


Microsoft SharePoint

Overview of the Microsoft SharePoint integration.

 The following documentation is for **Microsoft SharePoint v2.2.5**.


Overview

Microsoft SharePoint offers enterprise content management and collaboration platform for document sharing and team sites. This integration enables automated document workflows, content management, and team collaboration processes. Enhance organizational knowledge sharing and streamline document management.

Setup

The following integrations need to be connected to your Kognitos workspace:

- **Microsoft SharePoint**
- **Microsoft Office 365**

 Note: The **Microsoft SharePoint** integration depends on **Microsoft Office 365** for core Microsoft capabilities.

Steps

Follow these steps to connect the integration in Kognitos:

1 Navigate

Using the left navigation menu, go to **Integrations** → **Explore Integrations**.

2 Find

Search for the integration and click on it.

3 Connect

Click on **Connect** to add a connection to the integration.

4 Configure

Add a name for the connection. You'll be prompted for **authentication** details if needed. Then, click on **Connect**.

Credentials & Permissions

To use the Microsoft SharePoint integration, you need to create an app registration in Microsoft Entra ID (formerly Azure AD) to obtain **credentials** and configure the appropriate **permissions**.

1 Sign in to the Azure Portal

Navigate to portal.azure.com with an account that has permissions to manage applications. From the main dashboard, select **Microsoft Entra ID** (under **Azure Services**).

2 Create a New App Registration

1. Click on **+ Add** and select **App registration**.
2. Enter a **Name** for the app. For example: "Kognitos SharePoint Integration".
3. Under **Supported account types**, choose "Accounts in this organizational directory only".
4. Leave the **Redirect URI** field blank.
5. Click on **Register** to create the app.




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Capture the Client ID and Tenant ID










After creating the app, you'll land on its **Overview** page. Copy the **Application (client) ID** and **Directory (tenant) ID** from this page.

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Kognitos SharePoint Book Integration ...

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^ Essentials

Display name : [Kognitos SharePoint Book Integration](#)

Application (client) ID : **XXXXXXXX-XXXX-XXXX-XXXX-XXXXXXXXXXXX**

Object ID : XXXXXXXX-XXXX-XXXX-XXXX-XXXXXXXXXXXX

Directory (tenant) ID : **XXXXXXXX-XXXX-XXXX-XXXX-XXXXXXXXXXXX**

Supported account types : [My organization only](#)

 Starting June 30th, 2020 we will no longer add any new features to Azure Active Directory Authentication security updates but we will no longer provide feature updates. Applications will need to be upgraded to

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Generate a Client Secret

1. Click on **Manage** on the left.
2. Select **API Permissions** from the dropdown menu.
3. Under **Client Secrets**, click on **+ New client secret**.
4. Enter a description for the secret and choose an expiration period.
5. Click **Add**. Copy the Secret's **Value** as your **Client Secret**.

⚠ Client secret values cannot be viewed except immediately after creation. Be sure to save the secret when it is created before leaving the page!

Kognitos SharePoint Book Integration | Certificates & secrets

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Got a second to give us some feedback? →

Credentials enable confidential applications to identify themselves to the authentication service when receiving tokens at a web addressable location (using an HTTPS scheme). For a higher level of assurance, we recommend using a certificate (instead of a client secret) as a credential.

Application registration certificates, secrets and federated credentials can be found in the tabs below.

Certificates (0) **Client secrets (1)** Federated credentials (0)

A secret string that the application uses to prove its identity when requesting a token. Also can be referred to as application password.

+ New client secret

Description	Expires	Value	Secret ID
app client secre	12/6/2025	<input type="text"/>	<input type="text"/>

Assign API Permissions

1. In the app registration page, click on **Manage** in the left navigation.
2. Select **API Permissions** from the dropdown menu.
3. Click on **+ Add a permission**, then select **Microsoft Graph**.
4. Choose **Application permissions**, as the integration will access SharePoint without a signed-in user.
5. Choose **one** of the following permission options:
 - a. **Option A - Least Privileged** (*Recommended for security-sensitive environments*)
 - i. Search for and select the following permission: **Sites.Selected**
 - ii. Click **Add permissions**.
 - iii. Grant the application access to specific SharePoint sites:
 1. Retrieve the SharePoint Site ID:
 - a. Log in to SharePoint and open the target site.
 - b. Append `/_api/site/id` to the site URL.
 - c. From the response, copy the value under **Edm.Guid** (this is the Site ID).
 2. Using an account or application with elevated SharePoint permissions, run the following Microsoft Graph API request to authorize the app for that site:

```
POST
https://graph.microsoft.com/v1.0/sites/{siteId}/permissions
Content-Type: application/json

{
  "roles": ["FullControl"],
  "grantedToIdentities": [{
    "application": {
      "id": "<App ID>",
      "displayName": "<App Name>"
    }
  }]
}
```

3. Repeat this process for each SharePoint site the application needs to access.

b. Option B - Broad Access: Permissions to All SharePoint Sites

i. Search for and select the following permissions:

1. **Sites.Read.All**
2. **Sites.ReadWrite.All**
3. **Sites.Manage.All**
4. **Sites.FullControl.All**

ii. Click **Add permissions**.

The screenshot displays the Microsoft Graph API permissions configuration interface. On the left, the navigation pane shows 'API permissions' selected for the application 'Kognitos SharePoint Book Integration'. The main content area is titled 'Request API permissions' and shows the 'Microsoft Graph' API. A search for 'Sites.Manage.All' has been performed, and the permission 'Sites.Manage.All' is selected. The 'Admin consent required' column shows 'Yes' for this permission. The 'Add permissions' button is highlighted.

API / Permissions name	Type	Description
Microsoft Graph (1)		
User.Read	Delegated	Sign in and read user profile

Permission	Admin consent required
Sites (1)	
<input checked="" type="checkbox"/> Sites.Manage.All Create, edit, and delete items and lists in all site collections	Yes

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Grant Admin Consent

On the **API permissions** screen, click on **Grant admin consent for [Your Organization Name]** button, then select **Yes**. This authorizes the application to use the permissions you assigned across your organization.

All services > Kognitos SharePoint Book Integration

Kognitos SharePoint Book Integration | API permissions

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Successfully granted admin consent for the requested permissions.
Granting tenant-wide consent may revoke permissions that have already been granted tenant-wide for that application. Permissions that users have already granted on their own behalf are not affected.

The "Admin consent required" column shows the default value for an organization. However, user consent can be customized per permission, user, or app. This column may not reflect the value for users or in organizations where this app will be used. [Learn more](#)

Configured permissions

Applications are authorized to call APIs when they are granted permissions by users/admins as part of the consent process. The list of configured permissions should include all the permissions the application needs. [Learn more about permissions and consent](#)

+ Add a permission Grant admin consent for Kognitos

API / Permissions name	Type	Grant admin consent for Kognitos	Admin consent required	Status
Microsoft Graph (5)				
Sites.FullControl.All	Application	Have full control of all site collections	Yes	Granted for Kognitos
Sites.Manage.All	Application	Create, edit, and delete items and lists in all site collections	Yes	Granted for Kognitos
Sites.Read.All	Application	Read items in all site collections	Yes	Granted for Kognitos
Sites.ReadWrite.All	Application	Read and write items in all site collections	Yes	Granted for Kognitos

Authentication

Use one of the following authentication methods to connect this integration in Kognitos. Each method has its own configuration requirements.

Connect using Client ID, Client Secret and Tenant ID

Connect to the Microsoft Graph API using the provided client credentials.

Label	Description	Type
Client ID	The client ID of the application registered in Azure AD.	text
Client Secret	The client secret of the application registered in Azure AD.	sensitive
Tenant ID	The tenant ID of the Azure AD directory.	text

Connect using Client ID, Certificate and Tenant ID

Connect to the Microsoft Graph API using certificate credentials.

Label	Description	Type
Client ID	The client ID of the application registered in Azure AD.	text
Certificate	PEM-encoded X.509 certificate string containing both the certificate and private key.	sensitive
Tenant ID	The tenant ID of the Azure AD directory.	text

Connect using Client ID, Certificate, Private Key and Tenant ID

Connect to the Microsoft Graph API using certificate and private key.

Label	Description	Type
Client ID	The client ID of the application registered in Azure AD.	text
Certificate	PEM-encoded certificate string.	sensitive
Private Key	PEM-encoded private key string.	sensitive
Tenant ID	The tenant ID of the Azure AD directory.	text

Actions

The following actions are available in the **Microsoft SharePoint** integration:

1. Add a column to a slist

Adds a column to a given SharePoint list using the Microsoft Graph API.

2. Add an item to a slist

Adds an item to a given SharePoint list using the Microsoft Graph API.

3. Copy an item to a folder

Copies an item (folder or file) to a given folder using the Microsoft Graph API.

4. Create a folder in a document library

Creates a new folder at the root of the given SharePoint document library using the Microsoft Graph API.

5. Create a folder in another folder

Creates a new folder at the given SharePoint document library item using the Microsoft Graph API.

6. Create a list in a sharepoint site

Creates a new list in a given SharePoint site using the Microsoft Graph API.

7. Delete a column from a list

Deletes a column from a given SharePoint list using the Microsoft Graph API.

8. Delete a slist

Deletes a list in a given SharePoint site using the Microsoft Graph API.

9. Delete an item

Deletes an item (folder or file) within a given SharePoint document library using the Microsoft Graph API.

10. Delete an item from list

Deletes one or many items in a given SharePoint list using the Microsoft Graph API.

11. Download a file

Downloads a file from a given SharePoint document library using the Microsoft Graph API.

12. Edit an item

Edits an item in a given SharePoint list using the Microsoft Graph API.

13. Get a folder's items

Retrieves all child items from the specified document library folder using the Microsoft Graph API.

14. Get a folder at a path

Retrieves the root folder of a given SharePoint document library using the Microsoft Graph API.

15. Get a root folder from a document library

Retrieves the root folder of a given SharePoint document library using the Microsoft Graph API.

16. Get some items from a document library

Retrieves all items within a given SharePoint document library using the Microsoft Graph API.

17. Get some site's document libraries

Retrieves all document libraries within a given SharePoint site using the Microsoft Graph API.

18. Get some sites from sharepoint

Get SharePoint sites accessible via the Microsoft Graph API.

19. Get some list's items

Retrieves all items within a given SharePoint list using the Microsoft Graph API.

20. Move an item to a folder

Moves an item (folder or file) to a given folder using the Microsoft Graph API.

21. Rename a slist

Renames a list in a given SharePoint site using the Microsoft Graph API.

22. Rename a column in a list

Edits a column in a given SharePoint list using the Microsoft Graph API.

23. Rename an item to a name

Renames a folder or a file using the Microsoft Graph API.

24. Retrieve a document library at a url

Retrieves a SharePoint document library by its web URL using the Microsoft Graph API.

25. Retrieve a file at a url

Retrieves a SharePoint file by its web URL using the Microsoft Graph API.

26. Retrieve a folder at a url

Retrieves a SharePoint folder by its web URL using the Microsoft Graph API.

27. Retrieve a site at a url

Retrieves a SharePoint site by its web URL using the Microsoft Graph API.

28. Retrieve a slist at a url

Retrieves a SharePoint list by its web URL using the Microsoft Graph API.

29. Retrieve a slist as a table

Retrieve a sharepoint list as a table.

30. Retrieve some column definitions from a slist

Retrieves the column definitions of a given SharePoint list using the Microsoft Graph API.

31. Retrieve some site's lists

Retrieves all lists within a given SharePoint site using the Microsoft Graph API.

32. Retrieve some site's subsites

Retrieves all subsites within a given SharePoint site using the Microsoft Graph API.

33. Upload a file to a folder and get the file reference

Uploads a file to a given SharePoint document library using the Microsoft Graph API.

Concepts

Sharepoint list

A SharePoint list is a structured collection of data within a SharePoint site. It provides a way to organize and manage information in a tabular format, with columns representing different data fields and rows containing specific data entries. Lists are commonly used for tasks like tracking project progress, managing contacts, or storing custom data.

Field Name	Description	Type
<code>columns</code>	The columns of the list.	<code>list of text</code>
<code>created_date_time</code>	The date and time the list was created.	<code>datetime</code>
<code>display_name</code>	The display name of the list.	<code>text</code>
<code>id</code>	The unique identifier for the list.	<code>text</code>
<code>name</code>	The name of the list.	<code>text</code>
<code>web_url</code>	The URL of the list.	<code>text</code>
<code>site_id</code>	The id of the site this list belongs to.	<code>text</code>
<code>description</code>	The description of the list.	<code>optional[text]</code>

Sharepoint list item

A SharePoint list item represents an individual entry within a SharePoint list. It contains specific data values corresponding to the columns defined in the list. List items are used to store and manage structured data within a SharePoint list, enabling efficient organization and retrieval of information.

Field Name	Description	Type
<code>id</code>	The unique identifier for the list item.	<code>text</code>
<code>list_id</code>	The id of the list this item belongs to.	<code>text</code>
<code>site_id</code>	The id of the site this item belongs to.	<code>text</code>
<code>fields</code>	The fields of the list item.	<code>json</code>
<code>web_url</code>	The URL of the list item.	<code>text</code>

Sharepoint file reference

A Sharepoint File Reference is a reference to a file in a SharePoint document library.

Field Name	Description	Type
<code>id</code>	The unique identifier for the document library.	<code>optional[text]</code>
<code>name</code>	The name of the document library.	<code>optional[text]</code>
<code>web_url</code>	URL that either displays the resource in the browser (for Office file formats), or is a direct link to the file (for other formats).	<code>optional[text]</code>
<code>parent_reference</code>	Parent information, if the item has a parent.	<code>optional[json]</code>
<code>is_folder</code>	Boolean flag indicating whenever this item is a folder or not.	<code>optional[boolean]</code>
<code>file_name</code>	The name of the file. Same as name.	<code>optional[text]</code>

Sharepoint folder reference

A Sharepoint Folder Reference is a reference to a folder in a SharePoint document library.

Field Name	Description	Type
<code>id</code>	The unique identifier for the document library.	<code>optional[text]</code>
<code>name</code>	The name of the document library.	<code>optional[text]</code>
<code>web_url</code>	URL that either displays the resource in the browser (for Office file formats), or is a direct link to the file (for other formats).	<code>optional[text]</code>
<code>parent_reference</code>	Parent information, if the item has a parent.	<code>optional[json]</code>
<code>is_folder</code>	Boolean flag indicating whenever this item is a folder or not.	<code>optional[boolean]</code>
<code>folder_name</code>	The name of the folder. Same as name.	<code>optional[text]</code>

Sharepoint site

A SharePoint site is a versatile web-based platform within Microsoft SharePoint designed for team collaboration, document management, and content sharing. It provides a centralized space where users can store and manage documents with version control, organize information in lists, create and publish web pages, and control permissions for different users.

Field Name	Description	Type
<code>id</code>	The unique identifier for the site. Read-only.	<code>text</code>
<code>name</code>	The name of the site. Read-write.	<code>optional[text]</code>
<code>display_name</code>	The full title for the site. Read-only.	<code>optional[text]</code>
<code>web_url</code>	URL that either displays the resource in the browser (for Office file formats), or is a direct link to the file (for other formats). Read-only.	<code>optional[text]</code>
<code>is_personal_site</code>	Identifies whether the site is personal or not. Read-only.	<code>optional[boolean]</code>
<code>description</code>	Provides a user-visible description of the site. Optional.	<code>optional[text]</code>

Sharepoint document library

A SharePoint Document Library is a specialized storage location within a SharePoint site designed for storing, organizing, and managing documents. It supports advanced document management features such as version control, metadata tagging, and workflow automation, making it ideal for team collaboration and enterprise content management.

Field Name	Description	Type
<code>id</code>	The unique identifier for the document library. Read-only.	<code>text</code>
<code>drive_type</code>	Describes the type of drive represented by this resource. OneDrive personal drives will return personal. OneDrive for Business will return business. SharePoint document libraries will return documentLibrary. Read-only.	<code>optional[text]</code>
<code>name</code>	The name of the document library. Read-write.	<code>optional[text]</code>
<code>web_url</code>	URL that either displays the resource in the browser (for Office file formats), or is a direct link to the file (for other formats). Read-only.	<code>optional[text]</code>
<code>description</code>	Provides a user-visible description of the document library. Optional.	<code>optional[text]</code>

Sharepoint list column

A SharePoint list column definition represents the configuration and properties of a column within a SharePoint list.

Field Name	Description	Type
<code>id</code>	The unique identifier for the column.	<code>text</code>
<code>type</code>	The type of the column.	<code>text</code>
<code>list_id</code>	The id of the list this column belongs to.	<code>text</code>
<code>site_id</code>	The id of the site this column belongs to.	<code>text</code>
<code>general_definition</code>	The general definition of the column.	<code>json</code>
<code>type_specific_definition</code>	The type specific definition of the column.	<code>optional[json]</code>

Concept attribute specifications

parent_reference (sharepoint file reference)

Name	Type
<code>id</code>	<code>optional[text]</code>
<code>drive_id</code>	<code>optional[text]</code>

parent_reference (sharepoint folder reference)

Name	Type
<code>id</code>	<code>optional[text]</code>
<code>drive_id</code>	<code>optional[text]</code>