swoosh

Command Module Install

User Guide

For Swoosh.cloud

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Contents

Install and Configuration User Guide

Welcome to your first step in enabling Swoosh within your Microsoft 365 environment. By now your nominated IT partner will have given you a run-through of the Swoosh platform, including the use of Swoosh Mission Control.

Now that you've registered within the platform, it's time to the Swoosh Command Module installed into your Microsoft 365 environment so that you can purchase, deploy and control application within your tenant.

This guide has been created to help you install and configure the Command Module, which will:

- **Allow you to configure the key settings around deployed Swoosh Applications**
- **Give you the key licensing details for deployed Swoosh applications, including expiry dates**
- **Provide Swoosh Mission Control with the key information it needs to securely assign licensing information.**
- **Ensure you have a process to submit tickets for support, training or even request feature upgrades**
- **Provide you with useful information about Swoosh applications deployed into your M365 tenant**
- **Allow you to export the application list and setting in a JSON format**

This guide goes through each step of manual configuration as opposed to using a 'wizard' install. This way, if you deploy Swoosh into a high security or complex environment, you know everything that occurs.

Pre-Requisites

Getting the Command Module installed into your Microsoft 365 tenant means that you need a few permissions:

1. **A valid Microsoft 365 tenant to correspond to your Swoosh registration in Mission Control.**

2. **A Microsoft 365 account that has Global Administrator rights within your Microsoft 365 Tenant. This is so you can authorise on behalf of the organisation.**

3. **You must be able to install and configure the Command Module as instructed within this guide using a single account.**

Note: If you are installing and configuring Swoosh on behalf of your client, you must use a user account with sufficient permission within the tenant domain. Delegated Administration accounts can cause issues and are not recommended.

M365 Configuration Centre Deployment and Walk-Through

Microsoft 365 environments can be complex, with multiple moving parts all working together in order to give the greatest number of functions to the largest amount of people.

To get the most out of a Swoosh enabled environment, there are a few settings that need to be configured. In most cases, these settings are all ready to go before you start Swoosh. However, the following section outlines the core settings so you can validate everything is ready before deploying the Swoosh Command Module function.

Step 1 - Downloading the Command Module

The first thing we need to do is download and install the Swoosh Command Module.

To do this, use the following process:

1. **Log in to the Swoosh Admin portal at www.swoosh.cloud**
2. **From the 'Apps' page, locate the 'Swoosh Command Module'**
3. **Click the 'Download App' icon for the latest version of the app and save the file 'Swoosh365Command Module.sppkg'**
4. **You can save this to a location that makes sense, for example your 'Downloads' folder or your desktop.**
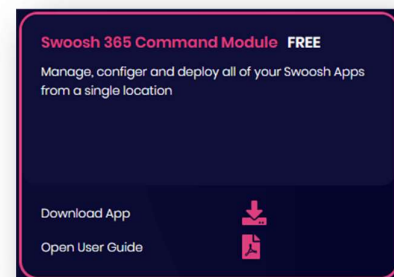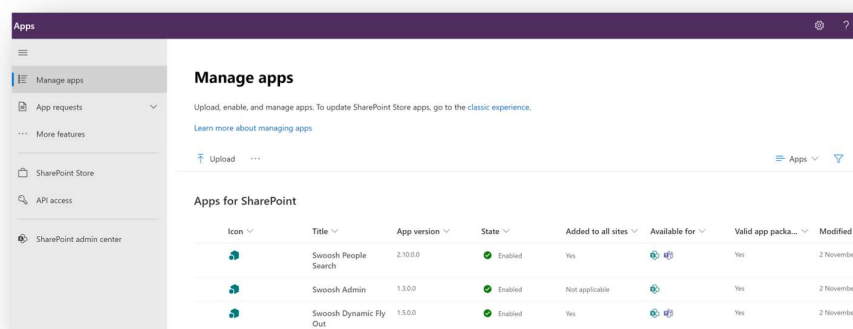

Step 2 - Installing Microsoft SPFX Web Parts

Within the Microsoft 365 ecosystem, the 'apps catalogue' has been created as a central location for configuring SPFX web parts.

1. **To access the apps catalogue, Go to the URL:**
   https://{tenant name}.sharepoint.com/sites/appcatlog/_layouts/15/tenantAppCatalog.aspx/manageApps

   The screen that you see should be similar to this one:


Note this guide covers Modern Mode, not Classic Mode deployments.

2. Click 'Upload' to upload your SPFX Package. In this case, we will be uploading the 'SwooshCommand Module.sppkg'

3. Once the package is uploaded, you may need to refresh the screen after a few seconds if the package has not appeared.

4. When the app has loaded, you may be presented with an 'Enable app' dialogue based on your tenant settings. Read the information, and click the "Enable app" button.

5. Based on your tenant settings you may be requested to Approve access for the app through the SharePoint API, if this question is asked, refer to STEP 3 below.

Note: Swoosh Command Module asks for two Microsoft Graph API permissions in order to exchange licensing information between Swoosh Command Module and Swoosh Mission Control. These graph API requests are:

- *Microsoft Graph, User.Read.All*
- *Microsoft Graph, Organisation.Read.All*

6. If you are uploading this as an update to an existing package, please note you may need to first select the package and 'check it in'.

7. If this is the first time deploying the Command Module, then you will be prompted with a Microsoft dialogue and 'checkbox' to deploy the application globally, and accept a set of permissions allowing the Command Module to function correctly within your Microsoft 365 tenant.

Be sure to bookmark the SharePoint app catalogue, as troubleshooting applications can be done easier from this site. Items such as security/graph permissions or versions can be easier to find here than on any other part of the M365 site.
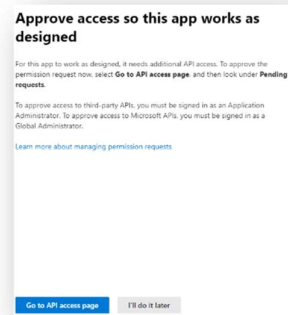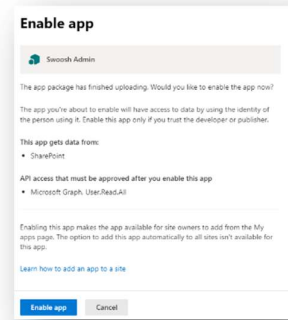
Step 3 - SharePoint Authorisation (Advanced/Optional)

It is unlikely you will need to perform this step however, should you need to check, you can see if the correct permissions have been granted through the following SharePoint Administration console.

https://{tenant name}- admin.sharepoint.com/_layouts/15/online/AdminHome.aspx#/webApiPermissionManagement
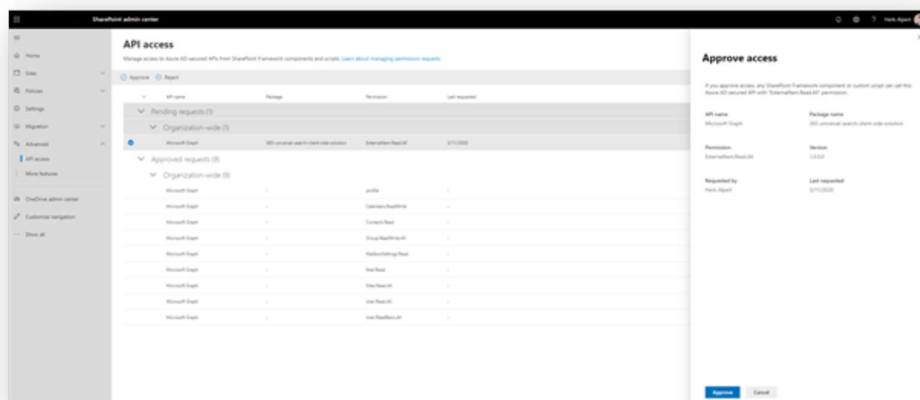
If the permissions have not been set, select the 'Swoosh*' package from the Pending requests and click 'Approve'.

## Step 4 - Microsoft Azure Portal Authorisation (Advanced/Optional)

If the SharePoint Authorisation process above has been completed and configured correctly, then this step should not be required.

You can also manually set these permissions in the Azure Portal from App Registrations
Select 'All Applications', and 'SharePoint Online Client Extensibility Web Application Principal'.

If any of the above permissions are missing, you can select 'Add a Permission', 'Graph Delegated Permissions', then add the missing permission from the list.

To avoid seeing the following error in the TEAMS Client, ensure that the Admittatur Consent Required is set to Yes

AADSTS65001: The user or administrator has not consented to use the application with ID '00000003-0000-0ff1-ce00-000000000000' named 'Office 365 SharePoint Online'. Send an interactive authorization request for this user and resource
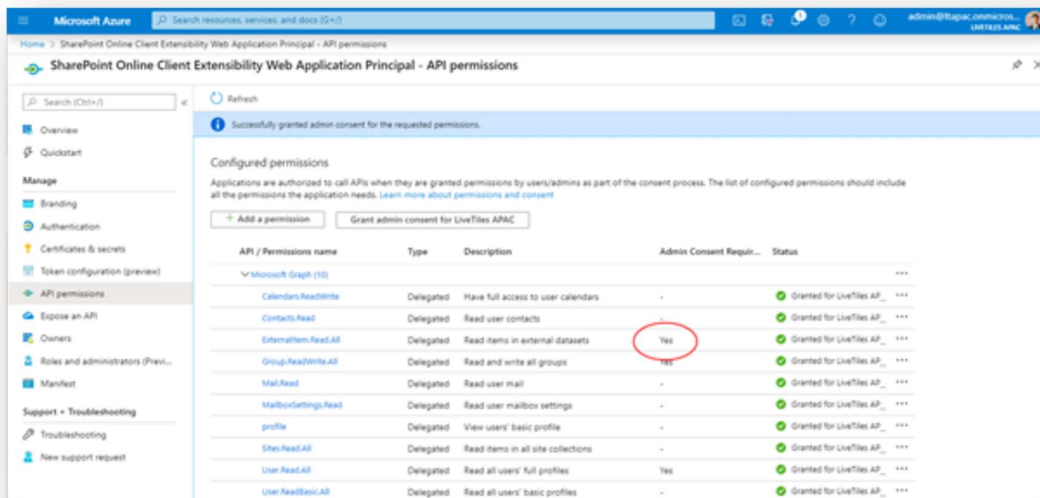
Step 5 – Deploy the Command Module Web Part

With all the background work completed, the next step is to deploy a SharePoint site for the Command module. To do this use the following process:

1. Navigate to 'https://{yourtenant}-admin.sharepoint.com'

2. From the left side menu, expand 'Sites' and click the 'Active sites' option

3. Click 'Create' from the Active sites page

4. Select 'Create a communication site' and complete the site with the following details:

   Site Name: CommandModule
   Site Address: Leave it with the default
   Site Owner: Your Global Admin account
   Select a Language: Leave it with the default

   You can change the Advanced settings if required, however, it is not crucial for the site.

5. Click Finish

6. Navigate to your new Command Module site */sites/CommandModule*

7. On the home page click the '+ New' option on the page and select 'App'

8. On the My Apps page, locate the 'Swoosh Command Module' application and click 'Add'

9. Return to the site home page

10. Click 'Edit' to enter the edit mode for the page and clear all the default web parts from the page, leaving a single section for the command module web part.

11. Add the Command Module web part by clicking the '---+---' button that appears on the top of the section and scroll the down the available web parts until you find the 'Command Module'

12. The web part will appear on the page and you will see a notification/dialogue pop up that the Command Module is missing the Swoosh Client ID.
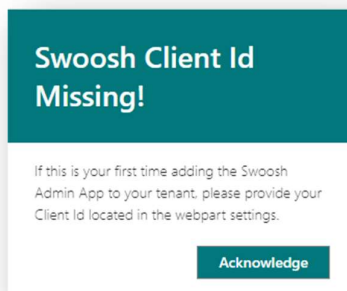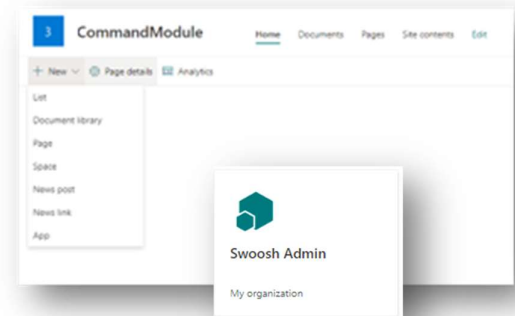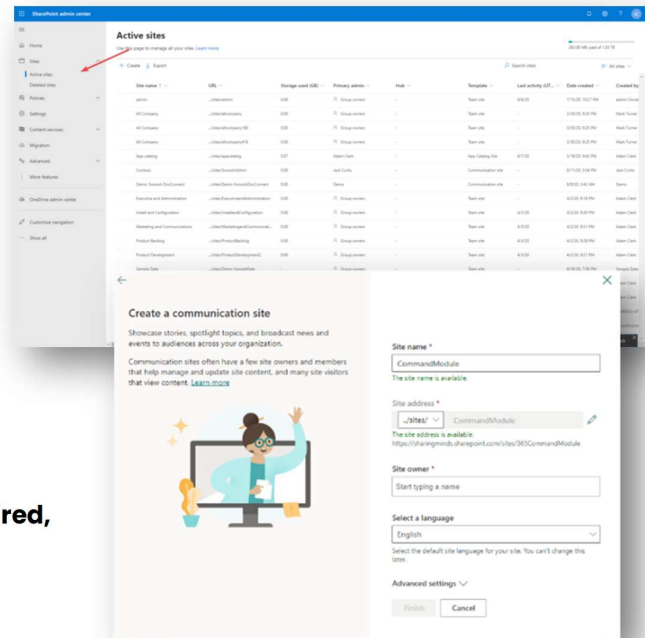
13. Click 'Acknowledge'

Step 6 – Connecting the Command Module to Mission Control

We're almost there. The next step is to connect the Command Module (which allows the configuration of all the Swoosh managed applications) to the main Swoosh database managed by Mission Control.

To do that:

1. **Log into Mission Control through the Swoosh Web Site at www.swoosh.cloud**
2. **From the clients list select the client that you are configuring Swoosh for.**
3. **When you have selected the client, you will see the unique GUID that is the client ID.**
4. **Validate that the Client ID is for the listed tenant domain and then copy the GUID.**

    NOTE: The Client ID must be correct or you will receive an error on configuration due to security.

5. **On the Mission Control home page that you created during Step 5, enter Edit mode for the page then hover over the Command Module web part and click the 'edit' icon.**
6. **In the field 'Your ClientID' enter the GUID you copied from Mission Control.**
7. **Save and Publish the page.**

What has just happened is that you have linked the Command Module to Mission Control. Now any applications that have been deployed from Swoosh will be available here for your unique configuration.

Within the Command Module, you can configure settings for applications, view the license details and export the application JSON if advanced troubleshooting is required.

More Information

Now that you have the most complex part of getting Swoosh configured, you are free to use the platform as required. There are plenty of apps available in Mission Control that can help you in all the Microsoft 365 applications including, SharePoint/Teams, Dynamics and Power Platform and there are more being added regularly from developers all over the world.

If you're looking for more information about what's next in Swoosh, check out these guides:

- Locating and purchasing applications through the Swoosh marketplace
- Deploying, activating and configuring applications
- Understanding Licensing and renewal
- Adding new licenses through Swoosh

Of course, if you experience issues please log a ticket for your client or application in Mission Control through www.swoosh.cloud or you can send us a help request via email at helpdesk@swoosh.cloud