Admin consent requ...', and 'Status'.

API / Permissions name	Type	Description	Admin consent requ...	Status
Microsoft Graph (3)				
Files.ReadWrite.All	Delegated	Have full access to all files user can access	No	***
User.Read	Delegated	Sign in and read user profile	No	***
User.Read.All	Delegated	Read all users' full profiles	Yes	⚠ Not granted for Contoso ***
SharePoint (1)				
AllSites.Read	Delegated	Read items in all site collections	No	***

At the bottom of the screenshot, there is a note: 'To view and manage consented permissions for individual apps, as well as your tenant's consent settings, try Enterprise applications.'

Then, go to the Refresh URL tab.

Forcing an Admin Refresh

You can refresh the URL on this tab every hour to see if the file handler was successfully provisioned in Azure.

If successful, you'll see values propagated like shown in the screenshot below.



The screenshot shows a browser address bar with the URL: `m365x11592137.sharepoint.com/_api/v2.0/drive/apps?adminForceRefresh=1`. Below the address bar, there is a JSON response snippet: `{"@odata.context": "https://m365x11592137.sharepoint.com/_api/v2.0/$metadata#driveApps", "value": []}`. The `"value": []` part is highlighted with a red box.

Note that Microsoft might take up to 72 hours to propagate the values and deploy the PDF Editor's file handler.

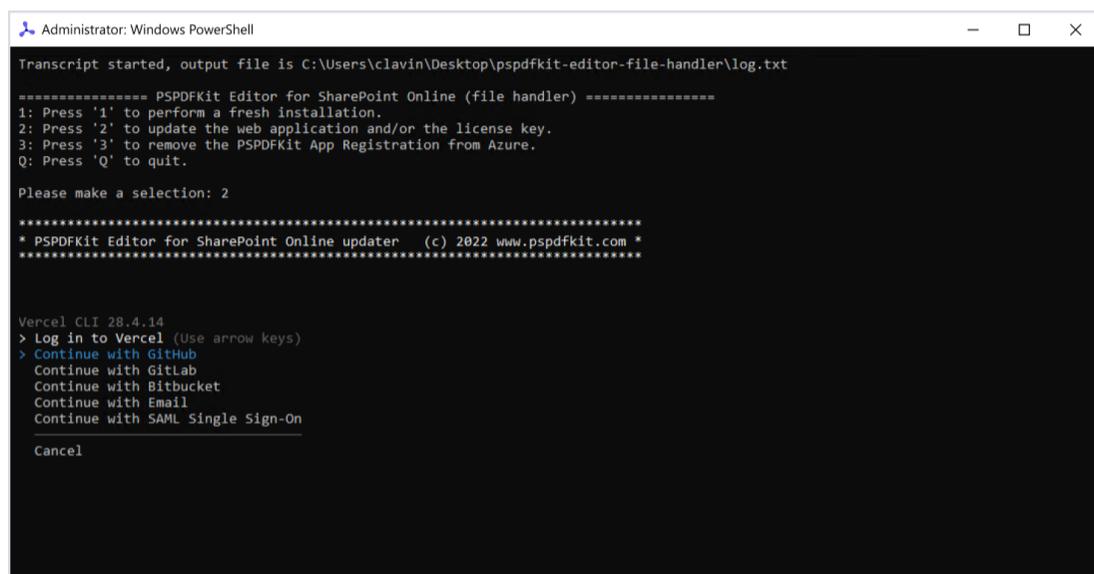
Updating the License

01

Run the **PSPDFKit Editor for SharePoint Online (file handler).exe** file in the folder. Make sure you're running the file as an administrator.

02

In the PowerShell window, press **2** to update the web application and/or the license file.



```
Administrator: Windows PowerShell
Transcript started, output file is C:\Users\clavin\Desktop\pspdfkit-editor-file-handler\log.txt
===== PSPDFKit Editor for SharePoint Online (file handler) =====
1: Press '1' to perform a fresh installation.
2: Press '2' to update the web application and/or the license key.
3: Press '3' to remove the PSPDFKit App Registration from Azure.
Q: Press 'Q' to quit.

Please make a selection: 2

=====
* PSPDFKit Editor for SharePoint Online updater (c) 2022 www.pspdfkit.com *
=====

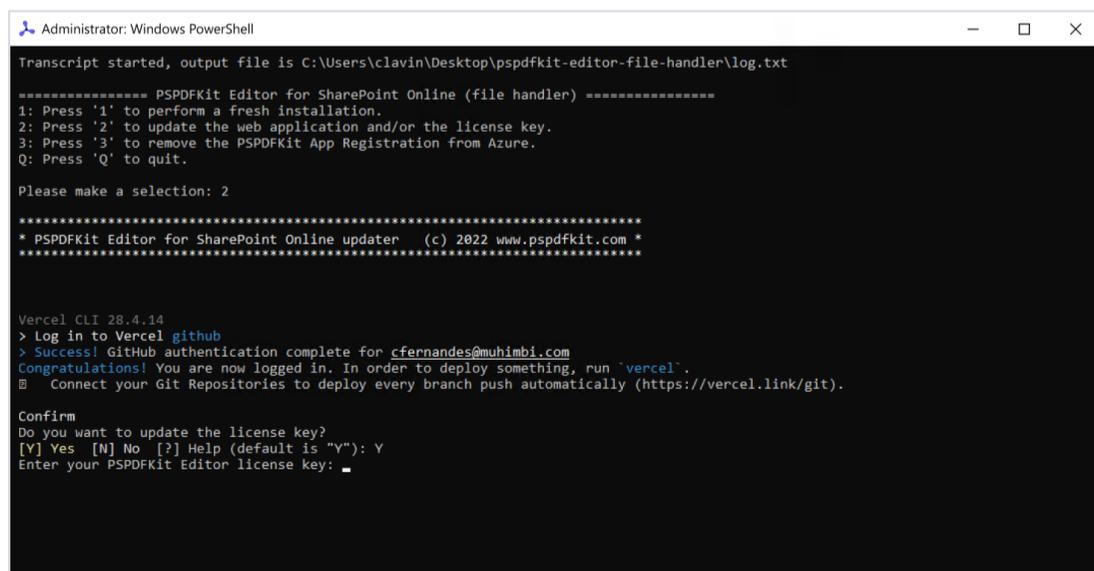
Vercel CLI 28.4.14
> Log in to Vercel (Use arrow keys)
> Continue with GitHub
> Continue with GitLab
> Continue with Bitbucket
> Continue with Email
> Continue with SAML Single Sign-On
> Cancel
```

03

Log in to your Vercel account using the PowerShell window. Use the login credentials you created during the registration step above.

04

Once you log in to Vercel, go back to the PowerShell window and confirm the deployment by typing **Y** into the command prompt. Then, enter your PSPDFKit Editor license key.



```
Administrator: Windows PowerShell
Transcript started, output file is C:\Users\clavin\Desktop\pspdfkit-editor-file-handler\log.txt
===== PSPDFKit Editor for SharePoint Online (file handler) =====
1: Press '1' to perform a fresh installation.
2: Press '2' to update the web application and/or the license key.
3: Press '3' to remove the PSPDFKit App Registration from Azure.
Q: Press 'Q' to quit.

Please make a selection: 2

=====
* PSPDFKit Editor for SharePoint Online updater (c) 2022 www.pspdfkit.com *
=====

Vercel CLI 28.4.14
> Log in to Vercel github
> Success! GitHub authentication complete for cferrnandes@muhibi.com
Congratulations! You are now logged in. In order to deploy something, run `vercel`.
[?] Connect your Git Repositories to deploy every branch push automatically (https://vercel.link/git).

Confirm
Do you want to update the license key?
[Y] Yes [N] No [?] Help (default is "Y"): Y
Enter your PSPDFKit Editor license key: █
```

Uninstalling PDF Editor for SharePoint

To uninstall PDF Editor for SharePoint, both parts of the solution – the Azure app registration and the Vercel application – need to be removed. The next sections outline how to do that.

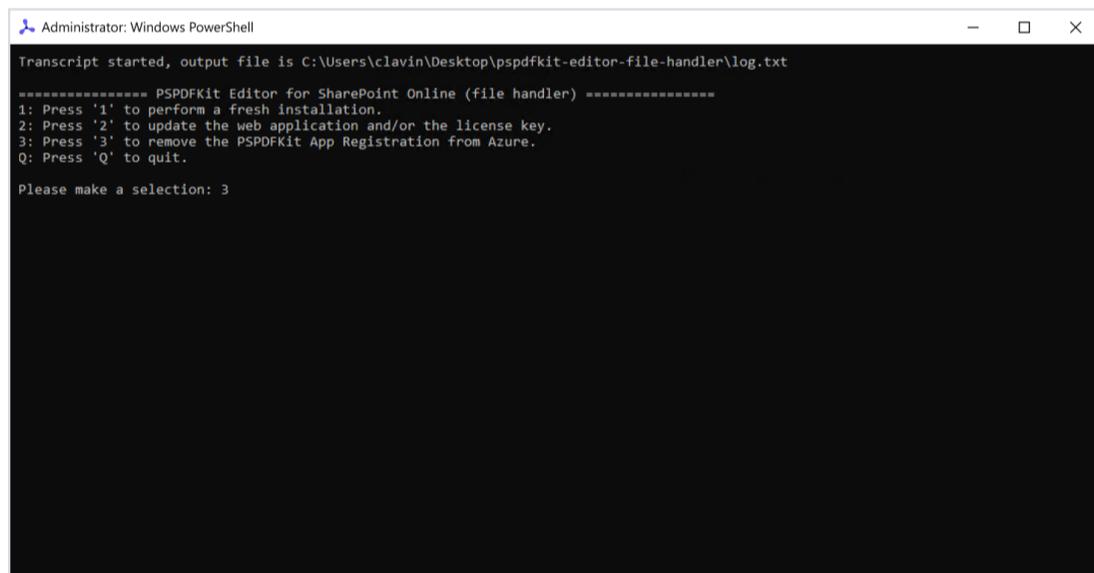
Removing the PSPDFKit App Registration

01

Run the **PSPDFKit Editor for SharePoint Online (file handler).exe** file in the folder. Make sure you're running the file as an administrator.

02

In the PowerShell window, press **3** to remove the PSPDFKit App Registration from Azure.



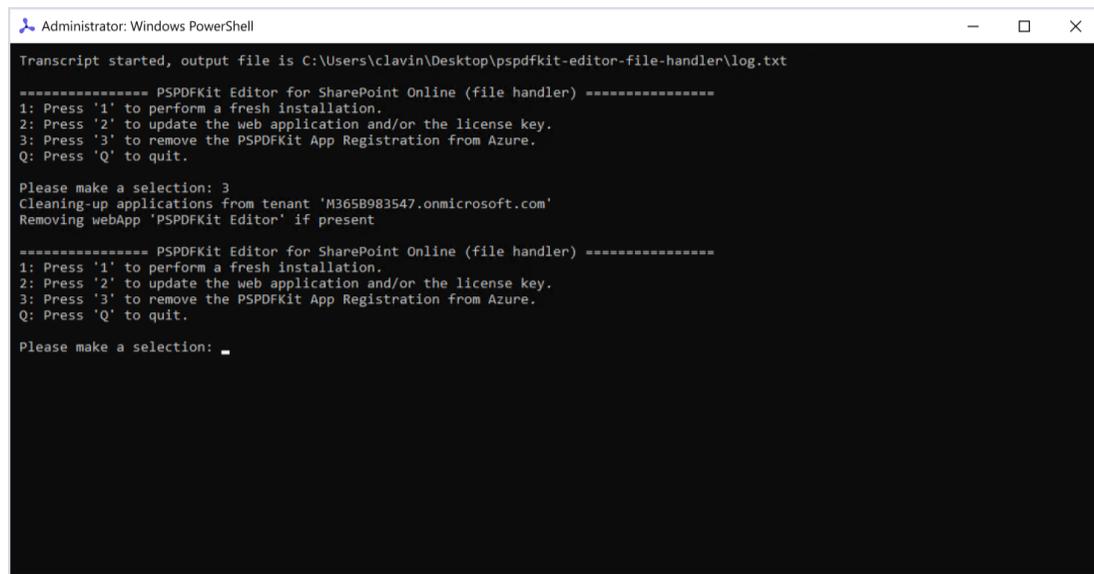
```
Administrator: Windows PowerShell
Transcript started, output file is C:\Users\clavin\Desktop\pspdfkit-editor-file-handler\log.txt
===== PSPDFKit Editor for SharePoint Online (file handler) =====
1: Press '1' to perform a fresh installation.
2: Press '2' to update the web application and/or the license key.
3: Press '3' to remove the PSPDFKit App Registration from Azure.
Q: Press 'Q' to quit.

Please make a selection: 3
```

03

In the next step, enter your login credentials (email and password).

Be sure to enter your administrator credentials – not your user credentials – because you'll need to log in to your Azure account to delete the app registration.



```
Administrator: Windows PowerShell
Transcript started, output file is C:\Users\clavin\Desktop\pspdfkit-editor-file-handler\log.txt
===== PSPDFKit Editor for SharePoint Online (file handler) =====
1: Press '1' to perform a fresh installation.
2: Press '2' to update the web application and/or the license key.
3: Press '3' to remove the PSPDFKit App Registration from Azure.
Q: Press 'Q' to quit.

Please make a selection: 3
Cleaning-up applications from tenant 'M365B983547.onmicrosoft.com'
Removing webApp 'PSPDFKit Editor' if present

===== PSPDFKit Editor for SharePoint Online (file handler) =====
1: Press '1' to perform a fresh installation.
2: Press '2' to update the web application and/or the license key.
3: Press '3' to remove the PSPDFKit App Registration from Azure.
Q: Press 'Q' to quit.

Please make a selection: _
```

04

Press **Q** to Quit.

Removing the Vercel Application

01

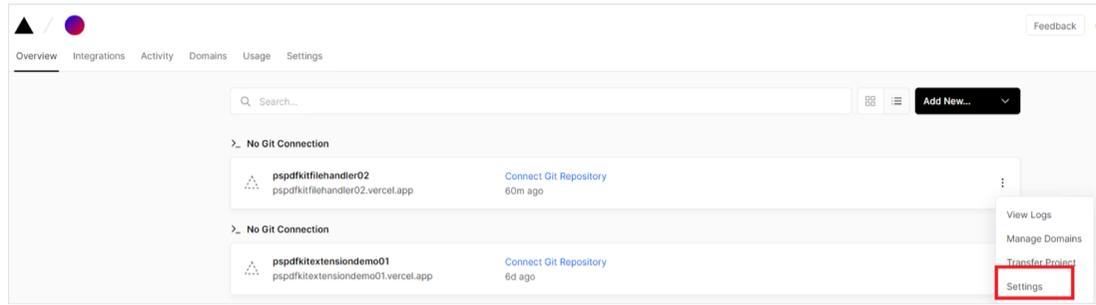
Open your browser and log in to <https://vercel.com>

02

Navigate to the [Project Overview](#) page of the project where the specific deployment is located, and click the Deployments tab.

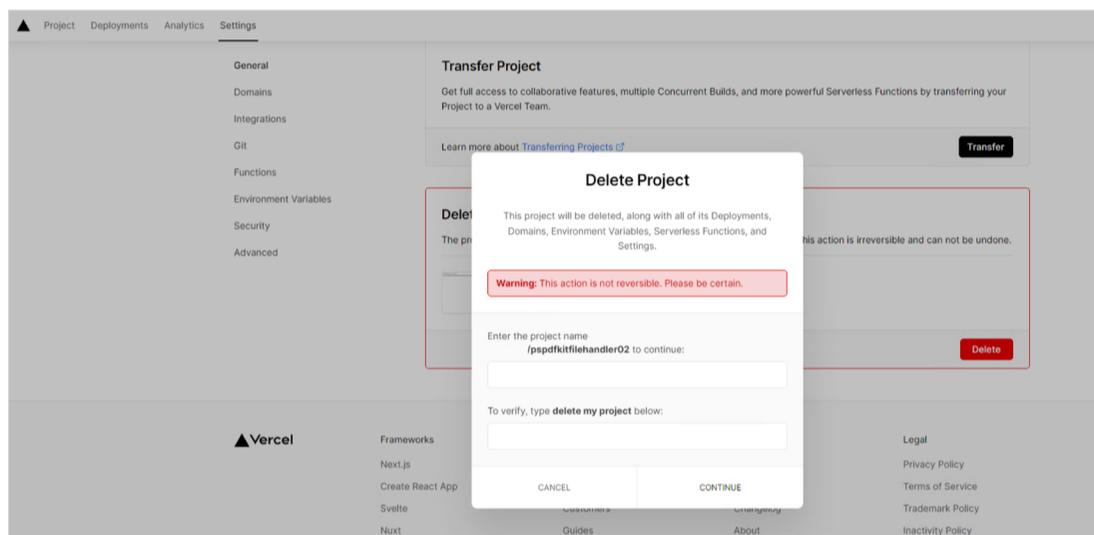
03

Select the deployment you'd like to delete from the list, and choose **Settings**.



04

Scroll down to the bottom of the page and click **Delete**. Enter the project name in the first field, and type **delete my project** in the second field.



WARNING: Deleting an individual deployment is a permanent, irreversible action.



Aquaforest

Part of PSPDFKit

© Muhimbi Ltd.

23 Chestnut Drive,
St. Albans,
AL40ER,
United Kingdom

[Learn More About Our Company](#)

© Aquaforest Ltd.

Midshires House,
Midshires Business Park,
Smeaton Close, Aylesbury BUCKS
HP19 8HL, United Kingdom

[Learn More About Our Company](#)