OpenAI node documentation

# OpenAI node#

Use the OpenAI node to automate work in OpenAI and integrate OpenAI with other applications. n8n has built-in support for a wide range of OpenAI features, including creating images and assistants, as well as chatting with models.

On this page, you'll find a list of operations the OpenAI node supports and links to more resources.

OpenAI Assistant node

The OpenAI node replaces the OpenAI assistant node from version 1.29.0 on.

Credentials

Refer to OpenAI credentials for guidance on setting up authentication.

## Operations#

• Assistant  
Create an Assistant  
Delete an Assistant  
List Assistants  
Message an Assistant  
Update an Assistant

• Create an Assistant

• Delete an Assistant

• List Assistants

• Message an Assistant

• Update an Assistant

• Text  
Message a Model  
Classify Text for Violations

• Message a Model

• Classify Text for Violations

• Image  
Analyze Image  
Generate an Image

• Analyze Image

• Generate an Image

• Audio  
Generate Audio  
Transcribe a Recording  
Translate a Recording

• Generate Audio

• Transcribe a Recording

• Translate a Recording

• File  
Delete a File  
List Files  
Upload a File

• Delete a File

• List Files

• Upload a File

## Templates and examples#

by n8n Team

by n8n Team

by Jimleuk

## Related resources#

Refer to OpenAI's documentation for more information about the service.

Refer to OpenAI's assistants documentation for more information about how assistants work.

For help dealing with rate limits, refer to Handling rate limits.

## What to do if your operation isn't supported#

If this node doesn't support the operation you want to do, you can use the HTTP Request node to call the service's API.

You can use the credential you created for this service in the HTTP Request node:

• In the HTTP Request node, select Authentication > Predefined Credential Type.

• Select the service you want to connect to.

• Select your credential.

Refer to Custom API operations for more information.

## Using tools with OpenAI assistants#

Some operations allow you to connect tools. Tools act like addons that your AI can use to access extra context or resources.

Select the Tools connector to browse the available tools and add them.

Once you add a tool connection, the OpenAI node becomes a root node, allowing it to form a cluster node with the tools sub-nodes. See Node types for more information on cluster nodes and root nodes.

### Operations that support tool connectors#

• Assistant  
Message an Assistant

• Message an Assistant

• Text  
Message a Model

• Message a Model

## Common issues#

For common questions or issues and suggested solutions, refer to Common issues.