

Sharepoint Integration

Generate ClientID and SecretKey which never expires

Create a Sharepoint App

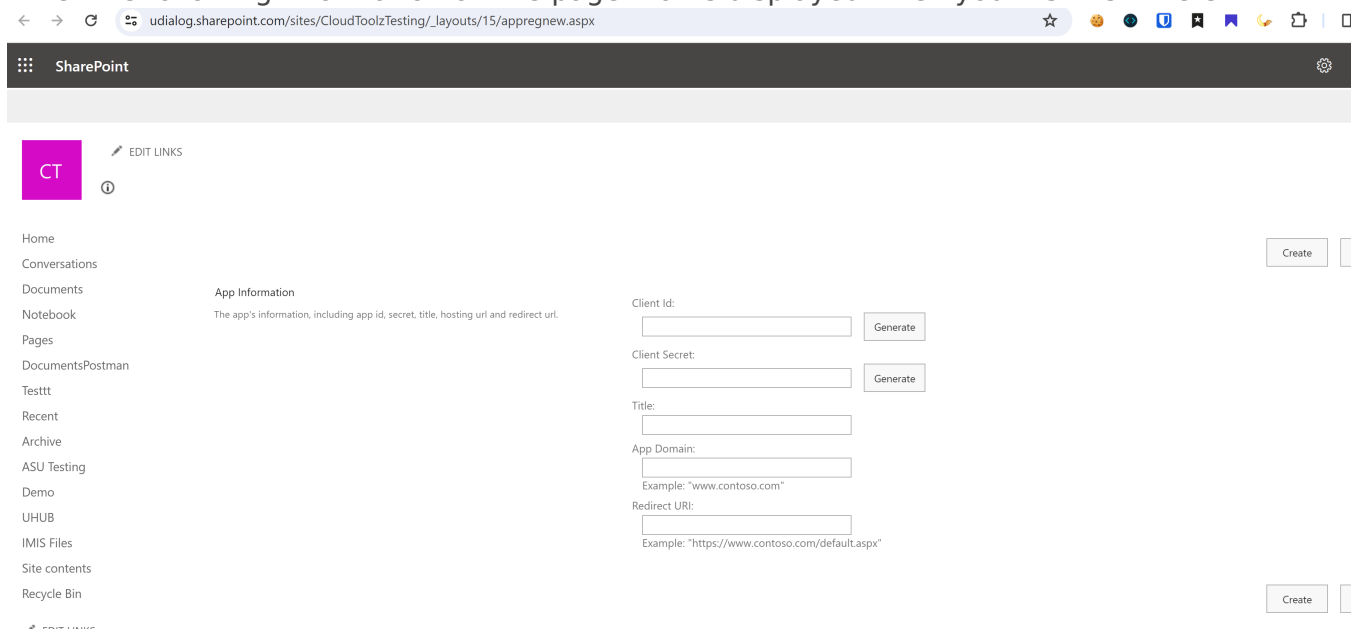
Step 1 : Register the Add-In

1. Log in with an admin account on the parent site, and then go to the following URL:

https://sitename.sharepoint.com/sites/subsitename/_layouts/15/appregnew.aspx

- **For sites:** Replace the `<sitename>` in the above URL with your site name.
For example, if your SharePoint site is `https://abcd.sharepoint.com`, then replace the `<sitename>` with **udialog**.
- **For subsites:** To add subsites, append your subsite name to the site URL.
For example, if your subsite URL is of the form:
`https://udialog.sharepoint.com/sites/CloudToolzTesting`, then the above URL is
https://udialog.sharepoint.com/sites/CloudToolzTesting/_layouts/15/appregnew.aspx

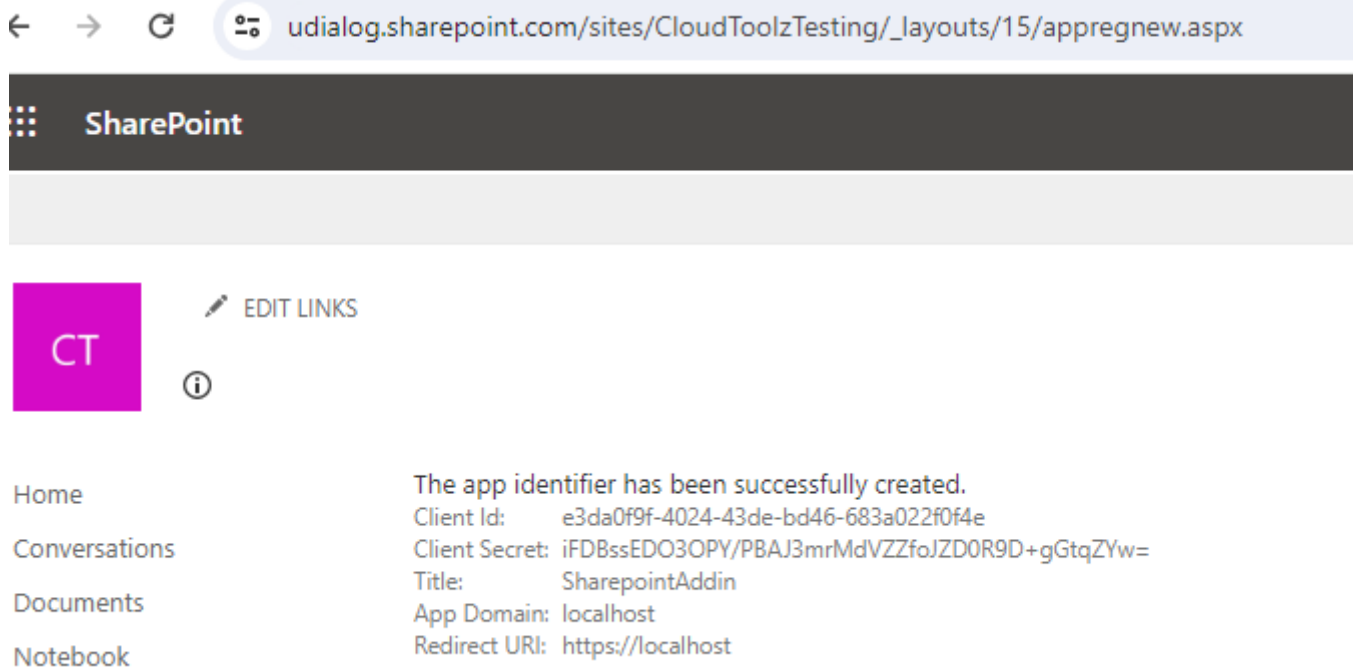
2. Enter the following information on the page that is displayed when you first visit the URL.



The screenshot shows the 'App Information' page in a SharePoint environment. The browser address bar displays the URL: `udialog.sharepoint.com/sites/CloudToolzTesting/_layouts/15/appregnew.aspx`. The page header includes the 'SharePoint' logo and a settings icon. A left-hand navigation pane lists various site components like Home, Conversations, Documents, and Recent. The main content area is titled 'App Information' and includes a description: 'The app's information, including app id, secret, title, hosting url and redirect url.' On the right side, there are four input fields with corresponding 'Generate' buttons: 'Client Id:', 'Client Secret:', 'Title:', and 'App Domain:'. Below the 'App Domain' field, an example is provided: 'Example: "www.contoso.com"'. At the bottom, there is a 'Redirect URI:' field with an example: 'Example: "https://www.contoso.com/default.aspx"'. 'Create' buttons are visible in the top right and bottom right corners of the form area.

- In the **App Information** section, click the **Generate** button next to the **Client Id** and **Client Secret text** boxes to generate the respective values.
- In the **Title** textbox, enter the **Add-In**.
- In the **App Domain** text box, enter the **localhost**.
- In the **Redirect URL** text box, enter <https://localhost>

3. Click **Create**. The Add-in is registered, and the following message is displayed.



Step 2: Grant Permissions for the Add-in

Once the Add-In is registered, the next step is to set the permissions for that add-in to access the SharePoint data.

- Go to the following URL in the browser.
 - **For sites:** Replace the `<sitename>` in the above URL with your site name. For example, if your SharePoint site is <https://udialog.sharepoint.com>, then replace the `<sitename>` with **udialog**.
 - **For subsites:** To add subsites, append your subsite name to the site URL. For example, if your subsite URL is of the form: <https://udialog.sharepoint.com/sites/CloudToolzTesting>, then the above URL is https://udialog.sharepoint.com/sites/CloudToolzTesting/_layouts/15/appinv.aspx

This redirects to the Grant permission page.

- Enter the Client ID (which you have generated earlier) in the **App Id** textbox, and click the **Lookup** button.

- In the **App's Permission Request XML** section, enter the following permission request in XML format.

```
<AppPermissionRequests AllowAppOnlyPolicy="true">
  <AppPermissionRequest Scope="http://sharepoint/content/sitecollection/web"
    Right="FullControl"/>
</AppPermissionRequests>
```

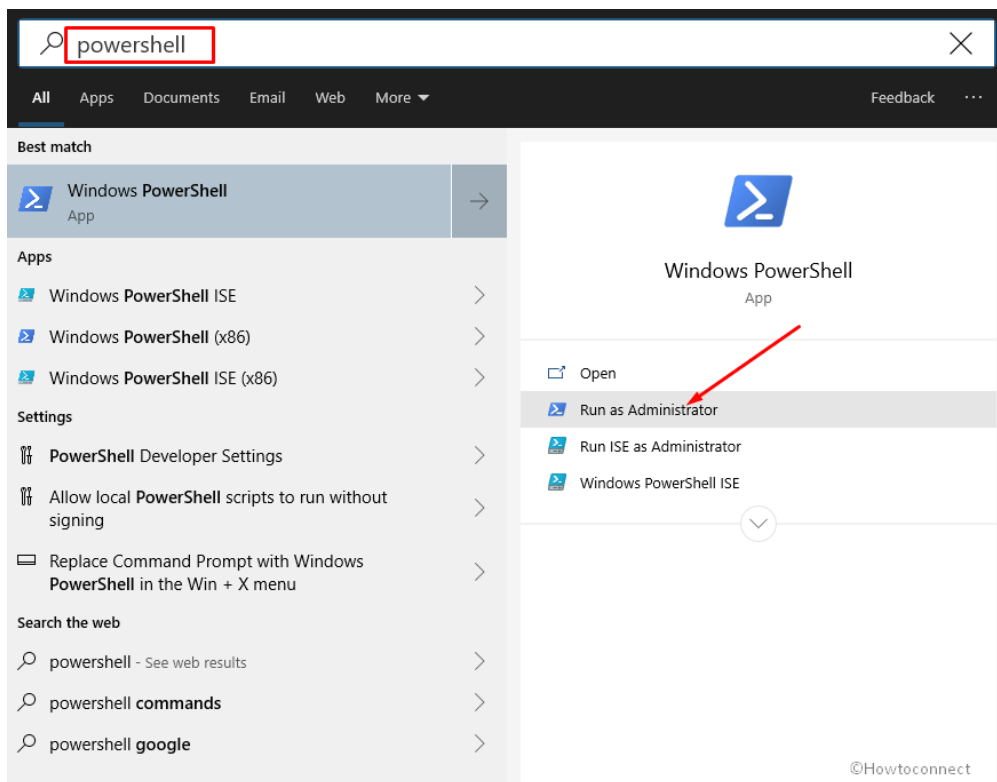
- Click **Create**.
- Click **Trust It** to trust the add-in to read items from your website.

Note: The Client ID (or App ID) and client secret registered through SharePoint Online's `/_layouts/15/AppRegNew.aspx` has a validity of 1 year.

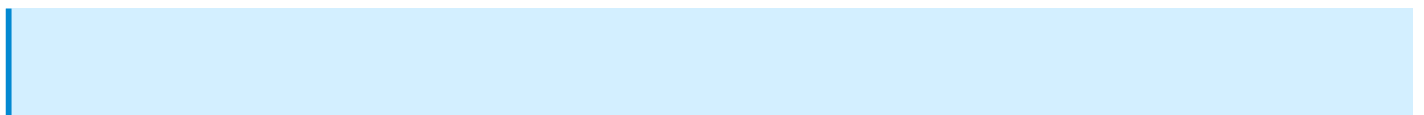
Extend the validity of the App

Here are the steps to execute a PowerShell script to extend the validity of a given app's client secret by 100 years::

Step 1: Open Windows PowerShell as administrator:



Step 2: Put the script from below and press Enter:



Note: Please paste your current SharePoint Client ID and secret key (\$ClientID, \$ClientSecret) (which you have generated earlier) to the script.

```
if (!(Get-Module AzureAD))
{
    try
    {
        Install-Module AzureAD -Confirm:$false -Force -ErrorAction Stop
        import-module AzureAD
    }
    catch
    {
        $Error[0]
    }
}

# Parameters
$ClientID = "6b78b55e-b8bf-4303-90ae-5c50efe14b94"
$ClientSecret= "NT38Q~v1knvnYk9H._8JcQ4mgsczaqpWwJ7yda0"

# Connect to AzureAD
Connect-AzureAD

# Get the Client ID
$App = Get-AzureADServicePrincipal -All $true | Where-Object {$_.AppID -eq $ClientID}

# Get the Current Expiry Date
$CurrentExpiryDate = (Get-AzureADServicePrincipalPasswordCredential -ObjectId
$App.ObjectId).EndDate
Write-host "Current Expiry Date:" $CurrentExpiryDate -BackgroundColor Green

# Extend the validity of the App by 100 years
$StartDate = Get-Date
$EndDate = $StartDate.AddYears(100)
New-AzureADServicePrincipalPasswordCredential -ObjectId $App.ObjectId -StartDate $StartDate -
EndDate $EndDate -Value $ClientSecret
New-AzureADServicePrincipalKeyCredential -ObjectId $App.ObjectId -StartDate $StartDate -
EndDate $EndDate -Value $ClientSecret

# Get the New Expiry Date
```

```
$CurrentExpiryDate = (Get-AzureADServicePrincipalPasswordCredential -ObjectId  
$App.ObjectId).EndDate  
Write-host "New Expiry Date:" $CurrentExpiryDate -BackgroundColor Green
```

Administrator: Windows PowerShell

```
Windows PowerShell  
Copyright (C) Microsoft Corporation. All rights reserved.  
  
Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows  
  
PS C:\WINDOWS\system32> if (!(Get-Module AzureAD))  
>> {  
>>   try  
>>   {  
>>     Install-Module AzureAD -Confirm:$false -Force -ErrorAction Stop  
>>     import-module AzureAD  
>>   }  
>>   catch  
>>   {  
>>     $Error[0]  
>>   }  
>> }  
>>  
>> # Parameters  
>> $ClientID = "e3da0f9f-4024-43de-bd46-683a022f0f4e"  
>> $ClientSecret= "iFDBssED030PY/PBAJ3mrMdVZZfoJZD0R9D+gGtqZYw="  
>>  
>> # Connect to AzureAD  
>> Connect-AzureAD  
>>  
>> # Get the Client ID  
>> $App = Get-AzureADServicePrincipal -All $true | Where-Object {$_.AppID -eq $ClientID}  
>>  
>> # Get the Current Expiry Date  
>> $CurrentExpiryDate = (Get-AzureADServicePrincipalPasswordCredential -ObjectId $App.ObjectId).EndDate  
>> Write-host "Current Expiry Date:" $CurrentExpiryDate -BackgroundColor Green  
>>  
>> # Extend the validity of the App by 100 years  
>> $StartDate = Get-Date  
>> $EndDate = $StartDate.AddYears(100)  
>> New-AzureADServicePrincipalPasswordCredential -ObjectId $App.ObjectId -StartDate $StartDate -EndDate $EndDate -Value $ClientSecret  
>> New-AzureADServicePrincipalKeyCredential -ObjectId $App.ObjectId -StartDate $StartDate -EndDate $EndDate -Value $ClientSecret  
>>  
>> # Get the New Expiry Date  
>> $NewExpiryDate = (Get-AzureADServicePrincipalPasswordCredential -ObjectId $App.ObjectId).EndDate  
>> Write-host "New Expiry Date:" $NewExpiryDate -BackgroundColor Green
```

Step 3: Enter credentials of user with Global Admin permissions to Office 365 tenant:



Sign in

[Can't access your account?](#)

Next

Enter password

Password

[Forgot my password](#)

Sign in

Step 4: Find expression End Date property in the output of the script:

```
WARNING: Install the latest PowerShell module, the Microsoft Graph PowerShell SDK, for new features and improvements! https://aka.ms/graphPSmigration
Current Expiry Date: 4/11/2025 2:42:54 PM
Account Environment TenantId TenantDomain AccountType
-----
ohir@zentso.com AzureCloud 6820b1f2-41bd-4277-b57f-2befbac367e9 zentso.com User

CustomKeyIdentifier :
EndDate             : 4/11/2124 4:45:43 PM
KeyId               : 
StartDate           : 4/11/2024 4:45:43 PM
Value               : iFDBssEDO3OPY/PBAJ3mrMdVZZfoJZD0R9D+gGtqZYw=

CustomKeyIdentifier :
EndDate             : 4/11/2124 4:45:43 PM
KeyId               : 5687385f-4cc7-4a3f-8202-8eb6da799451
StartDate           : 4/11/2024 4:45:43 PM
Type                : Symmetric
Usage               : Sign
Value               : {105, 70, 68, 66...}

New Expiry Date: 4/11/2124 2:45:43 PM 4/11/2025 2:42:54 PM

PS C:\WINDOWS\system32>
```

Revision #7

Created 11 April 2024 14:50:13

Updated 16 June 2025 17:24:54