FAQ on integrating with SharePoint
VT Writer

VT Writer Intro

VT Writer is a browser-based application (with an optional MS Word Addin) for those creating and editing textual content. It scores content, can create content, and suggests how to improve the clarity of content.

When run as "customer-hosted" (either on-prem or in private cloud), VT Writer is a self-contained system.

1. How is SharePoint used in VT Writer?

When users are creating content in VT Writer (using our Generative AI assistant - Visi), they can choose to Use files. This feature allows users to pick files to use as context when prompting with Visi. VT Writer will search these files for chunks of content that is relevant to the user's prompt and include these chunks as context with the prompt (technically this is called Retrieval Augment Generation, RAG).
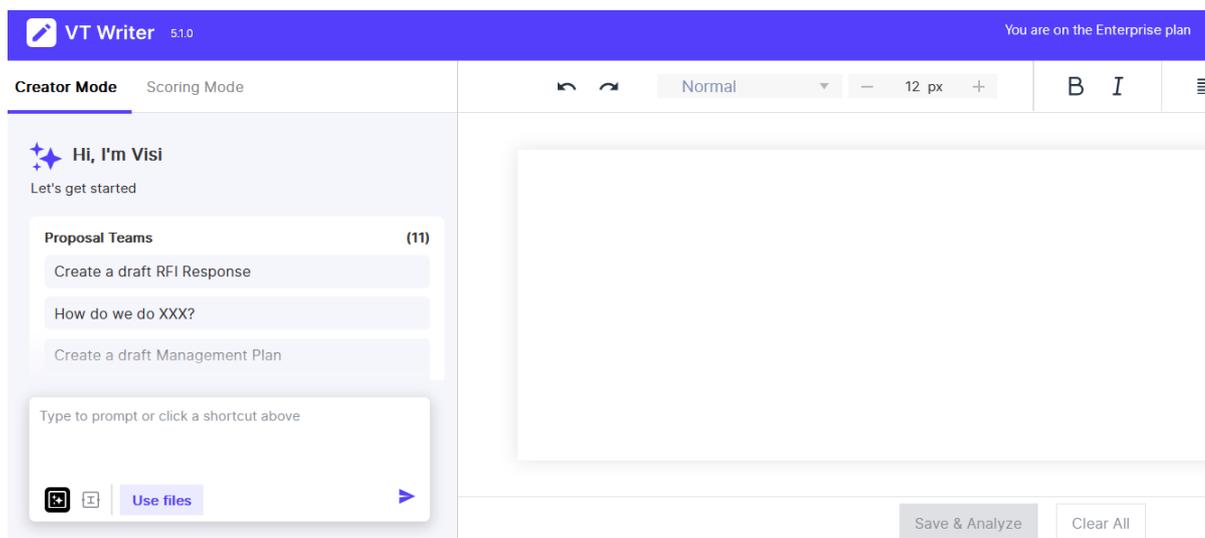
Users can choose local files; or if you have SharePoint integrated, users can navigate Sites / folders and select documents to include as context (a Collection) when prompting.
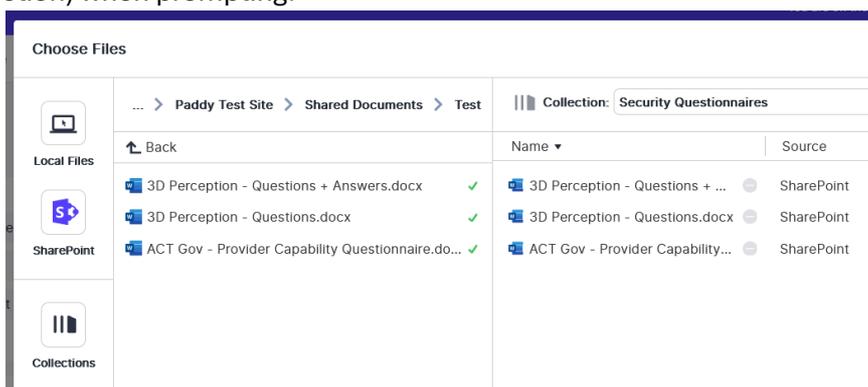
Here's an example of a user asking a question using a Collection (3 documents selected from SharePoint) as context:

2. What types of SharePoint system does VT Writer support?

For both customer-hosted and VisibleThread cloud-hosted (running in the VisibleThread managed cloud https://writer.visiblethread.com) we support:

- SharePoint Online (standard Microsoft cloud)

Additionally, if your VT Writer instance is customer-hosted, VT Writer supports you connecting to the MS Government Community Cloud (GCC) :

- SharePoint in GCC and GCC-High

Note: VT Writer does **not support** SharePoint Server editions

3. What are the prerequisites to use SharePoint in VT Writer?

There are 3 prerequisites within VT Writer to use SharePoint. You must have the following optional features turned "On":

If your VT Writer instance is customer-hosted (on-prem or in your private cloud) then you must provide an LLM. Either an LLM you install (e.g. Ollama), or a cloud hosted LLM:

4. Does VT Writer store SharePoint documents?

No, VT Writer **does not** store SharePoint documents. The system does store chunks of text from SharePoint documents that users chose to use with the Use files feature. These text chunks are stored in a vector database (Postgres with pgvector). The text chunks are deleted by an automated process on a configurable schedule, X days after a document was submitted to the system.

5. What Microsoft Graph/SharePoint permissions does VT Writer require?

VT Writer integrates with Graph/SharePoint using the delegated access model & delegated permissions :

> In delegated access, the app calls Microsoft Graph on behalf of a signed-in user.
>
> *Delegated permissions*, also called *scopes*, are used in the delegated access scenario. They're permissions that allow the application to act on behalf of a signed-in user. However, the application can't access anything the signed-in user couldn't access.

Screenshot of the required permissions:

6. How to configure SharePoint to work with VT Writer?

There are two parts to complete to integrate SharePoint with VT Writer:

1. Create a new App Registration in Microsoft Entra
2. Configure VT Writer | SharePoint Connection with data from step 1

6.1 Create an App Registration in Entra

1. Create a New Registration

2. Specify the Redirect URI
   e.g. https://your-vt-writer.com/docrepo/callback

3. Configure API Permissions

4. Configure Authentication Settings

5. Create a Client Secret

6. Expose an API

7. Add Owners/Users

8. Retrieve Important App Details
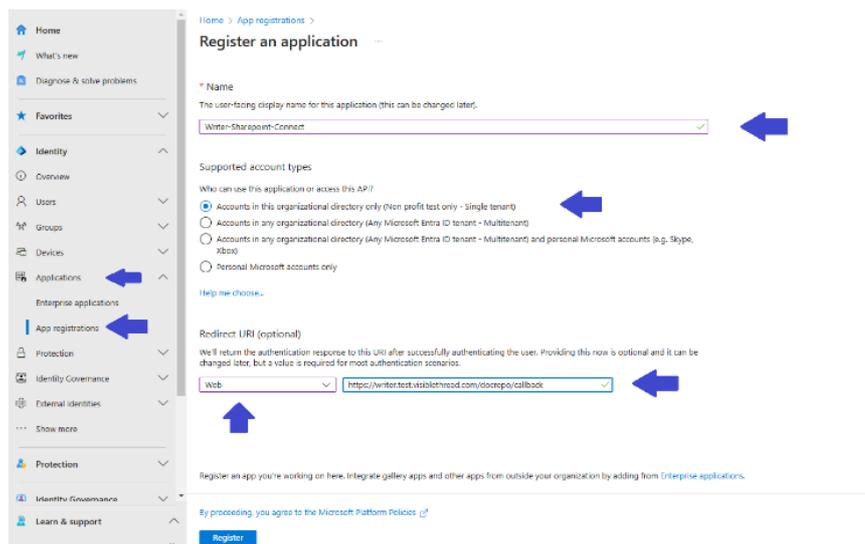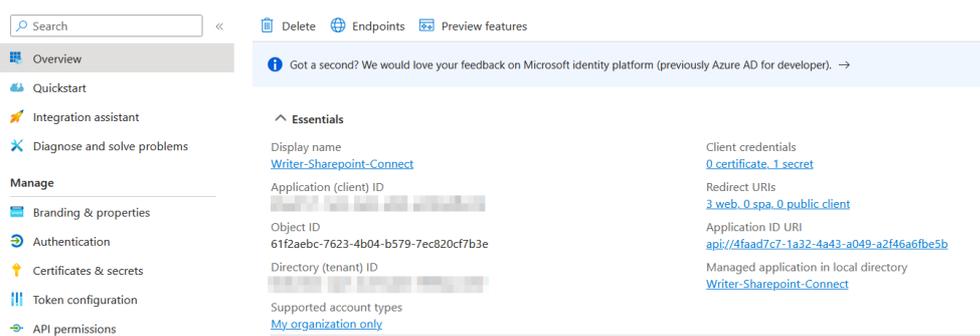
Copy the following details to help you configure VT Writer:

- o **Application (client) ID**

- o **Directory (tenant) ID**

- o **Client Secret**

- o SharePoint URL

6.2 Configure VT Writer - SharePoint Connection

Using the information from the final step above:

1. Go to the System Admin page & scroll down to the Generative AI section:
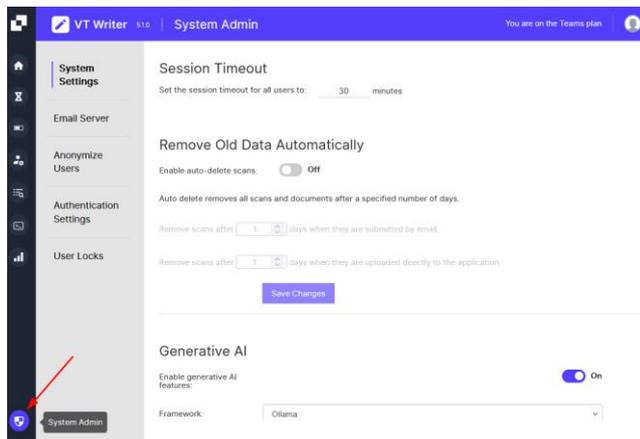
2. Turn On "Enable Sharepoint Connection" and fill out the appropriate fields with the information from the final **Step 7: Retrieve Important App Details**

3. **Test Connection**
4. Once the test is successful, **Save Changes**.

7. Troubleshooting?

- Check that you have a redirect uri specified in your Entra App Registration, and that it matches the domain name for your VT Writer instance:

Microsoft

Sign in

Sorry, but we're having trouble signing you in.

AADSTS50011: The redirect URI 'https://███████/docrepo/callback' specified in the request does not match the redirect URIs configured for the application '████████'. Make sure the redirect URI sent in the request matches one added to your application in the Azure portal. Navigate to https://aka.ms/redirectUriMismatchError to learn more about how to fix this.

8. How can I access help and support for VT Writer?

You can find help and support by contacting our Support Team at Support@visiblethread.com, visiting the VisibleThread website, checking out our user guides, or contacting your Customer Success Manager directly.