

ABBYY



ABBYY Vantage

Export to Microsoft SharePoint

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About ABBYY Vantage Export to SharePoint

ABBYY Vantage provides content IQ skills that allow you to turn unstructured content into structured, actionable information by means of classification and extraction, as well as processing specific document types like invoices, orders, W2 forms, and more.

ABBYY Vantage Export to SharePoint is a module that exports data from ABBYY Vantage to Microsoft SharePoint. It is capable of creating and updating documents in SharePoint libraries and adding items to SharePoint lists. Each connector instance can only process one document type but it is possible to use several connectors with different configurations in a single Process skill.

System Requirements and Limitations

You will require an ABBYY Vantage account, a valid subscription for ABBYY Vantage, and a Vantage user that is assigned the Skill Designer role to configure and to run your workflow.

You will also need an Azure AD account that has the permissions required to access Microsoft SharePoint.

ABBYY Vantage Export for Microsoft SharePoint works with:

- ABBYY Vantage 2.2 or later,
- SharePoint Online.

Please note that the connector can't transfer files larger than 4 MB.

Installing the Connector

ABBYY Vantage Export to Microsoft SharePoint is a script that runs in an Output or Custom Activity of a Process Skill.

The current version of ABBYY Vantage Export to Microsoft SharePoint is configured by modifying the script (see [Configuring the Connector](#) below).

Exporting documents of one class

This scenario assumes that you will always process documents of the same type using the configured Process skill.

1. Create a Process Skill and configure it according to your requirements.
2. Add an Output Activity to this Process Skill.
3. Enable export to an additional destination and select **External system**.

DESTINATION

Use Vantage REST API documentation to export files or select an additional destination

[View Documentation](#) 

☒ Select additional destination

☐ Shared folder

Use the link and credentials to collect
collect exported files


[Settings](#)

☒ External system

Export transaction data to the
external system by REST API

 [Settings](#)

4. Click **Settings** and paste the modified script in the dialog box that will open.
5. Configure the **Exported Data** formats. They should match the output formats specified in the script.
6. Save the script.
7. Publish the skill.

 **Note:** If you subsequently modify the script, you must publish the script for the changes to take effect.

The connector is now ready to be used.

Exporting documents of several classes

This scenario assumes that you may use the configured skill to process documents of different types within one transaction or withing different transactions.

1. Open a Process Skill that has a Classify Activity followed by an Extract Activity. Several document classes should be mapped with several Document skills.
2. Add a Condition Activity after the Extract Activity to branch the processing workflow. If a single transaction in your workflow can contain several documents of different classes, you should place the Condition Activity inside a For Each Document activity. This allows each document in a transaction to be processed individually.
3. Add Custom Activities after the Condition Activity. The number of Custom Activities should match the number of document classes.
4. Select the Condition Activity. On the **Actions** pane, click **Set Up** to the right of a Custom Activity name that is assigned to each condition.

ACTIVITY NAME

IF

→ CASE CONDITIONS (2)

Custom_1 [Set up](#)

Custom_2 [Set up](#)

→ ELSE CONDITION

Custom_3 ▼

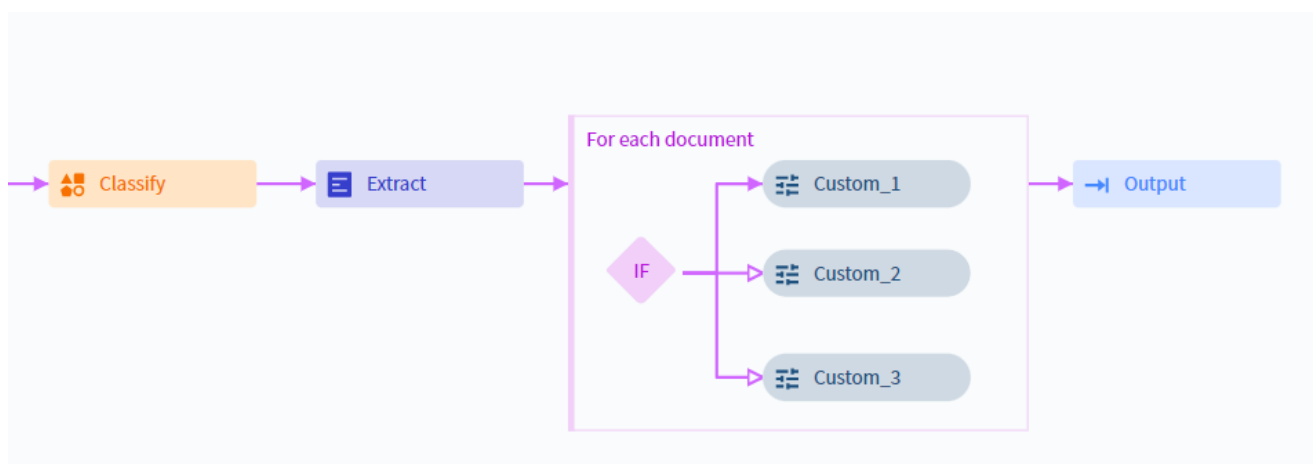
To configure a condition, paste the following code in the script editor that will open:

```
function checkClass() {
    for (var i = 0; i < Context.Transaction.Documents.length; i++) {
        var document = Context.Transaction.Documents[i];
        if (document.ResultClass == <Document class>)
            return true;
    }
    return false;
}
checkClass();
```

- Click **Settings** for each Custom Activity and paste a modified script for processing the corresponding document type.

Note: Custom Activity supports export only to PDF and JSON formats. Export format settings for the Output Activity won't be applied if the Connector script runs in the Custom Activity. Available JSON formats are described in [Appendix B](#).

- Add an Output Activity and configure it according to your needs. Your final setup should look like this:



- Save the script.
- Publish the skill.

Note: If you subsequently modify the script, you must publish the script for the changes to take effect.

The connector is now ready to be used.

Using ABBYY Vantage in your SharePoint Workflow

Registering the Application in Microsoft Azure

In order to establish a connection between SharePoint and Vantage, you need to register an application in Azure AD and specify the credentials for this app when modifying the Connector script.

To create an application, an Azure Active Directory tenant with application registration and editing permissions is required.

You can switch to the correct directory on the [Portal settings | Directories + subscriptions](#) page.

Registering the application and creating a client secret

1. Navigate to the [App registrations](#) page.
2. Click **New registration**.
3. Specify a name for your application and click **Register** at the bottom of the page. You shouldn't change other settings on this page.

Register an application ...

* Name

The user-facing display name for this application (this can be changed later).

Supported account types

Who can use this application or access this API?

- ☒ Accounts in this organizational directory only (ABBYY only - Single tenant)
- ☐ Accounts in any organizational directory (Any Azure AD directory - Multitenant)
- ☐ Accounts in any organizational directory (Any Azure AD directory - Multitenant) and personal Microsoft accounts (e.g. Skype, Xbox)
- ☐ Personal Microsoft accounts only

[Help me choose...](#)

Redirect URI (optional)

We'll return the authentication response to this URI after successfully authenticating the user. Providing this now is optional and it can be changed later, but a value is required for most authentication scenarios.

By proceeding, you agree to the [Microsoft Platform Policies](#)

Register

4. Copy the **Application (client) ID** and **Directory (tenant) ID** to a text file. Then click **Add a certificate or secret**.

Delete Endpoints Preview features

Got a second? We would love your feedback on Microsoft identity platform (previously Azure AD for developer). →

^ Essentials

Display name : [Export from Vantage](#)

Application (client) ID : [9f3833a2b1-726a-43c3-b376-74c3880fa73a62](#)

Object ID : [88c33b67b-a7a0-4a62-a0b6-35c384226ac5](#)

Directory (tenant) ID : [8488332a-37c6-42f6-883a-6a76a80f776a3](#)

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

Client credentials : [Add a certificate or secret](#)

Redirect URIs : [Add a Redirect URI](#)

Application ID URI : [Add an Application ID URI](#)

Managed application in I... : [Export from Vantage](#)

5. Click **New client secret**.

Certificates (0) Client secrets (0) 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.

Description	Expires	Value ⓘ	Secret ID
No client secrets have been created for this application.			

6. In the dialog box that will open, specify a name for the client secret and an expiration date.

Note: The maximum expiration date is 24 months. After the secret has expired, you have to update it following the instructions in [Appendix C: Updating Client secret](#).

7. Click **Add**. This will close the dialog and display information about your new client secret. Copy **Value** to a text file. You will need it together with the credentials you saved on step 4 to [configure the Connector](#).

Important! You must copy and save the **Value** at this step, since you will not be able to access it again once you close the page.

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.

Description	Expires	Value ⓘ	Secret ID
Example secret	8/16/2022	64p7Q-57AujM6274C0agPULnu7pHtN8...	5f3833a2b1-726a-43c3-b376-74c3880fa73a62

Setting up application permissions

1. Navigate to the **API permissions** tab.

Overview

Quickstart

Integration assistant

Manage

Branding & properties

Authentication

Certificates & secrets

Token configuration

API permissions

Expose an API

App roles

Got a second? We would love your feedback on Microsoft identity platform (previously Azure

Essentials

Display name : [Export from Vantage](#)

Application (client) ID : 9f283aedf-728e-45c3-b27c-74c3880e12ed2

Object ID : d8c39d7b-e74d-46a2-af8b-137c3b1226ec5

Directory (tenant) ID : 8e48332e-37c6-427f-b90d-d4d3b48757dc3

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

Get Started

Documentation

Build your application


- Click **Add permission**.
- In the dialog that will open, select the **Microsoft Graph** section.

Request API permissions

Select an API


Microsoft APIs APIs my organization uses My APIs

Commonly used Microsoft APIs




Microsoft Graph

Take advantage of the tremendous amount of data in Office 365, Enterprise Mobility + Security, and Windows 10. Access Azure AD, Excel, Intune, Outlook/Exchange, OneDrive, OneNote, SharePoint, Planner, and more through a single endpoint.




Azure Batch

Schedule large-scale parallel and HPC applications in the cloud




Azure Communication Services

Rich communication experiences with the same secure CPaaS platform used by Microsoft Teams




Azure Cosmos DB

Fast NoSQL database with open APIs for any scale.




Azure Data Catalog

Programmatic access to Data Catalog resources to register, annotate and search data assets



Azure Data Explorer

Perform ad-hoc queries on terabytes of data to build near real-time and complex analytics solutions



Azure Data Lake

Access to storage and compute for big data analytic scenarios

- Select **Application permissions**.

Request API permissions



[← All APIs](#)



Microsoft Graph

<https://graph.microsoft.com/> [Docs](#)

What type of permissions does your application require?

Delegated permissions

Your application needs to access the API as the signed-in user.

Application permissions

Your application runs as a background service or daemon without a signed-in user.

5. Add the following permissions:

- Files.ReadWrite.All
- Sites.ReadWrite.All

Note: You can search for a permission either by browsing the list or by typing its name in the search box.

6. Click **Add permissions**. This will close the dialog and display the selected permissions.

7. Repeat steps 2-6, selecting **SharePoint > Application permissions**, and adding the Sites.ReadWrite.All permission.

Some permissions may require admin consent as follows:

[+ Add a permission](#) [✓ Grant admin consent for ABBYY](#)

API / Permissions name	Type	Description	Admin consent req...	Status
▼ Microsoft Graph (3)				
Files.ReadWrite.All	Application	Read and write files in all site collections	Yes	⚠ Not granted for ABBYY
Sites.ReadWrite.All	Application	Read and write items in all site collections	Yes	⚠ Not granted for ABBYY

If you don't have sufficient rights to grant this consent, you should contact your system administrator.

Configuring SharePoint

To configure a SharePoint library or list, you need to create the properties that will be mapped with Vantage document fields.

To add a property, click **Add column** above the list of files in a library or list of items in a list:

[+ New](#)
[↑ Upload](#)
[Edit in grid view](#)
[Sync](#)
[Add shortcut to OneDrive](#)
[Pin to Quick access](#)

ExportFromVantage

Name
 Modified
 Modified By
 [+ Add column](#)


The property data type should match the appropriate Vantage document field type. For details, see the table below.

SharePoint Data Type	ABBYY Vantage Field Data Type
Single line of text	Text, Barcode, Table, Group
Multiple lines of text	Text, Table, Group
Number	Number
Currency	Money (containing only numerical value), Number
Text (single line or multiple lines)	Money (containing the currency sign)
Yes/No (check box)	Checkmark
Choice	Text
Choice with Display choice using Checkboxes (allow multiple selections) option enabled	Checkmark group (multiple choice allowed)
Date and Time	Date

Configuring the Connector

To configure ABBYY Vantage Export to Microsoft SharePoint, you should do the following by modifying the **config** object of the script:

- enter the credentials for the Azure AD app used to connect to SharePoint,
- specify the link to a document library, a folder in a library, or a list to which the data will be exported,
- specify the content type that will be set for the documents or list records created in SharePoint,
- specify the output file formats when exporting data to a document library,
- specify the script behavior for particular cases,
- map Vantage fields with SharePoint properties.

When you set up export to SharePoint, you have to decide whether you will export data to documents in a library or to items in a list. You should specify the link to the corresponding entity in the **sharepoint_site_link** property. To get the link to a specific folder in a document library, you should click the  icon next to the folder name and then click **Copy link**.

The value of the **export_scenario** property should match the chosen entity: **CREATE_LIST_RECORD** is used for lists, and **UPLOAD_FILE** is used for libraries.

All export format settings except the content type setting are applied only when you export data to a library.

The properties of the **config** object are described in [Appendix A: Script Nodes Description](#).

Below you will find a sample **config** object:

```
const config = {
  credential: {
    client_id: "xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxxxx",
    client_secret: "xxxxxxxxxxxxxxxxxxxxxx",
    tenant: "xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxxxx"
  },
  export: {
    sharepoint_site_link:
"https://your\_instance.sharepoint.com/your\_site/your\_library/Forms/AllItems.aspx"
    export_format_filter: "PDF, JSON, CUSTOM_JSON, TEXT, DOCX, XLSX, FIELDS_JSON,
OCR_JSON",
    content_type: "Invoice",
    content_type_export_filter: "PDF",
    vantage_fields_to_sharepoint_metadata_filter: "",
    export_scenario: "UPLOAD_FILE",
    file_uploading_policy: "INCREASE_VERSION",
    file_name_schema: "${FullFileName}",
  },
  mapping: [
    {
      field: {
        sharepoint_field_name: "Title",
        vantage_field_name: "Invoice Number"
      }
    },
    {
      field: {
        sharepoint_field_name: "InvoiceDate",
        vantage_field_name: "Invoice Date"
      }
    },
    {
      field: {
        sharepoint_field_name: "InvoiceNumber",
        vantage_field_name: "Invoice Number"
      }
    },
    {
      field: {
        sharepoint_field_name: "TotalSum",
        vantage_field_name: "Total"
      }
    },
    {
      field: {
        sharepoint_field_name: "VendorName",
        vantage_field_name: "Vendor/Name"
      }
    }
  ]
}
```

```

    field: {
      sharepoint_field_name: "VendorAddress",
      vantage_field_name: "Vendor/Address"
    }
  }
}

```

Sample Mapping

In this section you will find sample scripts for mapping Vantage fields of different types with SharePoint properties. Please note that you should create all SharePoint properties manually before running the script.

Mapping fields from a group

In this example, data from the **Name** and **Address** fields which are part of the **Vendor** group field is extracted to the **VendorName** and **VendorAddress** properties in SharePoint. You should specify the full name of a Vantage field when creating an entry in the mapping object of a script. To separate the sections of a name, use a forward slash ("/").

Data Form in Vantage Document Skill Designer:

1. 2. Invoice_1_.png • Page 1 of 1

AA APPAREL

1 Memphis Dr.

Memphis, TN, 38118

123-456-7890

RECEIVED MAR - 3

DATE	INVOICE NO
6/09/04	99044

BILL TO

US NORTHLAND

Doug Darrell

18 Prince George Drive

Prince George, VA 23875

SHIP TO

US NORTHLAND

Doug Darrell

18 Prince George Drive

Prince George, VA 23875

P O NO	TERMS	REP	SHIP DATE	SHIP VIA	FOB	PROJECT
1505	Net 30		6/08/04	Courier		

QTY	ITEM	DESCRIPTION	RATE	AMOUNT
7		49910 - Gloves or mittens, NOI, in boxes	150.00	1050.00
42		15560 - Bulk, NOI, inflated	275.00	11550.00
24		15520 - Athletic or Sporting Goods, NOI	317.00	7608.00

Invoice Number

99044

Invoice Date

6/09/04

Total

20208.00

Currency

USD

Business Unit

Vendor

Name

AA APPAREL

Address

1 Memphis Dr.


Memphis, TN, 38118

Country

US

Export to a SharePoint document library:

ExportFromVantage 

 Name	InvoiceNumber	InvoiceDate	TotalSum	VendorName	VendorAddress	+ Add column
 2. Invoice_1_.png.pdf	99044	Wed Jun 09 2004 00:00:00 GMT+0000	20208	AA APPAREL	1 Memphis Dr. Memphis, TN, 38118	

Sample mapping:

```
mapping: [
  {
    field: {
      sharepoint_field_name: "Title",
      vantage_field_name: "Invoice Number"
    }
  },
  {
    field: {
      sharepoint_field_name: "InvoiceDate",
      vantage_field_name: "Invoice Date"
    }
  },
  {
    field: {
      sharepoint_field_name: "InvoiceNumber",
      vantage_field_name: "Invoice Number"
    }
  },
  {
    field: {
      sharepoint_field_name: "TotalSum",
      vantage_field_name: "Total"
    }
  },
  {
    field: {
      sharepoint_field_name: "VendorName",
      vantage_field_name: "Vendor/Name"
    }
  },
  {
    field: {
      sharepoint_field_name: "VendorAddress",
      vantage_field_name: "Vendor/Address"
    }
  }
]
```

Mapping table fields

You can map a table or a group field in Vantage with a **Multiple lines of text** property in SharePoint. This property will contain a JSON with an array of objects each of which represents a table line. Each name/value pair in an object corresponds to a column name and a value in this column. When exporting a group field, the array will contain a single object where each name/value pair represents a field and its value. Nested groups are not exported.

You can also export data to CSV format.

The Data Form in Vantage Document Skill Designer contains a table:

BILL TO

US NORTHLAND
Doug Darrell
18 Prince George Drive
Prince George, VA 23875

SHIP TO

US NORTHLAND
Doug Darrell
18 Prince George Drive
Prince George, VA 23875

P O NO	TERMS	REP	SHIP DATE	SHIP VIA	FOB	PROJECT
1505	Net 30		6/08/04	Courier		

QTY	ITEM	DESCRIPTION	RATE	AMOUNT
7		49910 - Gloves or mittens, NOI, in boxes	150.00	1050.00
42		15560 - Bulk, NOI, inflated	275.00	11550.00
24		15520 - Athletic or Sporting Goods, NOI	317.00	7608.00

Description

Q

Quantity

Q

Unit of Measurement

Unit Price

Q

D

1	49910 - Gloves or mittens, NOI, in boxes	7		150.00	
2	15560 - Bulk, NOI, inflated	42		275.00	
3	15520 - Athletic or Sporting Goods, NOI	24		317.00	

Invoice Number

99044

* Invoice Date

6/09/04

* Total

20208.00

Currency

USD

Business Unit

Vendor

AA APPAREL

Taxes

Purchase Order

Table 3 x 1

Line Items

Table 19 x 3

Export to a SharePoint document library:

ExportFromVantage

Name	LineItems	Add column
2. Invoice.png.pdf	[{"Article Number BU":"","Article Number Vendor":"49910","Currency":"USD","Description":"49910 - Gloves or mittens, NOI, in boxes","Discount":"","Discount Percentage":"","Is Valid":"","Net Price":"1050","Order Date":"","Order Item Id":"","Order Number":"1505","Position":"","Quantity":"7","Tax Amount":"","Tax Code":"","Tax Rate":"","Total Price":"","Unit Price":"150","Unit of Measurement":"","Article Number BU":"","Article Number Vendor":"15560","Currency":"USD","Description":"15560 - Bulk, NOI, inflated","Discount":"","Discount Percentage":"","Is Valid":"","Net Price":"11550","Order Date":"","Order Item Id":"","Order Number":"","Position":"","Quantity":"42","Tax Amount":"","Tax Code":"","Tax Rate":"","Total Price":"","Unit Price":"275","Unit of Measurement":"","Article Number BU":"","Article Number Vendor":"15520","Currency":"USD","Description":"15520 - Athletic or Sporting Goods, NOI","Discount":"","Discount Percentage":"","Is Valid":"","Net Price":"7608","Order Date":"","Order Item Id":"","Order Number":"","Position":"","Quantity":"24","Tax Amount":"","Tax Code":"","Tax Rate":"","Total Price":"","Unit Price":"317","Unit of Measurement":""}]	
2. Invoice_1.png.pdf	"Article Number BU;Article Number Vendor;Currency;Description;Discount;Discount Percentage;Is Valid;Net Price;Order Date;Order Item Id;Order Number;Position;Quantity;Tax Amount;Tax Code;Tax Rate;Total Price;Unit Price;Unit of Measurement;49910;USD;49910 - Gloves or mittens, NOI, in boxes;;;1050;;1505;;7;;;150;;15560;USD;15560 - Bulk, NOI, inflated;;;11550;;1505;;42;;;275;;15520;USD;15520 - Athletic or Sporting Goods, NOI;;;7608;;1505;;24;;;317;;"	

Here, two identical files are exported with different mapping settings. In the first case, the **Line Items** table is exported to a JSON object (default setting), and in the second, the table is exported to a CSV object.

Sample mapping for exporting a table field to CSV format:

```
mapping: [
  {
    field: {
      sharepoint_field_name: "Title",
      vantage_field_name: "Invoice Number"
    }
  },
  {
    field: {
      sharepoint_field_name: "LineItems",
      vantage_field_name: "Line Items",
      table_format: "CSV" //Possible values: JSON, CSV. Default value: JSON
    }
  }
]
```

Mapping to a list

In all previous examples, data was exported to a document library. The following example demonstrates how data can be exported to a list. You should specify a link to the list in the **sharepoint_site_link** property of the **config** object and select the export scenario **CREATE_LIST_RECORD**. Export format settings are not effective in this export mode. The mapping procedure is the same as when you export data to a document library.

The Data Form in the Vantage Document Skill Designer:

1.2. Invoice_1_.png - Page 1 of 1

AA APPAREL
1 Memphis Dr.
Memphis, TN, 38118
123-456-7890

RECEIVED MAR - 3

Invoice

DATE	INVOICE NO
6/09/04	99044

BILL TO

US NORTHLAND
Doug Darrell
18 Prince George Drive
Prince George, VA 23875

SHIP TO

US NORTHLAND
Doug Darrell
18 Prince George Drive
Prince George, VA 23875

P O NO	TERMS	REP	SHIP DATE	SHIP VIA	FOB	PROJECT
1505	Net 30		6/08/04	Courier		

QTY	ITEM	DESCRIPTION	RATE	AMOUNT
7		49910 - Gloves or mittens, NOI, in boxes	150.00	1050.00
42		15560 - Bulk, NOI, inflated	275.00	11550.00
24		15520 - Athletic or Sporting Goods, NOI	317.00	7608.00

Invoice Number

• Invoice Date

• Total

Currency

► Business Unit

▼ Vendor

Name
 Q

Address

Country
 Q

Export to a SharePoint list:


ExportList ☆ ☹

Title ▼	InvoiceDate ▼	TotalSum ▼	VendorName ▼	+ Add column ▼
99044	09.06.2004	20208	AA APPAREL	

Sample mapping:


```
mapping: [
  {
    field: {
      sharepoint_field_name: "Title",
      vantage_field_name: "Invoice Number"
    }
  },
  {
    field: {
      sharepoint_field_name: "InvoiceDate",
      vantage_field_name: "Invoice Date"
    }
  },
  {
    field: {
      sharepoint_field_name: "TotalSum",
      vantage_field_name: "Total"
    }
  },
  {
    field: {
      sharepoint_field_name: "VendorName",
      vantage_field_name: "Vendor/Name"
    }
  }
]
```



Appendix A: Script Nodes Description

Node		Description	Possible values
credential	client_id	The Application (client) ID of the Azure AD app.	String in the following format: xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx
	client_secret	The Value of the client secret for the Azure AD app.	String
	tenant	The Directory (tenant) ID of the Azure AD app.	String in the following format: xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx
export	sharepoint_site_link	Link to a document library, a folder in a library, or a list on SharePoint Online including the "https://" prefix.	String
	export_format_filter	<p>Specifies file formats that will be exported to Microsoft SharePoint.</p> <p>This property is applied only when when data is exported to a document library.</p> <p> Note: If a script is used in the Output Activity, you must configure the Export Data settings of this activity accordingly.</p>	<ul style="list-style-type: none"> • PDF • JSON • CUSTOM_JSON • TEXT (not supported by Custom Activity) • DOCX (not supported by Custom Activity) • XLSX (not supported by Custom Activity) • FIELDS_JSON • OCR_JSON • "" (empty string) - in this case the default value "PDF, TEXT" will be used <p>JSON formats are described in Appendix B.</p>

Node		Description	Possible values
			Multiple selection is allowed, formats should be separated by commas.
	content_type	Specifies Microsoft SharePoint content type that will be assigned to the exported document or list item.	String The default value corresponds to the default content type configured for the document library or list in SharePoint.
	content_type_export_filter	<p>Specifies the file format for which the content type specified in the previous property will be set.</p> <p>Other exported files will have the default content type configured for the document library or list in SharePoint.</p> <p>If the value is empty and export_format_filter is empty, the content type will be specified for the files in PDF and TEXT formats by default.</p> <p>This property is applied only when data is exported to a document library.</p>	<ul style="list-style-type: none"> • PDF • JSON • CUSTOM_JSON • TEXT (not supported by Custom Activity) • DOCX (not supported by Custom Activity) • XLSX (not supported by Custom Activity) • FIELDS_JSON • OCR_JSON • "" (empty string) <p>JSON formats are described in Appendix B.</p>

Node	Description	Possible values
<p>vantage_fields_to_sharepoint_metadata_filter</p>	<p>Specifies the file formats to which metadata will be exported.</p> <p>If the value is empty and export_format_filter is empty, metadata will be exported to PDF and TEXT file formats by default.</p> <p>This property is applied only when data is exported to a document library.</p>	<ul style="list-style-type: none"> • PDF • JSON • CUSTOM_JSON • TEXT (not supported by Custom Activity) • DOCX (not supported by Custom Activity) • XLSX (not supported by Custom Activity) • FIELDS_JSON • OCR_JSON • "" (empty string) <p>JSON formats are described in Appendix B.</p>
<p>export_scenario</p>	<p>Specifies whether data will be exported to files in a document library or to items in a list.</p>	<ul style="list-style-type: none"> • CREATE_LIST_RECORD - a new list item will be added to the list specified in the sharepoint_site_link property, • UPLOAD_FILE - one or several files will be uploaded to the library specified in the sharepoint_site_link property.
<p>file_uploading_policy</p>	<p>Specifies the action that should be performed if a file with the same name already exists.</p> <p>This property has effect only when data is exported to a document library.</p>	<ul style="list-style-type: none"> • DO_NOT_UPLOAD_IF_FILE_EXISTS - the file format will not be exported, and a warning will be generated. Script execution will continue. The document can still be exported to other formats configured in the export_format_filter property,

Node		Description	Possible values
			<ul style="list-style-type: none"> • INCREASE_VERSION - the connector will create a new major version of an existing document, <p> Note: The script may create up to two versions of a document during one call: the first version will be created during the document upload, and the second version will be created when the content type is assigned and the document properties are populated.</p> <ul style="list-style-type: none"> • OVERWRITE - the connector will overwrite the existing file, • CREATE_COPY - the connector will create a new document with the same name and a new numerical index.
	file_name_schema	<p>The schema for generating file names.</p> <p>This property has effect only when data is exported to a document library.</p>	<p>String.</p> <p>The following variables may be used:</p> <ul style="list-style-type: none"> • \$(ExtractedData.FieldName) - the text value of a specified field, • \$(FullFileName) - the name of the source file including the file extension, • \$(Date) - current date in yyyy-MM-dd format, • \$(Time) - current time in HH-mm-ss format, • \$(DateTime) - current date and time in yyyy-MM-dd HH-mm-ss format, • \$(TransactionID) - the transaction identifier.

Node		Description	Possible values
mapping	field	<p>An array of exported document fields mapped with SharePoint properties.</p> <p> Important! The script execution will be aborted in the following cases:</p> <ul style="list-style-type: none"> • Vantage fields specified in mapping don't exist in the Vantage document definition, • SharePoint properties specified in mapping don't exist in the target document library or list, • SharePoint properties specified in mapping are not configured for the selected content type when exporting files to the document library. 	
		sharepoint_field_name	<p>The name of a property in SharePoint.</p> <p>String without spaces. The name is case-sensitive.</p>
		vantage_field_name	<p>The name of a field in Vantage.</p> <p>String. The name is case-sensitive.</p> <p>To address a field inside a group, use '/' as a separator.</p>
		value	<p>A static value exported to a property.</p> <p>The data type of this property should match the data type of the corresponding SharePoint property.</p>
		table_format	<p>An optional property that specifies the export format for the table field.</p> <p>If the property doesn't exist, the default value is used.</p> <ul style="list-style-type: none"> • JSON - table rows are exported as dictionaries where each key/value pair corresponds to a column name and a value in this column, • CSV. <p>Default value: JSON</p>

Appendix B: JSON formats description

This section describes the types of JSON output files that can be exported to SharePoint:

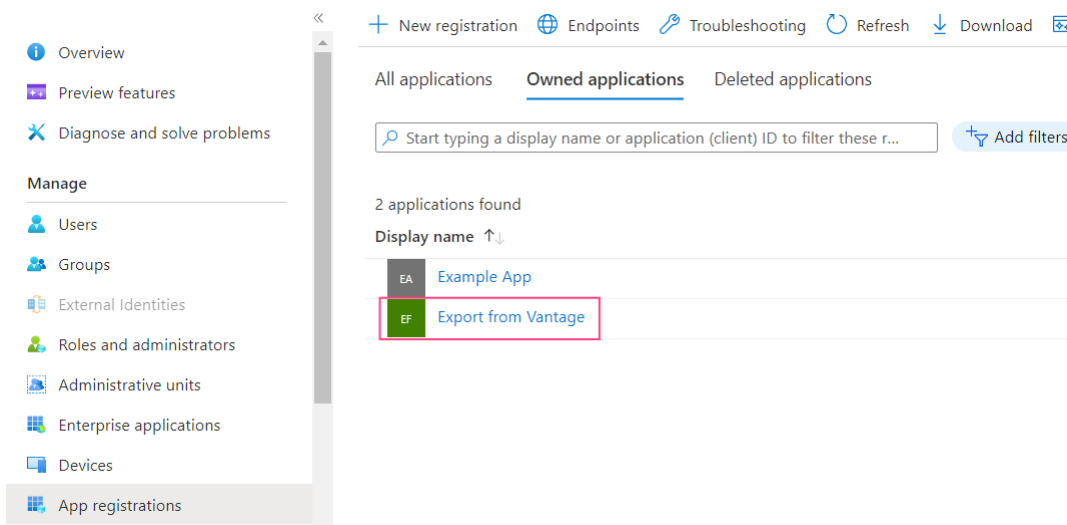
- JSON - contains full data extraction results including metadata,
- FIELDS_JSON - contains only document field values and rule errors,
- CUSTOM_JSON - is generated by the connector script and contains only fields mapped with SharePoint properties,
- OCR_JSON - contains OCR processing results.

Appendix C: Updating Client secret

The Client secret value is used for serverside client identification and constitutes confidential information. For security purposes, data like this should periodically be updated. Some services like Azure Active Directory limit the validity period for such data.

Updating Client secret in Microsoft Azure

1. Navigate to the [App registrations](#) page and select the application used for data export to Microsoft SharePoint.



2. Navigate to the **Certificates & secrets** tab and click **New client secret**.
3. In the dialog box that will open, specify a name for the client secret and its expiration date.
4. Click **Add**. This will close the dialog and display information about the new client secret. It is important that you copy and save the **Value**, since you will not be able to access it again once you close the page.
5. If the current client secret has not expired yet, you can delete it in order to only be able to use the new client secret to identify the client.
6. Update the **client_secret** value in the script used in the Custom or Output Activity of a Process skill.
7. Publish the skill.

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