GenAI Tool: Email Generator

Connected System Plugin for **Appian**

Appian Corporation

Version 1.0.9

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Overview

The Email Generator Connected System allows developers to generate mail content with the help of OpenAI services. It allows users to choose the tone of the mail (Formal, Friendly, Casual and Extra casual) with email length.

Developers can leverage their email generation capabilities through Appian with this connected system by entering the credentials retrieved from either OpenAI or Azure OpenAI Studio. This documentation outlines the process of obtaining and leveraging these credentials within the Appian platform.

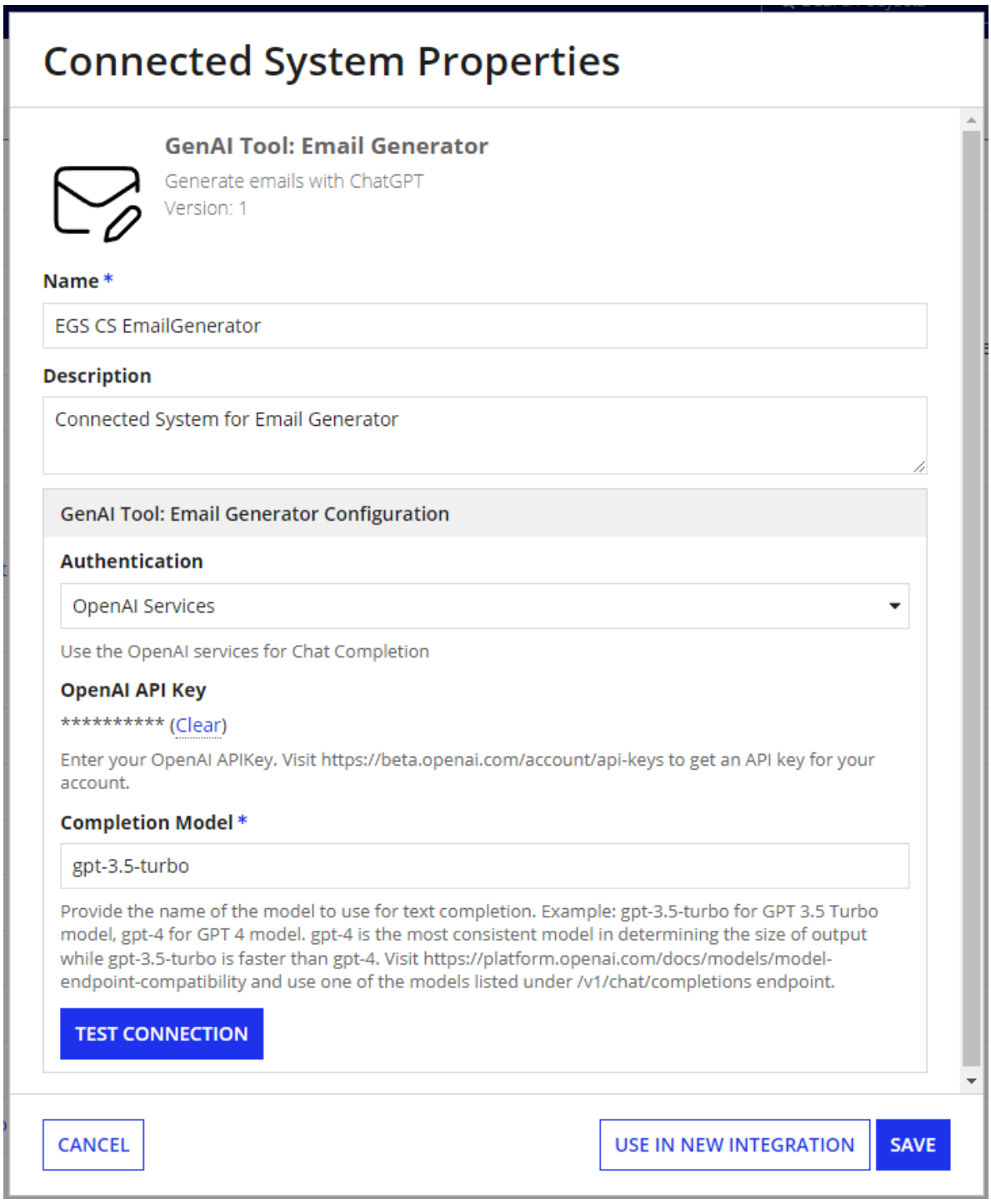
Privacy Policy
All information passed through AI tools will be processed and may remain with the organizations that develop those tools. Please exercise caution with what information is disclosed to the AI tool for this reason.

Features

- Generate Email

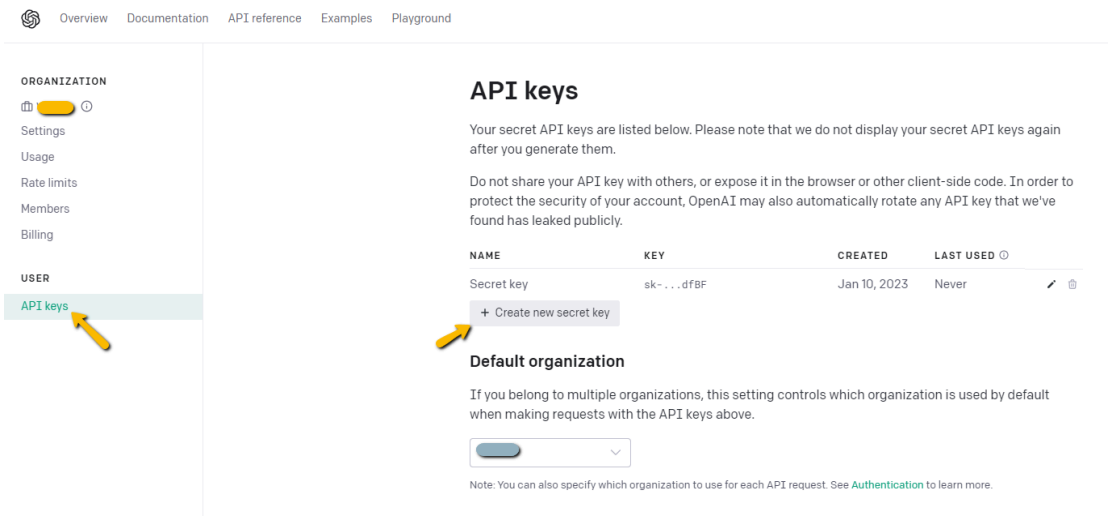
Connected System Configuration

1. OpenAI Embedding



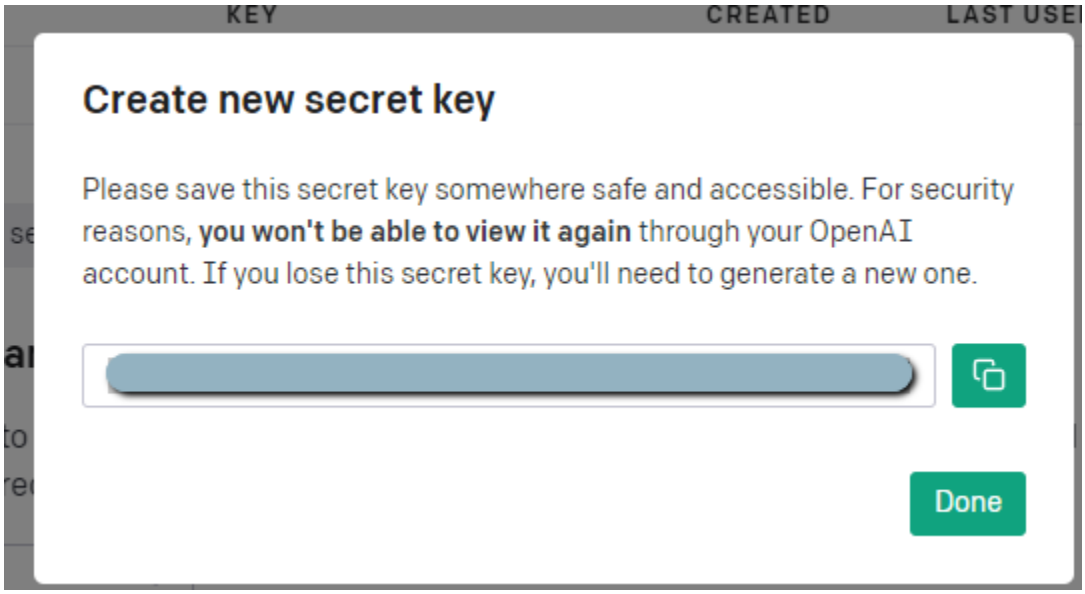
The GenAI Tool: Email Generator Connected system with OpenAI authentication requires the following credentials: OpenAI API Key and Completion model.

- Go to the OpenAI console. Make sure that the **API keys** menu is selected.



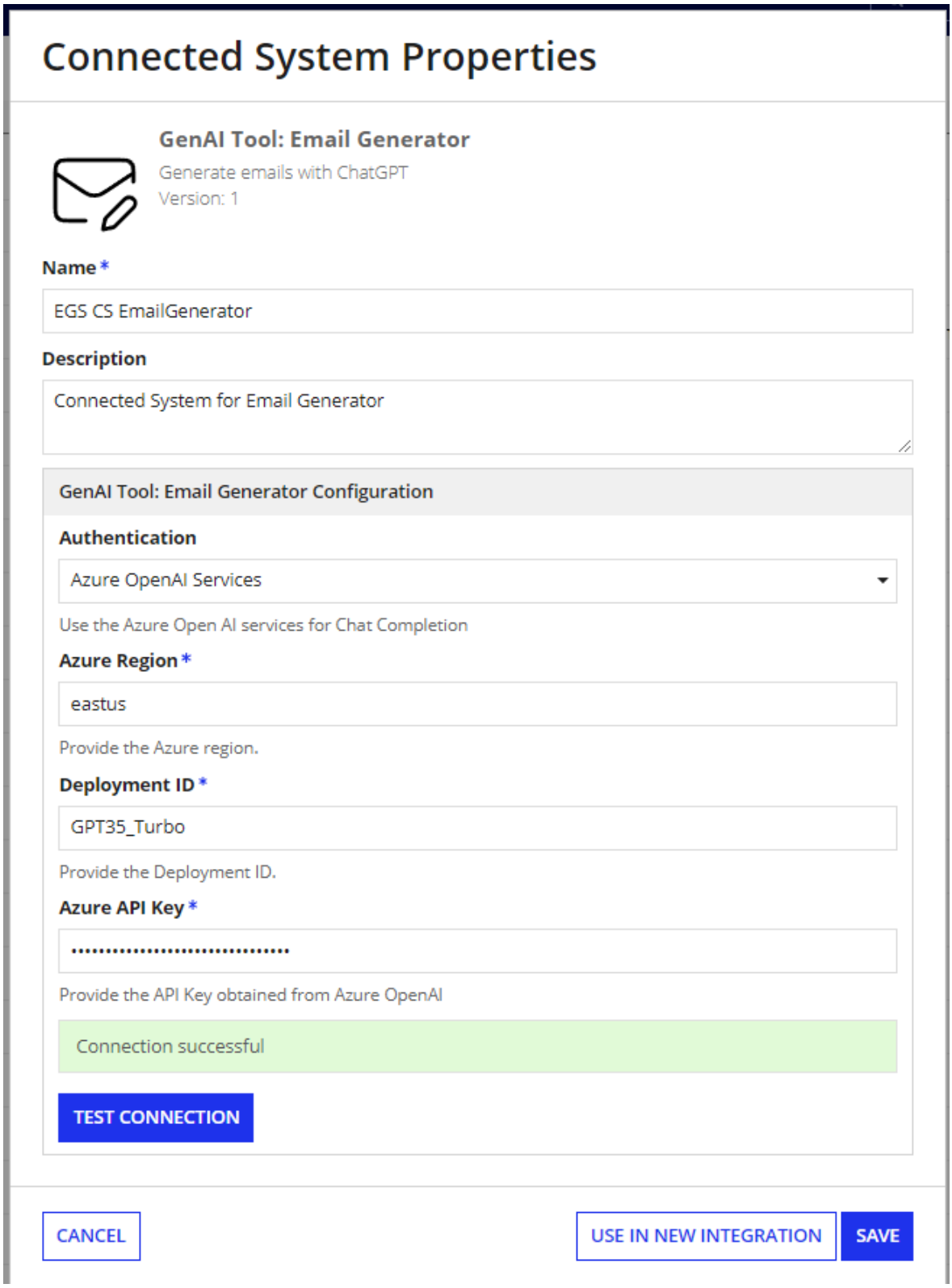
Click on **Create new secret key** to generate a new API key.

- Copy the value and save it separately as we won't be able to access it again. Paste the API key in the connected system dialog box.



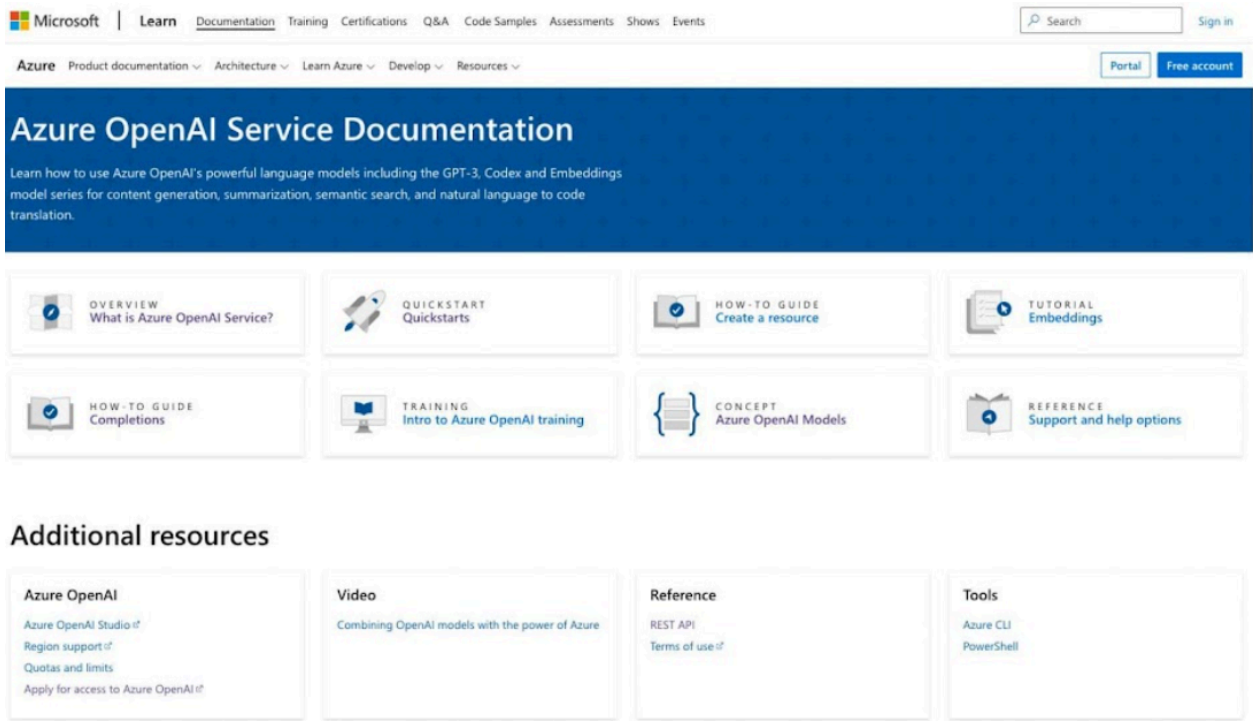
- Provide the completion model you want to use in the Completion Model field. Visit https://platform.openai.com/docs/models/model-endpoint-compatibility and use one of the models listed under /v1/chat/completions endpoint. Example: gpt-3.5-turbo for GPT 3.5 Turbo model, gpt-4 for GPT 4 model.

2. Azure OpenAI Embedding

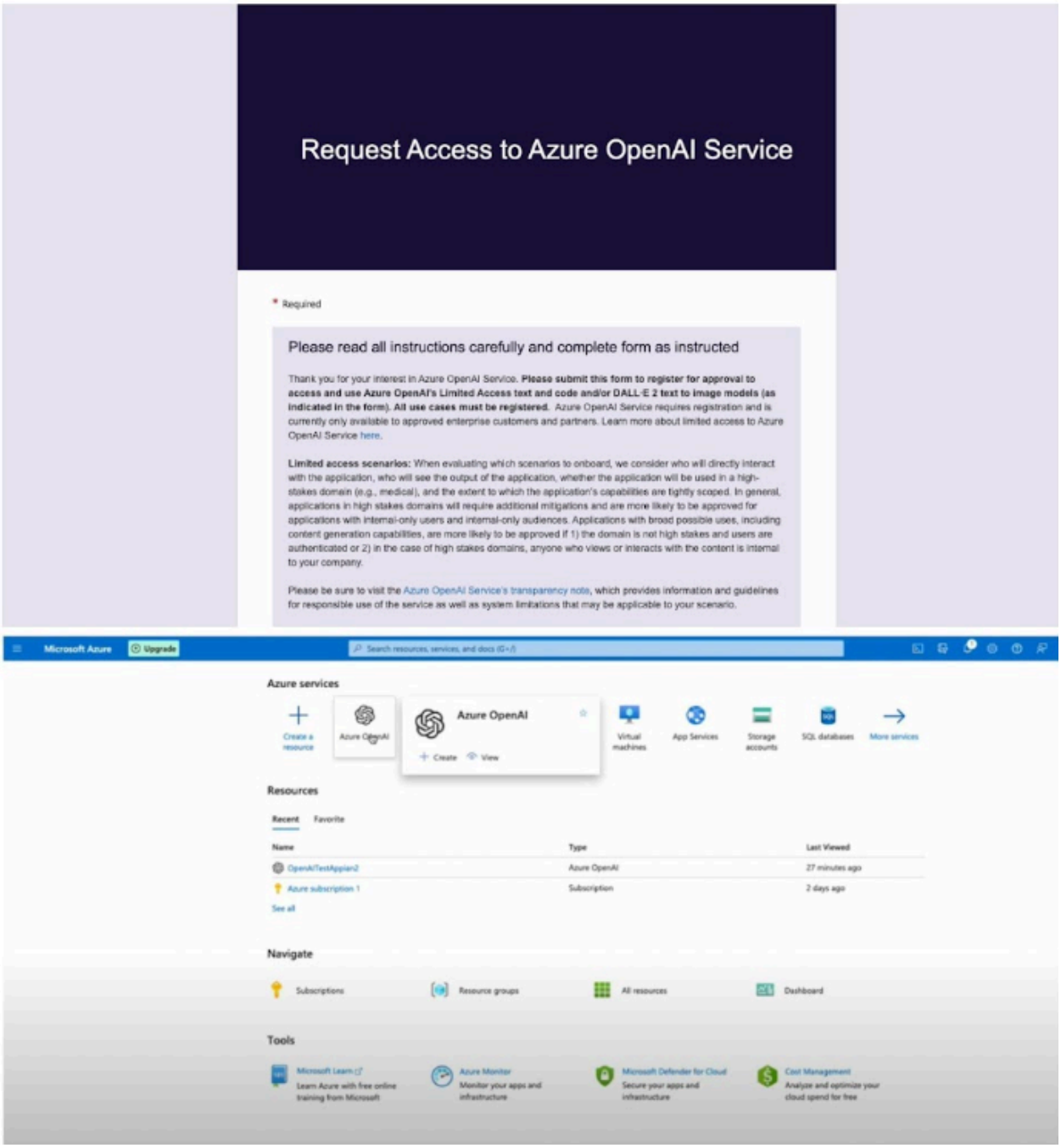


This authentication requires the following credentials: Azure Region, Azure Deployment ID and Azure API Key. Follow these steps to get the Azure credentials.

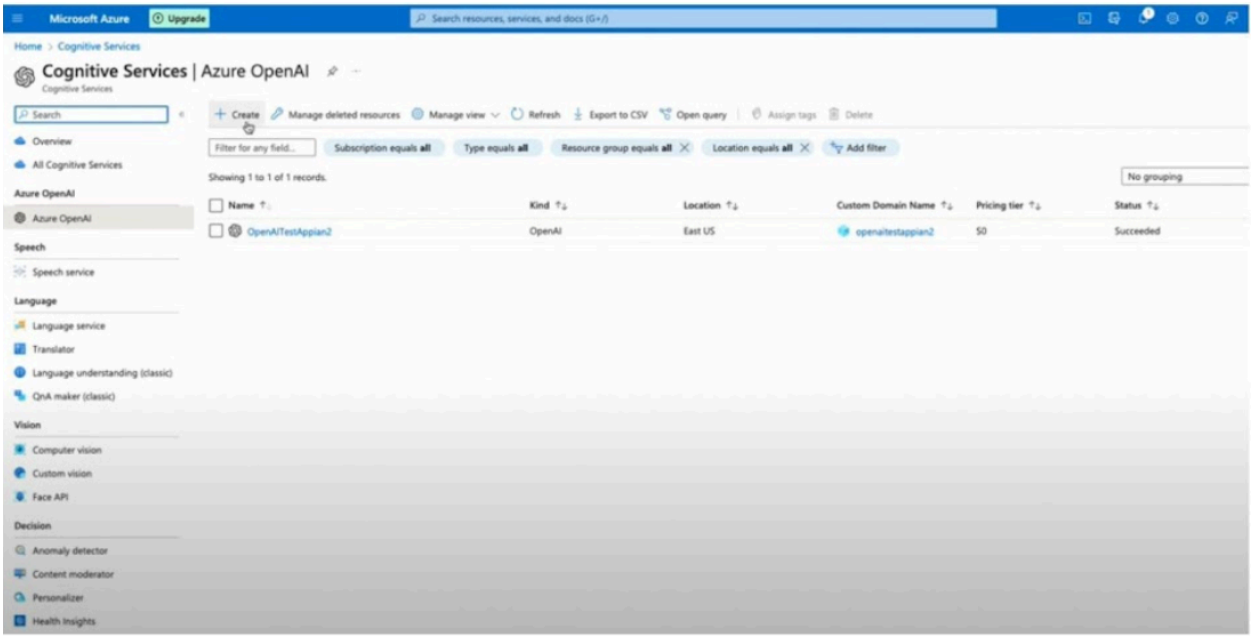
1. Navigate to Azure's OpenAI API docs and ensure you have met the listed prerequisites. View the prerequisites by selecting "Quickstarts." If you have not already done so, create an Azure subscription.
2. Apply for access to Azure OpenAI services by completing the form here. You will need your subscription ID from the previous step.



3. Create a service and set domain name.



4. Within your service, create and access API keys through "Keys and Endpoints" under Resource Management.
5. Deploy OpenAI models through the Azure OpenAI Studio. Information generated from these deployments will be needed to use the connected system. This information can be accessed through the "Deployments" tab in Azure OpenAI Studio.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Custom vision
Face API
Decision
Anomaly detector
Content moderator
Personalizer
Health Insights
Create
Manage deleted resources
Manage view
Refresh
Export to CSV
Open query
Assign tags
Delete
Filter for any field...
Subscription equals all
Type equals all
Resource group equals all
Location equals all
Add filter
Showing 1 to 1 of 1 records.
No grouping
Name
Kind
Location
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Pricing tier
Status
OpenAITestAppian2
OpenAI
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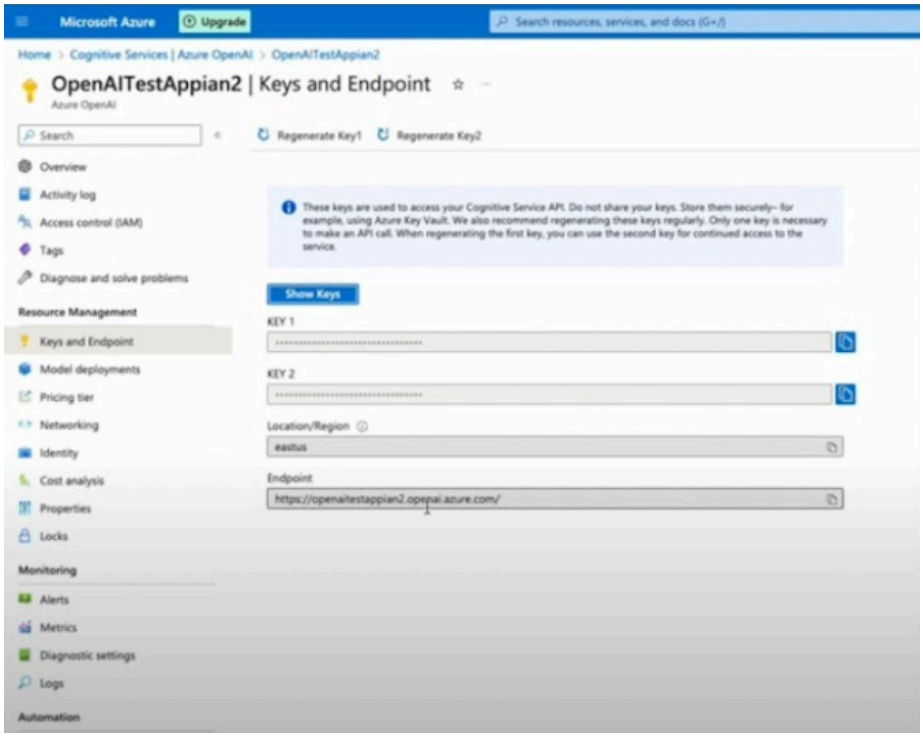
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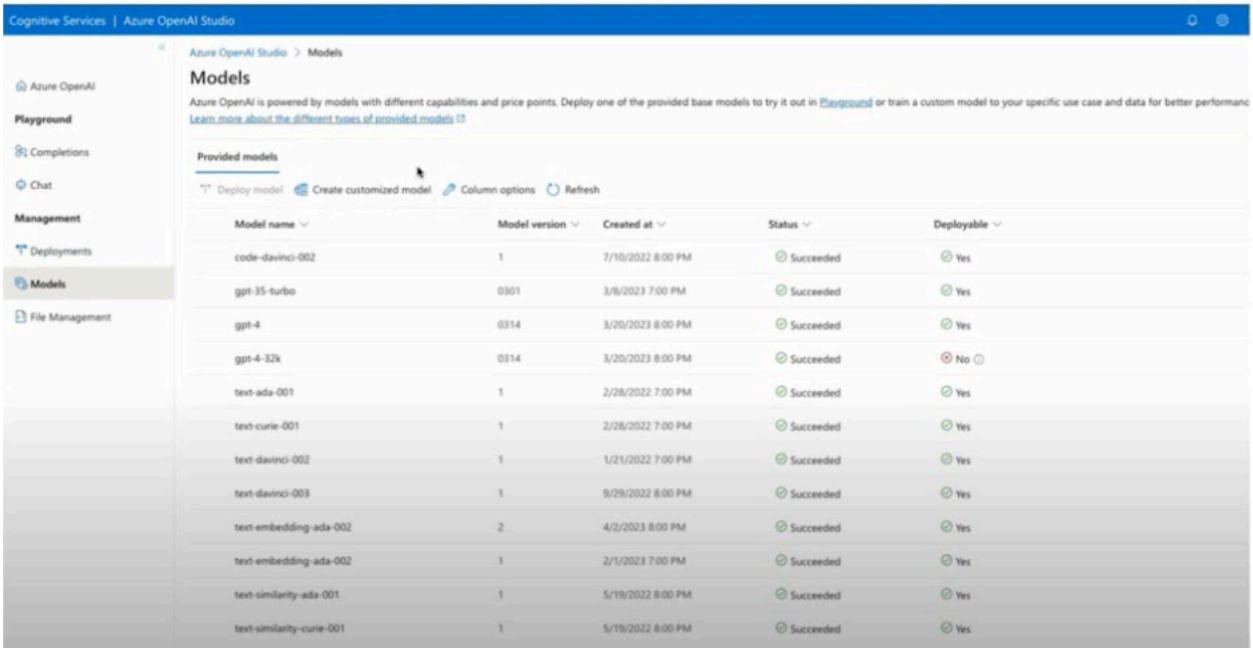
Keys and Endpoint
Model deployments
Pricing tier
Networking
Identity
Cost analysis
Properties
Locks
Monitoring
Alerts
Metrics
Diagnostic settings
Logs
Automation
These keys are used to access your Cognitive Service API. Do not share your keys. Store them securely– for example, using Azure Key Vault. We also recommend regenerating these keys regularly. Only one key is necessary to make an API call. When regenerating the first key, you can use the second key for continued access to the service.
Show Keys
KEY 1
KEY 2
Location/Region
eastus
Endpoint
https://openaitestappian2.openai.azure.com/



Integration

Generate mail content based on the inputs provided by the user.

ChatGPT Prompt used:

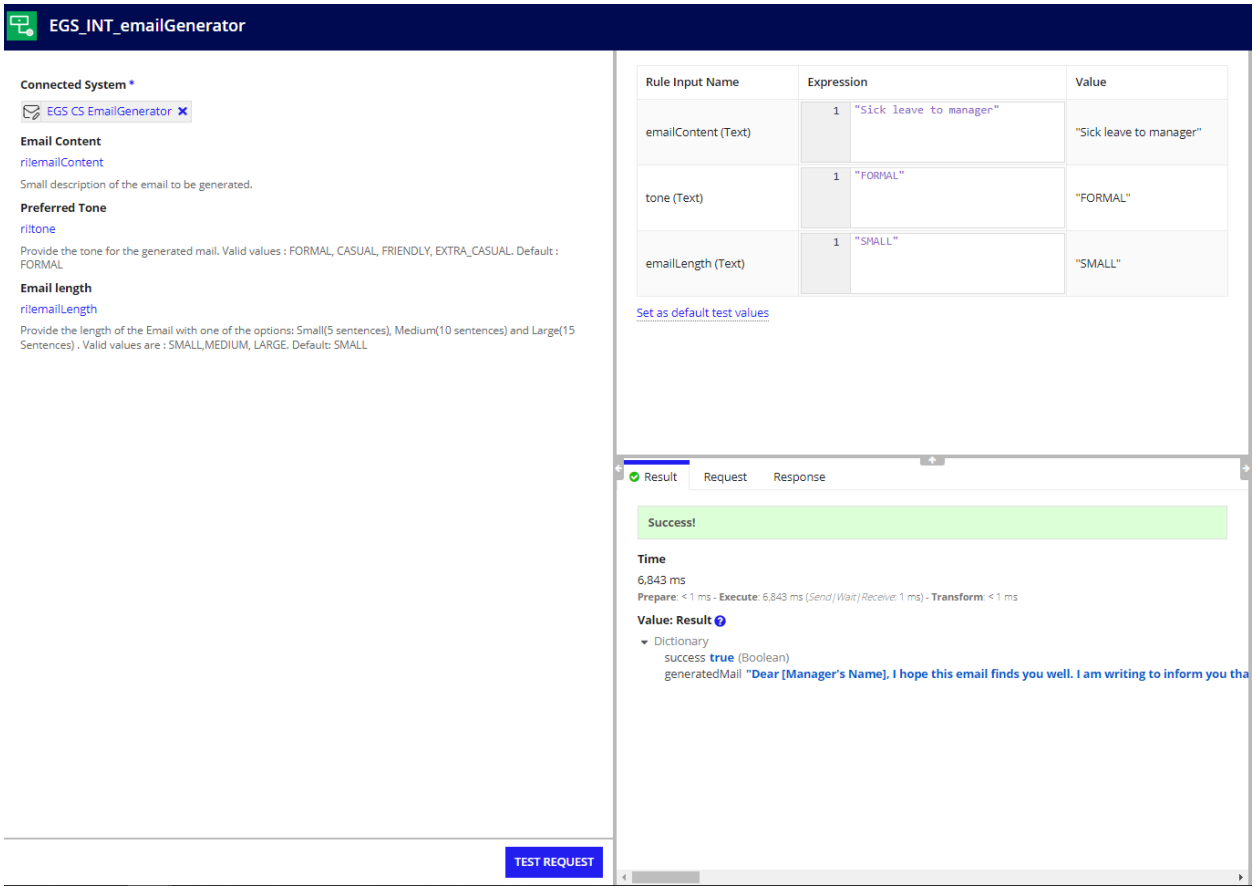
Write the above content as email in *<FORMAL / CASUAL / FRIENDLY / EXTRA_CASUAL>* tone in *<5 / 10 / 15>* sentences

Inputs:

Email Content (Text) - Required - Provide the Small description of the email to be generated.

Preferred Tone (Text) – Optional - Provide the tone for the generated mail. Valid values : FORMAL, CASUAL, FRIENDLY, EXTRA_CASUAL. Default : FORMAL

Email Length (Text) – Optional - Provide the length of the Email with one of the options: Small(5 sentences), Medium(10 sentences) and Large(15 Sentences) . Valid values are : SMALL,MEDIUM, LARGE. Default: SMALL.



Output: Dictionary

{
success: true,
generatedMail: "Dear [Manager's Name]," & fn!char(10) & fn!char(10) & "I hope this email finds you well. I am writing to inform you that I am feeling unwell and will not be able to come into work for the next few days. I have seen a doctor who has advised me to take some rest and recover at home." & fn!char(10) & fn!char(10) & "I understand that my absence may cause inconvenience to the team, and I apologize for any disruption this may cause. I have informed my colleagues about my situation and have delegated my tasks to ensure that there is minimal impact on the ongoing projects." & "Kind regards," & fn!char(10) & "[Your Name]"
}