**Internal Only**

**Project**: Python App Using Site Collection App Permissions Instead of User Credential

Prepared by: Vincent Cheng

Company: Macys Merchandising Group International (HK) LTD.

Date: 11/4/21

------------------------------------------------------------------------------------------------------------------------------------------

**Register an App**

https://macysinc.sharepoint.com/sites/OSO/\_layouts/15/appregnew.aspx

The app identifier has been successfully created.

Client Id: 42e8f0a6-aa09-4833-bdfa-6e27f60df7b0

Client Secret: D8iBldyvflj2iQnEOQY04/O84+JTAqzTqWpTmm6EZu0=

Title: StressTest

App Domain: www.macysinc.com

Redirect URI: https://localhost

**Grant Permission to an App**

https://macysinc.sharepoint.com/sites/OSO/\_layouts/15/appinv.aspx

<AppPermissionRequests AllowAppOnlyPolicy="true">

<AppPermissionRequest Scope="http://sharepoint/content/sitecollection" Right="FullControl"/>

<AppPermissionRequest Scope="http://sharepoint/content/sitecollection/web" Right="FullControl"/>

</AppPermissionRequests>

**To delete or see App**

Site Settings -> Site Collection App Permissions

<https://macysinc.sharepoint.com/sites/OSO/_layouts/15/appprincipals.aspx>

**Code Example:**

****

**References:**

[**https://piyushksingh.com/2018/12/26/register-app-in-sharepoint/**](https://piyushksingh.com/2018/12/26/register-app-in-sharepoint/)

[**https://stackoverflow.com/questions/58122145/microsoft-sharepoint-authentication-using-python**](https://stackoverflow.com/questions/58122145/microsoft-sharepoint-authentication-using-python)

[**https://docs.microsoft.com/en-us/answers/questions/78034/how-to-connect-python-program-to-sharepoint-rest-a.html**](https://docs.microsoft.com/en-us/answers/questions/78034/how-to-connect-python-program-to-sharepoint-rest-a.html)