AI Adapter for SAP Integration Suite

Version 1.1.0 – June 2026

THE BEST RUN SAP

Contents

1 Introduction

1.1 Objective

This is the official guide for the AI Adapter for SAP Integration Suite. This guide covers all relevant information for integration developers to start working with the AI adapter. Read this guide carefully before using the adapter.

1.2 Coding Samples

Any software coding and/or code lines/strings ("Code") included in this documentation are only examples and are not intended to be used in a productive system environment. The Code is only intended to better explain and visualize the syntax and phrasing rules of certain coding. The correctness and completeness of the Code given herein are not guaranteed.

1.3 Internet Hyperlinks

The documentation may contain hyperlinks to the Internet. These hyperlinks are intended to serve as a hint about where to find related information. The availability and the correctness of this related information or the ability of this information to serve a particular purpose are not warranted.

1.4 Overview

AI Adapter for SAP Integration Suite facilitates and accelerates connectivity to Generative AI Hub (SAP AI Core) and other AI providers. The available variants are AICore-GenAIHub, Custom-OpenAI-REST, and Custom-Claude-REST.

AICore-GenAIHub allows you to connect to orchestration services in SAP AI Core. This service enables the use of various generative AI models with a unified code, configuration, and deployment.
The Custom-OpenAI-REST of the AI adapter works with the APIs of OpenAI that allows developers to access and integrate with artificial intelligence models into their applications, enabling tasks like text generation, image creation, and more.
Custom-Claude-REST allows you to access various Claude APIs to integrate Claude with your applications.

1.5 Features

The AI Adapter has the following features:

- AI Adapter has the following variants available: **AICore-GenAIHub**, **Custom-OpenAI-REST**, and **Custom-Claude-REST**.
- AI Adapter supports **OAuth2 Client Credential** (*User Credentials)* **API Key alias (***Secure Parameter***)** authentication methods for the AICore-GenAIHub and Custom-OpenAI-REST variant, Custom-Claude-REST respectively.
- AICore-GenAIHub employs harmonized API to allow you to use different foundation models without changing the client code.
- You can configure orchestration to enable consumption of **multiple GenAI models** within a single workflow.
- Custom-OpenAI-REST allows you to access a range of features using APIs like **Chat Completions**, **Platform** and **Responses**.
- Custom-OpenAI-REST and Custom-Claude-REST support **Basic** configuration type that provides a convenient processing capability for supported versions whereas **Advanced** enables proficient users to perform calls with greater control while connecting to any API endpoint.
- Custom-Claude-REST allows you to access various Claude APIs like **Message Batches, Messages, Models, Token Counting**.

2 Installation and Configuration

This section details the prerequisites to install and configure the AI adapter.

> The AI adapter is available as part of your SAP Integration Suite license.

2.1 Adapter Installation on Cloud Foundry

Before the AI adapter can be used in the Cloud Foundry environment, it must be deployed to the SAP Integration Suite tenant.

2.1.1 Prerequisite

To deploy the AI adapter, you must have access to "*AI Adapter for SAP Integration Suite*" as part of your SAP Integration Suite license.

2.1.2 Procedure

> The below installation procedure is compatible with Apache Camel 2, Apache Camel 3, and Edge Integration Cell (EIC) platform.

You can deploy the adapter using the following methods:

2.1.2.1 Adapter Installation by Creating a New Integration Flow

The AI adapter is available for selection in the Sender and Receiver adapter list and can be deployed in the **Design** tab directly as you use it in an Integration flow.

Purpose

To install an adapter for use in your Integration flow.

Procedure

Go to **Design** workspace and select the integration package where you want to create a new Integration flow.

1. Click **Edit** to make the package editable.

2. Go to the **Artifacts** tab. Click **Add** and select **Integration Flow**.
3. Enter the **Name** and **ID** for your flow. Additionally, select **Runtime Profile** from the drop-down and choose **Sender** and **Receiver** systems from the list. Finally, click **Add** to create the integration flow.
4. Go to the newly created integration flow and click **Edit** to make it editable.

    i) For the Sender, in the integration flow add a **Connector** between the **Sender box** and the **Start**.
    ii) For the Receiver, in the integration flow, click **End** to add a **Connector** between the **End** and the **Receiver Box**.

5. A drop-down with the available adapters appears. The **AI** adapter should show up in the list.
6. Select the **AI** adapter from the list.

The adapter is now imported which *triggers* an adapter deployment. Once the AI Adapter is deployed, a success message is *displayed*.

After the above steps are done, the AI Adapter is successfully deployed in your **Design** workspace of the SAP Integration Suite tenant.

2.1.2.2 Adapter Installation without Creating a New Integration Flow

> The following procedure describes how the AI adapter is migrated from the Discover workspace to the Design workspace of the SAP Integration tenant.

This method is useful for scenarios where integration flow packages are migrated from development to a higher environment such as Production. The AI adapter can be imported into the Design workspace without creating an integration flow.

Use the Transport Management Service (TMS) to import/transport the AI adapter to a higher environment. Alternatively, if the TMS is not available in the landscape, the adapter package can be imported into the Design workspace by copying it from the Discover workspace.

Purpose

To import the AI adapter to **Design** workspace by copying the integration package from **Discover** workspace.

Procedure

1. Go to **Discover** workspace.
2. In the search box, search for **AI Adapter for SAP Integration Suite** package.
3. Select the package and click **Copy**.
   This copies the package from the Discover workspace to Design workspace.
4. Go to Design workspace and select the copied **AI Adapter for SAP Integration Suite** package.
5. In the **Actions** tab of the selected package, click **Deploy**.

This completes the adapter deployment to **Design** workspace.

2.1.3 Monitor the Deployment Status

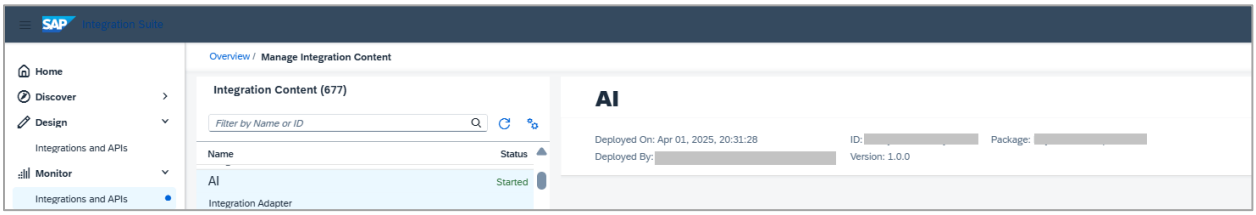
After the adapter deployment is complete, you can check the status in the **Monitor** section.

Purpose

To check the status of the deployed adapter.

Procedure

1. Under the **Monitor** tab, click **Integrations and APIs**. This opens the **Overview** page.
2. On the **Overview** page, go to **Manage Integration Content** section and click **All**.
   This opens **Integration Content** page with a list of all the deployed adapters.
3. Here, you can check and confirm the deployment status of your adapter.



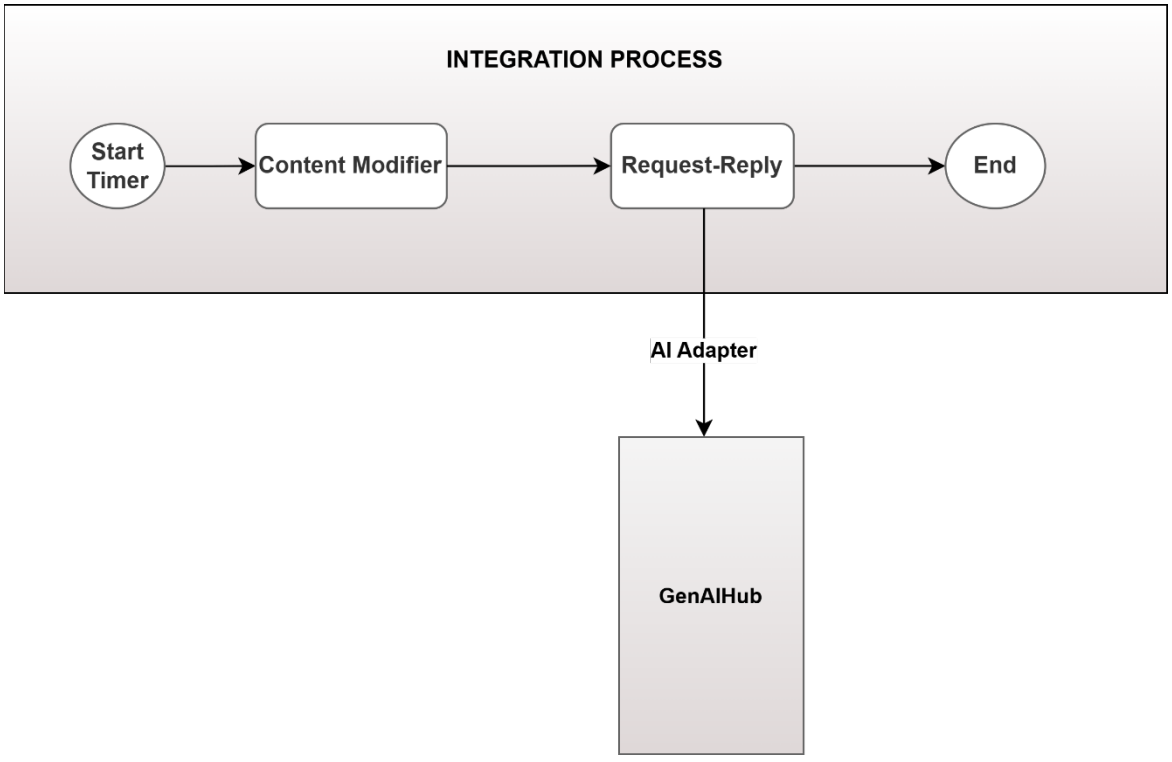
3 Getting Started: AI Adapter

Before you start using the adapter, you can get to know underlying Architecture for the adapter and Application Configuration for AI.

3.1 Architecture Overview

How AI Adapter Works: The AI adapter is designed to function as a receiver adapter. In such a scenario where the adapter is used as a receiver adapter, SAP Integration Suite acts as the initiator of the calls.

SAP Integration Suite tenant sends the operation request to GenAI Hub (SAP AI Core) or OpenAI which works on the request and sends the data back to the SAP Integration Suite tenant.



3.2 Application Configuration

Below are few links to get you started with the application configuration required before you start using the adapter.

3.2.1 GenAIHub in SAP AICore

> For GenAIHub variant, you need an SAP AI Core service instance and service key. Also, you must use the SAP AI Core extended service plan.

- To get started with GenAIHub, see Getting Started with GenAIHub.
- To consume GenAI models using Orchestration, see AI Core Orchestration Consumption.

3.2.2 OpenAI

> As a prerequisite, you must create an OpenAI Account and obtain an API Key to make API calls.

- To get started with OpenAI, see OpenAI Tutorials.
- For more information to set up Authentication, see API Keys.

3.2.3 Claude

To get started with Claude, you need

- An Anthropic Console account.
- An API key.

For more information, see https://platform.claude.com/docs/en/get-started.

3.3 Authentication

AI Adapter supports **OAuth2 Client Credential** *(User Credentials)* and **API Key alias (***Secure Parameter***)** authentication methods for the AICore-GenAIHub and Custom-OpenAI-REST, Custom-Claude-REST variants respectively.

For more information about where to use these parameters, see **Connection** tab.

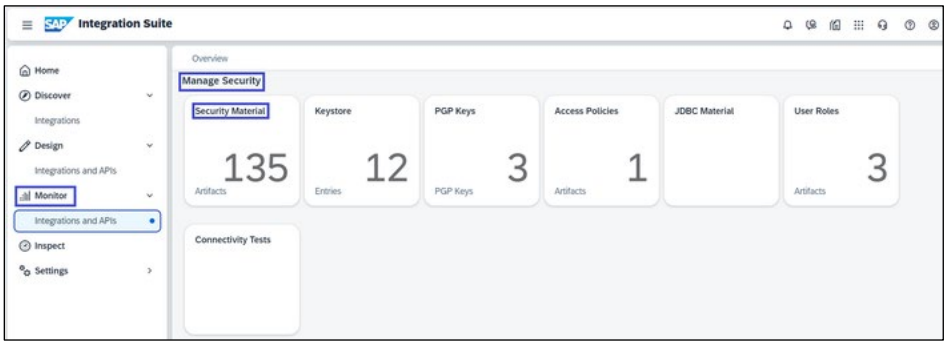
3.3.1 Creating an OAuth2 Client Credential

Purpose

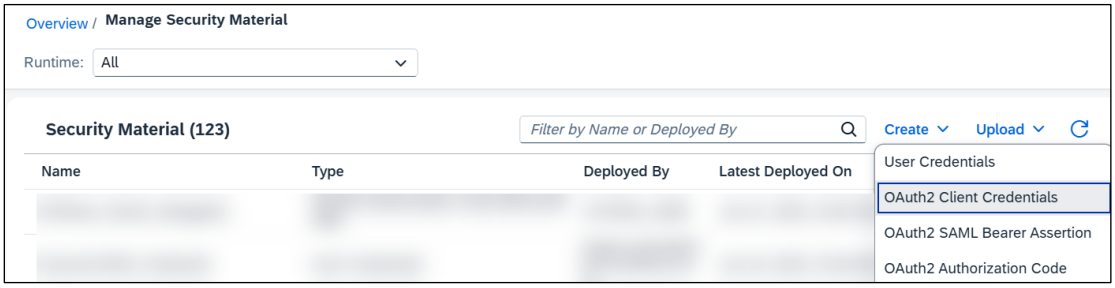
To create credentials in Security Material for **OAuth2 Client Credentials**.

Procedure

1. In SAP Integration Suite, navigate to **Monitor** > **Integrations and APIs**. This opens the **Overview** page.
2. On the **Overview** page, go to **Manage Security** section and click **Security Material**.



3. On **Manage Security Material** page, click **Create** to select **OAuth2 Client Credentials** from the dropdown.



4. In the **Create OAuth2 Client Credentials** popup, provide the below details.

Parameter	Description
Name	Specify the name for the credentials.
Description	Specify the description for the credentials.

Parameter	Description
Token Service URL	Specify the URL of the OAuth2 authorization server that issues the access token. Example: `https://<tenant_id>/oauth/token`
Client ID	Specify the ID of the client to which you are connecting.
Client Secret	Specify the Secret key of the client to which you are connecting. OAuth2 uses a multiple step authentication pattern: Client credentials (Client ID and Client Secret, as specified in the artifact) are used by the client application to initially request an access token. The access token is then used to authorize the client (for as long as the token is valid) to access the server's resources (for example, the resources that are used in the associated integration flow). In many OAuth2 scenarios, the access token is issued (or generated) by an authorization server.
Client Authentication	Select the Client Authentication which allows you to access an application using Client ID and Client Secret. By default, the **Send as Body Parameter** is selected, this option sends the Client ID and Client Secret as a JSON content to the authentication server in the request body. Example: **Send as Request Header**
Scope	Specify the OAuth2 scope information to be included in the request body.
Content Type	Select content type to indicate the media type. To use application permissions in the adapter, deploy an OAuth2 Client Credential security artifact and ensure Content Type is set to **'application/x-www-form-urlencoded'**
Resource	Specify the identifier of the application or service that shares the same client secret. The identifier varies depending on the service that you want to connect with.

Parameter	Description
Audience	Specify the identifier of the application or service that shares the same client secret. The identifier varies depending on the service that you want to connect with.

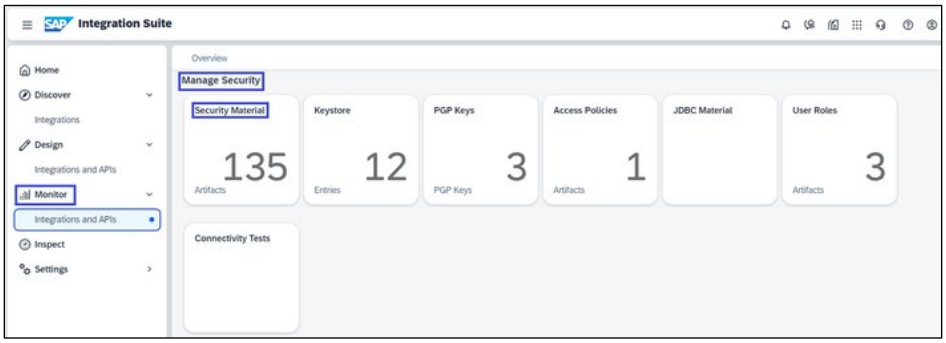
5. Click **Deploy** to complete the process.

   When you refresh the **Manage Security Material** page, the new artifact is displayed (with Type **OAuth2 Client Credentials**) in the artifact table.

3.3.2 Creating a Secure Parameter

The creation of credentials to support the authentication mechanism can be done by the steps below:

1. In SAP Integration Suite, navigate to **Monitor** > **Integrations and APIs**. This opens the **Overview** page.
2. On the **Overview** page, go to **Manage Security** section and click **Security Material**.



3. On **Manage Security Material** page, click **Create** and select **Secure Parameter** from the dropdown.

4. In the Create Secure Parameter popup, provide the below details.

Parameter	Description
Name	Specify the name of the security artifact. The artifact name is used as an alias for the confidential data.
Description	Enter a description for the artifact (optional).
Secure Parameter	Enter the confidential value of the attribute.

Parameter	Description
	For more information to set up Authentication for OpenAI variant, see API Keys. For more information for Claude, see Getting Started with Claude.
Repeat Secure Parameter	Repeat the confidential value of the attribute.

5. Click **Deploy** to complete the process.

When you refresh the **Manage Security Material** page, the new artifact is displayed (with **Secure Parameter**) in the artifact table.

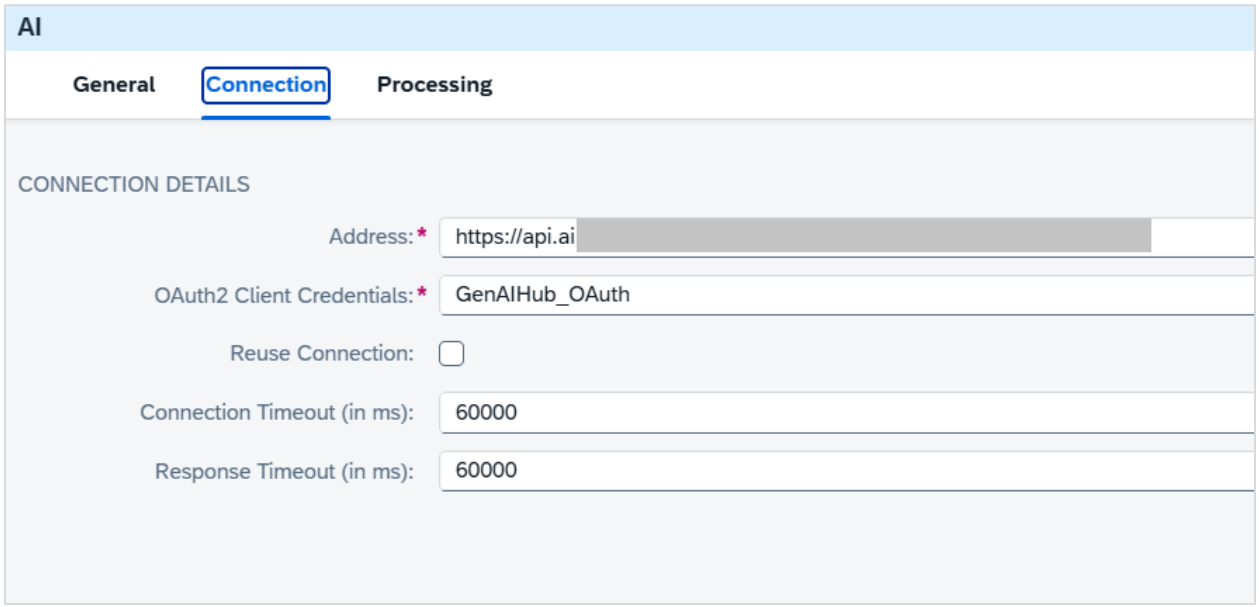
4 AI Adapter Configuration

This section describes the parameters to be configured for the AI Adapter. You need to configure the **Connection** and **Processing** tabs. A description and example usage for each field has been added.

4.1 AICore-GenAIHub

4.1.1 Connection Tab

The **Connection** tab contains connection and authentication parameters.

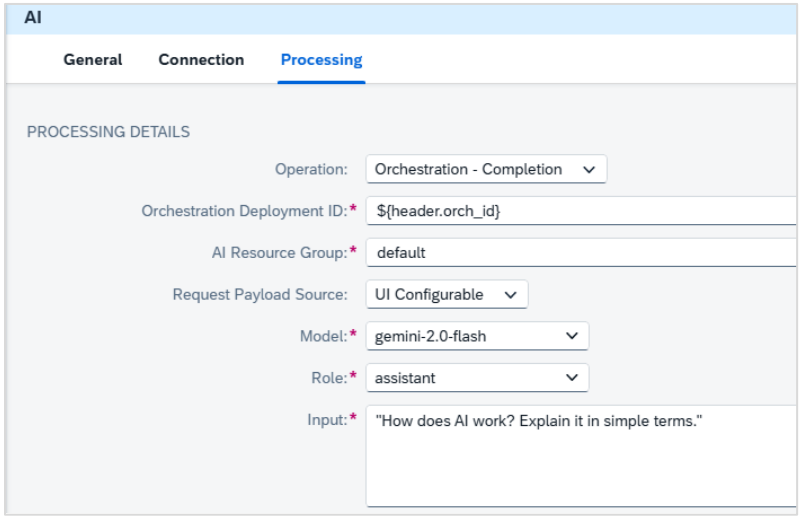


The connection tab contains the following fields:

Parameter	Description
Address	Specify the GenAIHub address. Example: `https://api.ai.{tenant_name}.ml.hana.ondemand.com`

Parameter	Description
OAuth2 Client Credentials	Specify the name of the OAuth2 Client Credentials security artifact. For more information, see OAuth2 Authentication.
Reuse Connection	Enable to reuse the connection.
Connection Timeout(in ms)	Specify the maximum waiting time (in milliseconds) for the connection to be established.
Response Timeout(in ms)	Specify the maximum waiting time (in milliseconds) for a response message.

4.1.2 Processing Tab



The **Processing** tab contains the operational configurations.

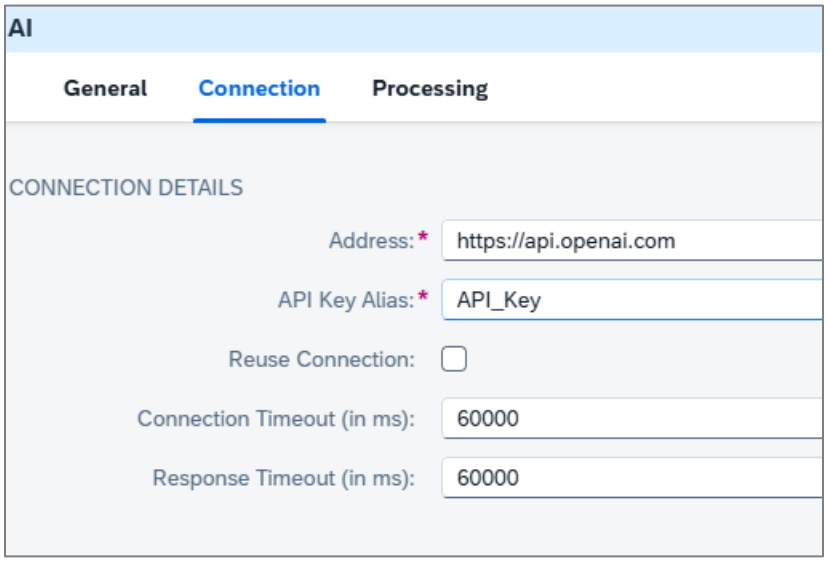
Parameter	Description
Operation	Select the operation from the dropdown.
Orchestration Deployment ID	Specify the Deployment ID for this Orchestration.
AI Resource Group	Specify the AI Resource Group configured for the specific orchestration deployment.

Parameter	Description
Request Payload Source	Select an option to specify the source for request payload: • **Exchange Body** allows you to specify required structure and values. • **UI Configurable** provides user friendly fields to create the payload automatically.
Model	Select the required AI model for your operation. To verify and check availability of models, see Availability of Generative AI Models.
Role	Specify the role to be assumed: • **assistant** • **system** • **user**
Input	Specify the content containing the instruction to be carried out.
Request Headers	Enter a list of custom headers, separated by a pipe (|), to be sent to the target system. Use an asterisk (*) to send all custom headers to the target system. All Camel-specific headers and HTTP protocol headers except "date" are excluded by default even if you specify them.
Response Headers	Enter a list of headers, separated by a pipe (|), coming from the target system's response to be received in the message. Use an asterisk (*) to receive all the headers from the target system, which is also the default value. All Camel-specific headers and HTTP protocol headers except "date" are excluded by default even if you specify them.

4.2 Custom-OpenAI-REST

4.2.1 Connection Tab

The **Connection** tab contains connection and authentication parameters.

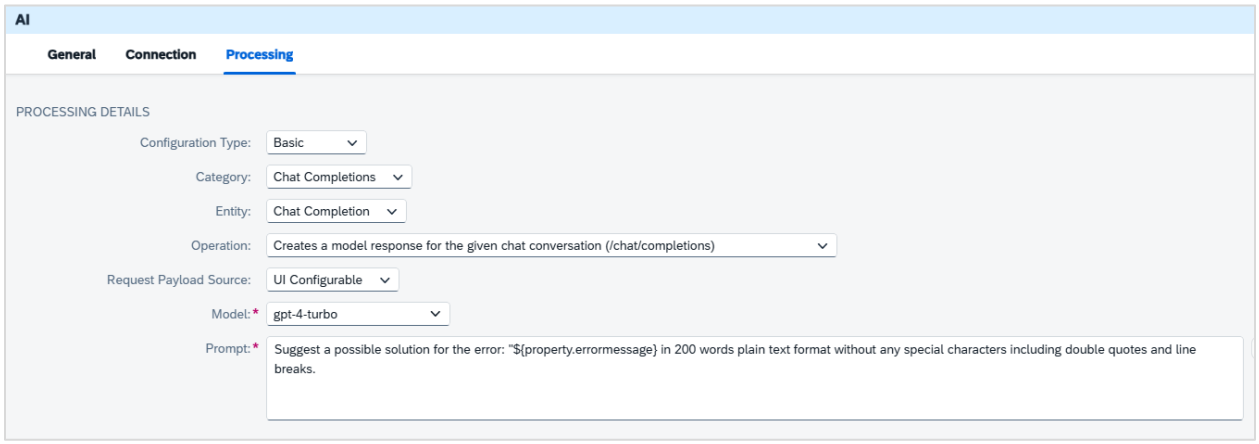


The connection tab contains the following fields:

Parameter	Description
Address	Specify the OpenAI Address. Example: https://api.openai.com
API Key Alias	Specify the API Key alias. For more information, see Creating Secure Parameter in Security Material. The value of API Key Alias must be a combination of <Bearer > and {API Key provided by OpenAI}. Example: Bearer sk-proj-xxxxxx
Reuse Connection	Enable to reuse the connection.

Parameter	Description
Connection Timeout (in ms)	Specify the maximum waiting time (in milliseconds) for the connection to be established.
Response Timeout (in ms)	Specify the maximum waiting time (in milliseconds) for a response message.

4.2.2 Processing Tab



The **Processing** tab contains the operational configurations.

Parameter	Description
Configuration Type	Select the required configuration type: • **Basic** to use the dropdowns and parameter text fields • **Advanced** to specify the relative URL.
Category (Only available if **Configuration Type** is **Basic**)	Select the API based on which the API is selected: • **Chat Completions** • **Platform** • **Responses**
Entity (Only available if **Configuration Type** is **Basic**)	Select the entity based on which the operation will be performed.

Parameter	Description
Operation (Only available if **Configuration Type** is **Basic**)	Select the desired operation from the dropdown.
File Name	Specify the name of the file for upload.
Model	Specify the required AI model for your operation. This field is editable; you can also specify other models if your preferred model is not available in the dropdown.
Request Payload Source	Select an option to specify source for request payload: • **UI Configurable** provides user friendly fields to create the payload automatically. • **Exchange Body** allows you to specify required structure and values.
Mask Attachment Name (Only available when the **Operation** is selected as **Creates an edited or extended image (/images/edits**)	Specify an additional image file whose fully transparent areas indicate where image should be edited. It must be a valid PNG file, less than 4MB, should have the same dimensions as image.
Include (Only available when the **Operation** is selected as **Transcribes audio into the input language (/audio/transcriptions)**)	Specify additional information to be included in the transcription response. Example: logprobs For multiple values, use comma separated values.

Parameter	Description
Language (Only available when the **Operation** is selected as **Transcribes audio into the input language (/audio/transcriptions)**)	Specify the language of the input audio in ISO-639-1 format. Example: en
Input (Only available when the **Operation** is selected as **Generates audio from the input text(/audio/speech)** or **Creates a moderation (/moderations)**)	Specify the text for the input body field.
Voice (Only available if **Operation** is selected as **Generates audio from the input text(/audio/speech)**)	Select the voice to be used to generate the audio.
Instructions (Only available if **Operation** is selected as **Generates audio from the input text(/audio/speech)**)	Control the voice of your generated audio with additional instructions.

Parameter	Description
Prompt (Only available if **Operation** is selected as **Creates a model response (/responses)** or **Creates a model response for the given chat conversation (/chat/completions)** or **Creates an edited or extended image (/images/edits)**) or **Creates an image given a prompt(/images/generations)**)	Specify the content containing the instruction to be carried out.
Number of Images (Only available when **Operation** is selected as **Creates a variation of a given image (/images/variations)** or **Creates an edited or extended image (/images/edits)**)	Specify the number of images to be generated. The value ranges from 1 to 10.

Parameter	Description
Response Format (Only available when **Operation** is selected as **Creates a variation of a given image (/images/variations)** or **Creates an edited or extended image (/images/edits)**) or **Transcribes audio into the input language (/audio/transcriptions)** or **Translates audio into English (/audio/translations)** or **Generates audio from the input text(/audio/speech)**)	Specify the output format. Example: srt,url
Temperature (Only available if **Operation** is selected as **Transcribes audio into the input language (/audio/transcriptions)** or **Translates audio into English(/audio/translations)**)	Specify the sampling temperature. This value must be between 0 and 1. Example: 0.8
Timestamp Granularities (Only available when **Operation** is selected as **Transcribes audio into the input language (/audio/transcriptions)**)	Specify comma separated values to timestamp output at the segment, word level, or both.

Parameter	Description
Speed (Only available when **Operation** is selected as **Generates audio from the input text(/audio/speech)**)	Specify the speed of the generated audio.
Size (Only available when **Operation** is selected as **Creates a variation of a given image (/images/variations)** or **Creates an edited or extended image (/images/edits)**)	Select the image size from the dropdown.
User (Only available when **Operation** is selected as **Creates a variation of a given image (/images/variations)** or **Creates an edited or extended image (/images/edits)**)	Specify the unique identifier representing your end-user. Example: user_343211
Purpose Only available if **Operation** is selected as **Upload a File (/files)**)	Select a value from the dropdown to indicate the purpose of the uploaded file.
Operation Parameters	Specify the **Name** and **Value** in case the resource path includes parameters. Example: Set **Name** as propertyKey and **Value** as 76548

Parameter	Description
HTTP Method (Only available if **Configuration Type** is **Advanced**)	Select the required HTTP method from the available dropdown.
Relative URL (Only available if **Configuration Type** is **Advanced**)	Specify the endpoint path, excluding the Host. Example: `/v1/files/file-abc123/content`
Query	Specify the query that should be transferred with the HTTP request. Example: `param1=value1&param2=value2`
Send Body (Only available when **HTTP Method** is **GET** or **DELETE**)	Enable this checkbox if you want to send the body of the message with the request. For methods GET and DELETE, the body isn't sent by default.
Request Headers	Enter a list of custom headers, separated by a pipe (|), to be sent to the target system. Use an asterisk (*) to send all custom headers to the target system. All Camel-specific headers and HTTP protocol headers except "date" are excluded by default even if you specify them.
Response Headers	Enter a list of headers, separated by a pipe (|), coming from the target system's response to be received in the message. Use an asterisk (*) to receive all the headers from the target system, which is also the default value. All Camel-specific headers and HTTP protocol headers except "date" are excluded by default even if you specify them.

4.3 Custom-Claude-REST

4.3.1 Connection

The **Connection** tab contains connection and authentication parameters.

Parameter	Description
Address	Specify the Anthropic Address. Example: `https://api.anthropic.com`
API Key Alias	Specify the API Key alias. For more information, see Creating Secure Parameter in Security Material.
Reuse Connection	Enable to reuse the connection.
Connection Timeout (in ms)	Specify the maximum waiting time (in milliseconds) for the connection to be established.
Response Timeout (in ms)	Specify the maximum waiting time (in milliseconds) for a response message.

4.3.2 Processing

The **Processing** tab contains the operational configurations

Parameter	Description
Configuration Type	Select the required configuration type: • **Basic** to use the dropdowns and parameter text fields • **Advanced** to specify the relative URL.
Entity	Select the API entity to interact with .: • **Message Batches** • **Messages** • **Models** • **Token Counting**
Operation	Select the API operation to perform.
Request Payload Source *(*Only available when **Operation** is **Create a Message (/v1/messages)** or **Create a Message Batch (/v1/messages/batches**)	Select an option to specify source for request payload: • **UI Configurable** provides user friendly fields to create the payload automatically. • **Exchange Body** allows you to specify required structure and values.
Custom ID (Only available when **Operation** is **Create a Message Batch (/v1/messages/batches)**)	Specify the customId for matching results to requests. Example: `my-custom-id-1`
Model (Only available when **Operation** is **Create a Message (/v1/messages)** or **Create a Message Batch (/v1/messages/batches))**	Select the required AI model for your operation. Example: `claude-opus-4-1-20250805`

Parameter	Description
Messages (Only available when **Operation** is **Create a Message (/v1/messages)** or **Create a Message Batch (/v1/messages/batches)**	Specify the **Content** value and a **Role** for your request. This is to define the input messages for the request. Rows can be added or deleted using the **Add**/**Delete** buttons.
Max Tokens (Only available when **Operation** is **Create a Message (/v1/messages)** or **Create a Message Batch (/v1/messages/batches)**	Specify the maximum number of tokens that are allowed to be generated in the response. Example: `1024`
Operation Parameters (Only available when **Operation** is **Cancel a Message Batch (/v1/messages/batches/:message_batch_id/cancel)**, **Delete a Message Batch (/v1/messages/batches/:message_batch_id), Retrieve a Message Batch (/v1/messages/batches/:message_batch_id), Retrieve Message Batch results (/v1/messages/batches/:message_batch_id/results),** or **"Get a Model (/v1/models/:model_id)"**	Specify the **Name** and **Value** in case the resource path includes parameters. Example: Set **Name** as `propertyKey` and **Value** as `76548` A table used to specify operation-specific parameters as name-value pairs to be sent with the request. Rows can be added or deleted using the **Add**/**Delete** buttons.
Query (Only available when **Operation** is **List Message Batches (/v1/messages/batches)** or **List Models (/v1/models))**	Specify the query that should be transferred with the HTTP request. Example: `param1=value1&param2=value2`
HTTP Method (Only available if **Configuration Type** is **Advanced**)	Select the required HTTP method from the available dropdown.

Parameter	Description
Relative URL (Only available if **Configuration Type** is **Advanced**)	Specify the endpoint path, excluding the Host. Example: `/v1/files/file-abc123/content`
Send Body (Only available when **HTTP Method** is **GET** or **DELETE**)	Enable this checkbox if you want to send the body of the message with the request. For methods GET and DELETE, the body isn't sent by default.
Request Headers	Enter a list of custom headers, separated by a pipe (|), to be sent to the target system. Use an asterisk (*) to send all custom headers to the target system. All Camel-specific headers and HTTP protocol headers except "date" are excluded by default even if you specify them.
Response Headers	Enter a list of headers, separated by a pipe (|), coming from the target system's response to be received in the message. Use an asterisk (*) to receive all the headers from the target system, which is also the default value. All Camel-specific headers and HTTP protocol headers except "date" are excluded by default even if you specify them.

5 AI Adapter Operations

This section describes some of the operations supported by the AI adapter.

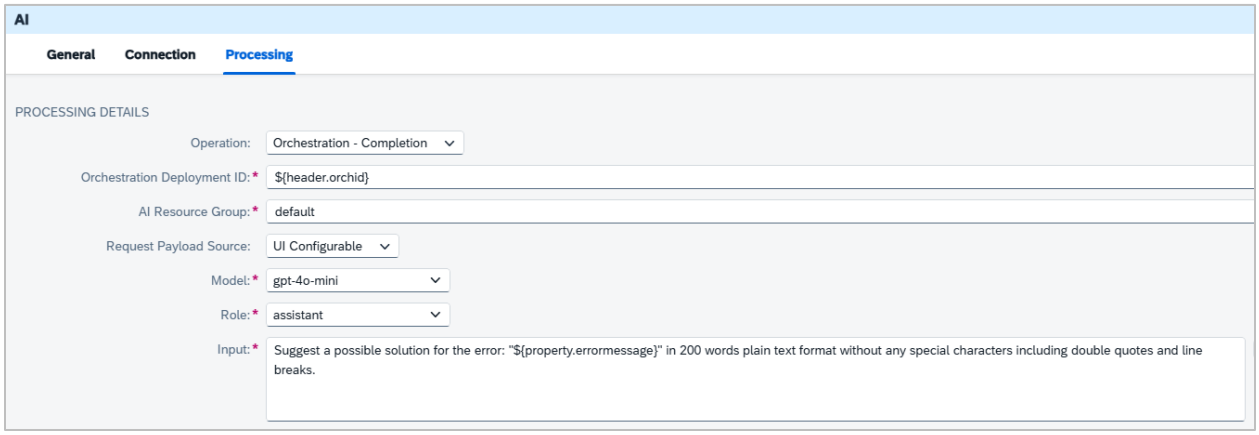
Note: Each operation requires a specific set of permissions depending on the entity and operation.

5.1 AICore-GenAIHub

5.1.1 Using UI Configurable

Selecting the **UI Configurable** option allows you to conveniently create the payload by populating fields in the **Processing** tab.

For this example, after selecting the desired **model**, the **role** is set to `user` and content is specified in the **Input** text field.

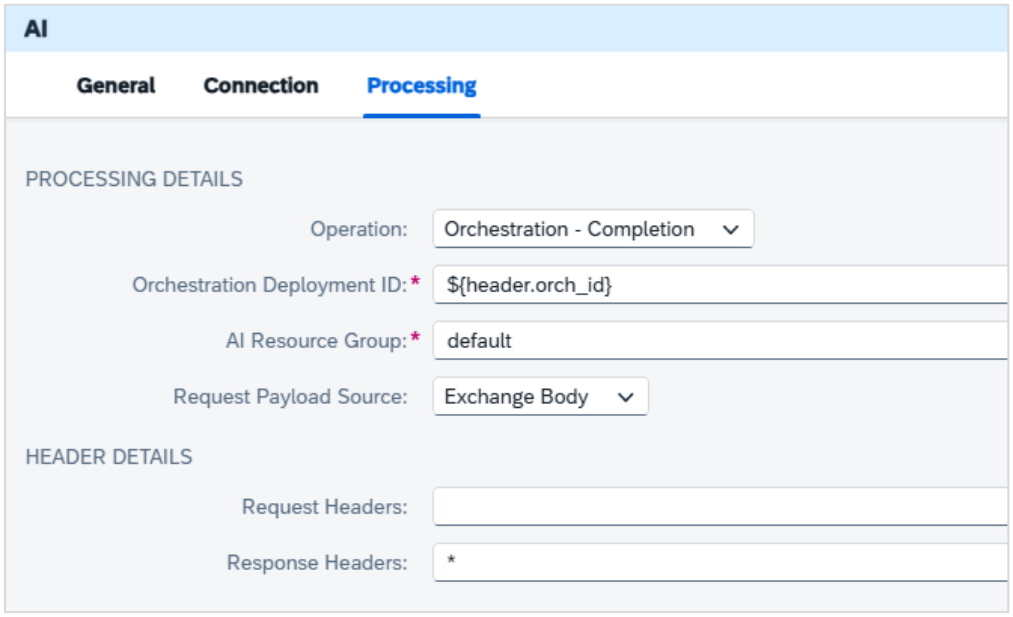


Response:

```
The error 'org. apache. camel.CamelException: No key pair found
for Private Key Alias: suggests an issue with the configuration
related to accessing data using the current framework.
```

For the complete list of descriptions about the fields below, refer to Processing tab under Custom-OpenAI-REST.

5.1.2 Using Exchange Body



Alternatively, you can specify the request payload using the Exchange Body as shown below:

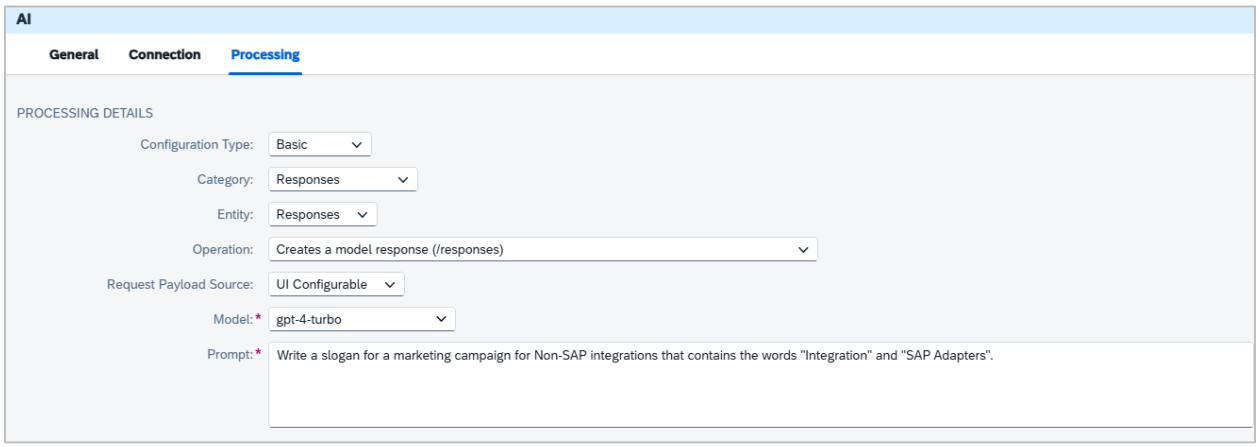
```
{
    "orchestration_config": {
        "module_configurations": {
            "templating_module_config": {
                "template": [
                    {
                        "role": "user",
                        "content": "How to create an integration flow"
                    }
                ]
            },
            "llm_module_config": {
                "model_name": "gpt-4o-mini"
            }
        }
    }
}
```

For the complete list of descriptions about the fields below, refer to Processing tab under AICore-GenAIHub.

5.2 Custom-OpenAI-REST

5.2.1 Creates a model response (/responses)

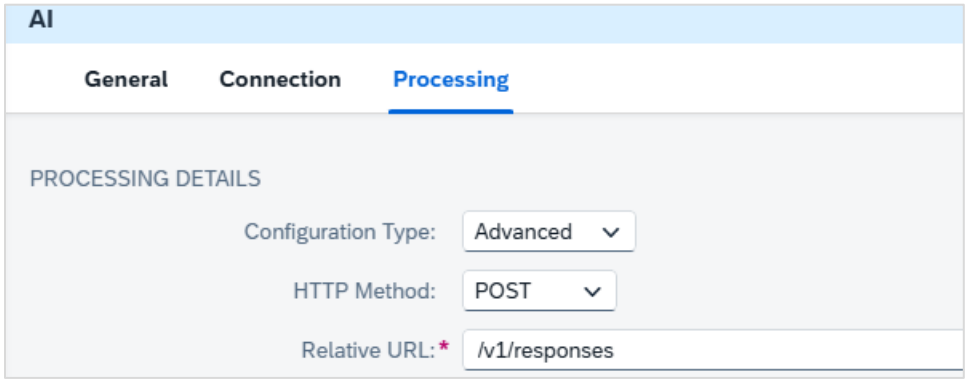
This operation allows you to create a response based on input **Prompt** using your preferred **Model**. The response includes text or JSON outputs.



You can perform the same operation using **Advanced** configuration as well. Select HTTP Method as **POST** and specify the Relative URL as `/v1/responses`

Payload:

```
{
  "model": "gpt-4.1-mini",
  "input": "Write a slogan for a marketing campaign for Non-SAP Integrations
that contains Integration and SAP Adapter",
  "temperature": 0.7,
  "max_output_tokens": 200
}
```



Response: (This is a partial excerpt)


```
"content": [
        {
          "type": "output_text",
          "annotations": [],
          "logprobs": [],
          "text": "Seamless Integration, Powerful SAP Adapter \u2014
Connecting Your Business Beyond Boundaries!"
        }
      ]
```

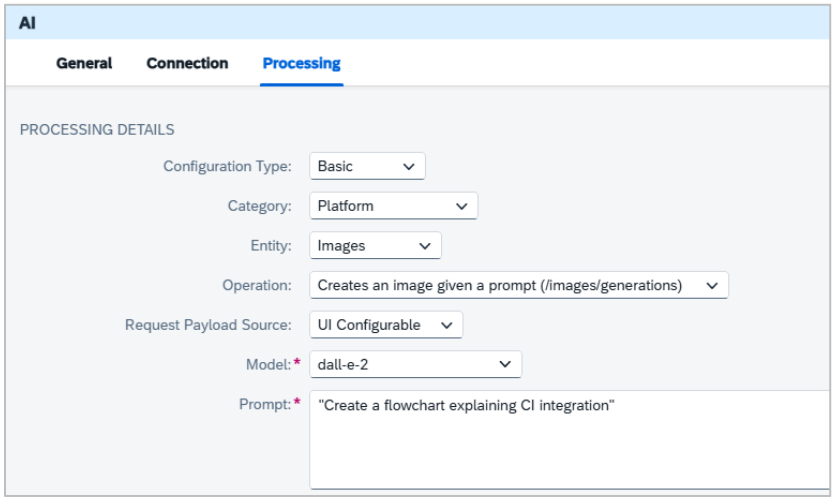

For the complete list of descriptions about the fields below, refer to Processing tab under Custom-OpenAI-REST.

For more information about operation parameters, see Create a Model Response.

5.2.2 Creates an image given a prompt (/images/generations)

The **Category** specifies the API that you want to interact with. After selecting the required **Entity**, the **Operation** allows you to specify the action to be performed.

Select an available **Model** of your choice and provide an appropriate **Prompt** to get the desired image output.

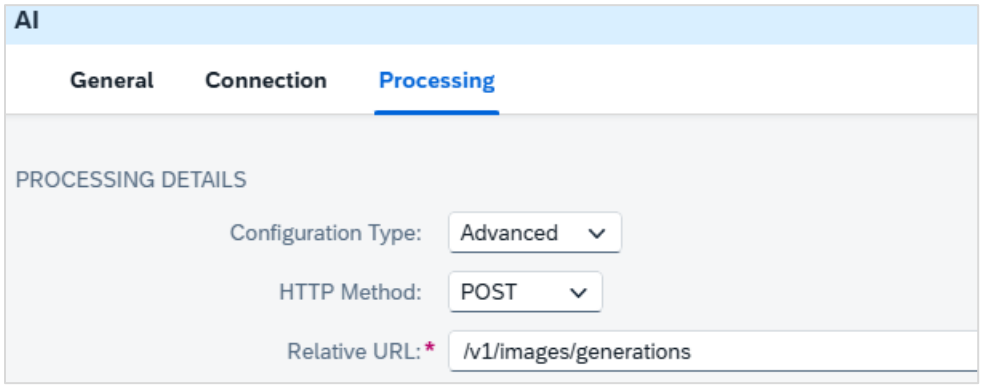


You can perform the same operation using **Advanced** configuration as well. Select HTTP Method as **POST** and specify the Relative URL as `/v1/images/generations`

Payload:


```
{
"model": "dall-e-2",
```

```
"prompt": "A futuristic SAP data centre glowing with blue neon lights, in a
city, ultra-realistic.",
"size": "1024x1024",
"n": 1
}
```



Response:

```
{
"created": 1561140318,
"data": [
{
"url": "<url with a link to the image>"
}
]
}
```

For the complete list of descriptions about the fields below, refer to Processing tab under Custom-OpenAI-REST.

For more information about operation parameters, see Create Image.

5.3 Custom-Claude-REST

5.3.1 Create a Message Batch (v1/messages/batches)

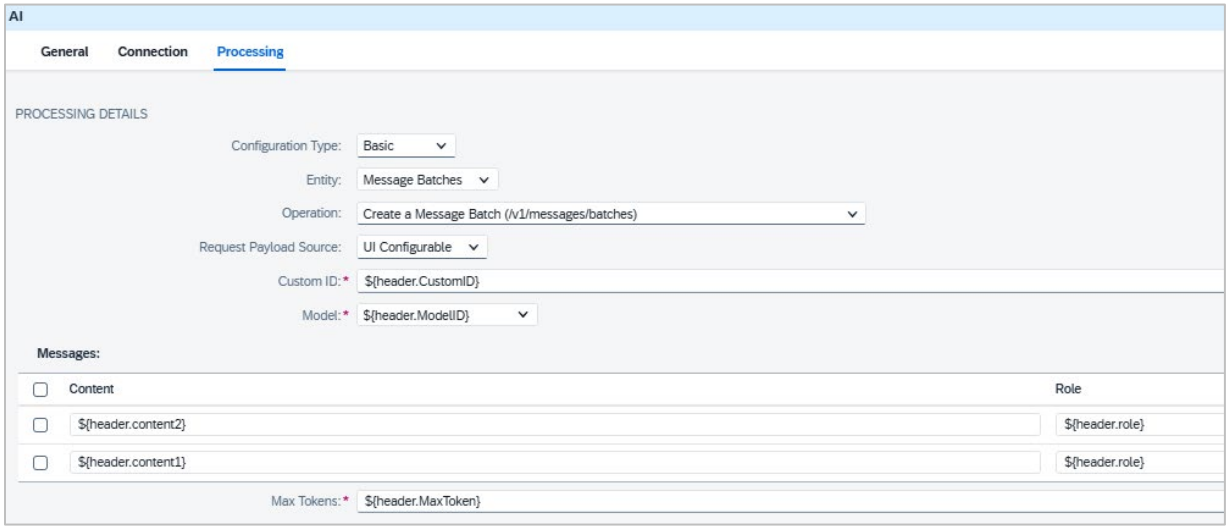
This operation allows you to send a batch of message requests to be processed. You are required to provide a list of requests for your prompts.

UI Configurable:

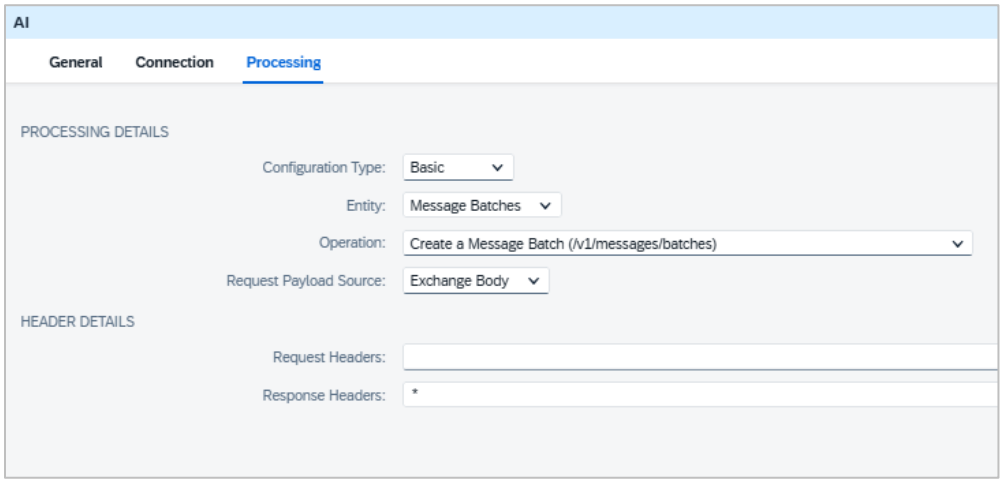
An individual request requires **Custom ID** and message creation parameters like **Model**, **Max Tokens**, and **Messages** (**Content** and **Role**).

You can specify multiple message requests with different content, roles, models and max tokens for each request.

The example below shows the UI Configurable option for this operation.



Request Source Payload :



This option allows you to provide the required input using body.

```
{
          "requests": [
            {
              "custom_id": "first-request",
              "params": {
                "max_tokens": 1024,
                "messages": [
                  {
                    "content": "Hi, I want to build an integration flow in
SAP Integration Suite.",
                    "role": "user"
                  }
                ],
                "model": "claude-opus-4-6"
              }
            }
          ]
[
            {
              "custom_id": "second-request",
              "params": {
                "max_tokens": 1024,
                "messages": [
                  {
                    "content": "Can you let me know the available adapters in
SAP Integration Suite",
                    "role": "user"
                  }
                ],
                "model": "claude-opus-4-6"
              }
            }
          ]
```

}

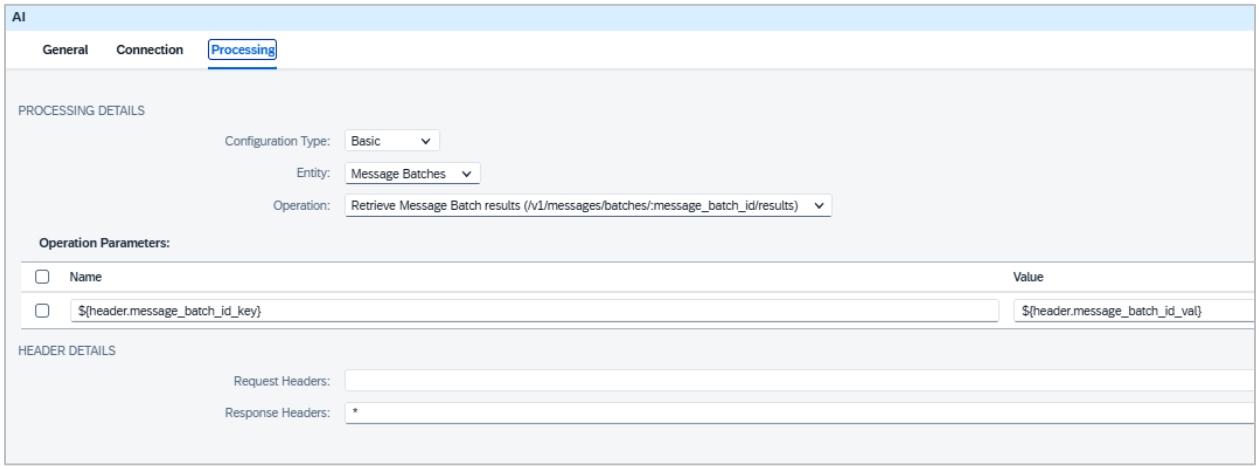
For the complete list of descriptions about the fields below, refer to Processing tab under Custom-Claude-REST.

For more information about operation parameters, see Create a Message Batch.

5.3.2 Retrieve Message Batch results (/v1/messages/batches/:message_batch_id/results)

The output includes the results of a Message Batch (once it is complete) in the form of a JSON file.

You need to provide message_batch_id parameter along with its value to fetch the results.



The id is available in the response of Create a Message Batch(v1/messages/batches) operation.

For the complete list of descriptions about the fields below, refer to Processing tab under Custom-Claude-REST.

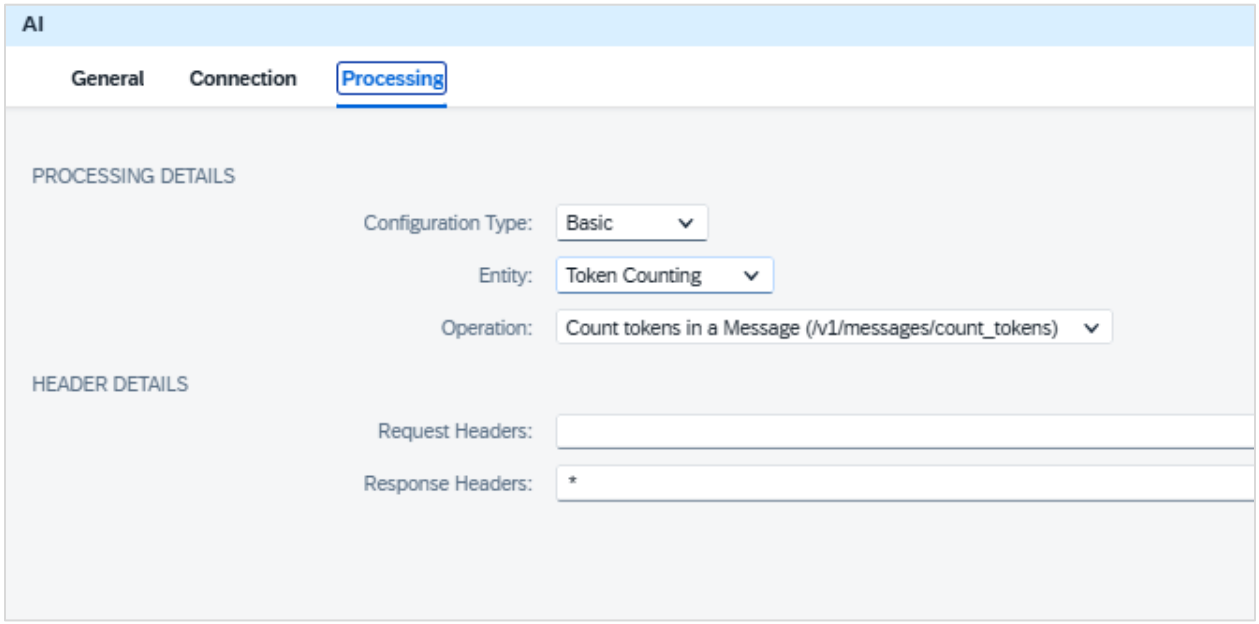
For more information about operation parameters, see Retrieve a Message Batch.

5.3.3 Count tokens in a Message (/v1/messages/count_tokens)

Allows you to count the number of tokens in a Message, including tools, images, and documents, without creating it.

You can specify parameters like **messages** and **model** to count tokens that will be consumed for your scenario.

Additionally, various other parameters like **thinking** to specify your mode, **tools** to define the tools that you may use.



Request:

```
{
  "model": "claude-sonnet-4-20250514",
  "messages": [
    {
      "role": "user",
      "content": "Fetch me the blogs available for AI on sap blogs."
    }
  ]
}
```

Response:

```
{
  "input_tokens": XXXX
}
```

For the complete list of descriptions about the fields below, refer to Processing tab under Custom-Claude-REST.

For more information about operation parameters, see Count tokens in a Message.