How To Monitor OpenAI Usage with Nagios XI

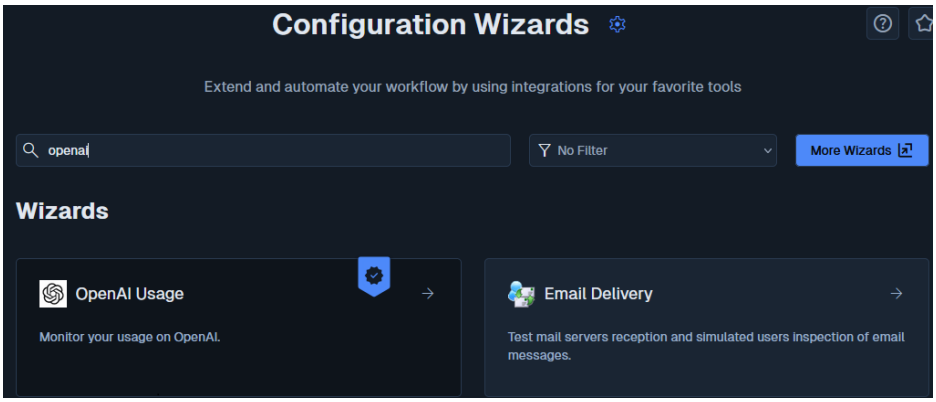
Purpose

This document describes how to monitor OpenAI usage with Nagios XI, using the OpenAI Usage wizard. If your goal is to monitor metrics like total cost, request usage, total input tokens, total cached input tokens, and total output tokens, you are in the right place.

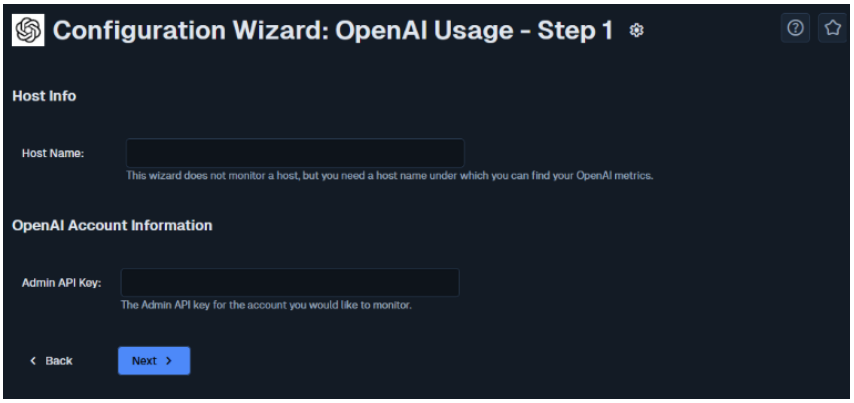
Important Note: this wizard is one of Nagios XI's Premium features, so requires active support and maintenance benefits to function. For questions about renewing your benefits if they have lapsed, please email sales@nagios.com so we can assist you further.

Using the OpenAI Wizard

1. To begin using the OpenAI wizard navigate to **Configure** > **Configuration Wizards**, search for 'openai', and click the **OpenAI Usage Wizard**.



2. In **Step 1**, you will enter a meaningful **Host Name** to help you locate and identify your OpenAI checks, and the **Admin API Key** for your OpenAI account. Note that project keys beginning with `sk-proj-` will not work. An Admin key beginning with `sk-admin-` is required.



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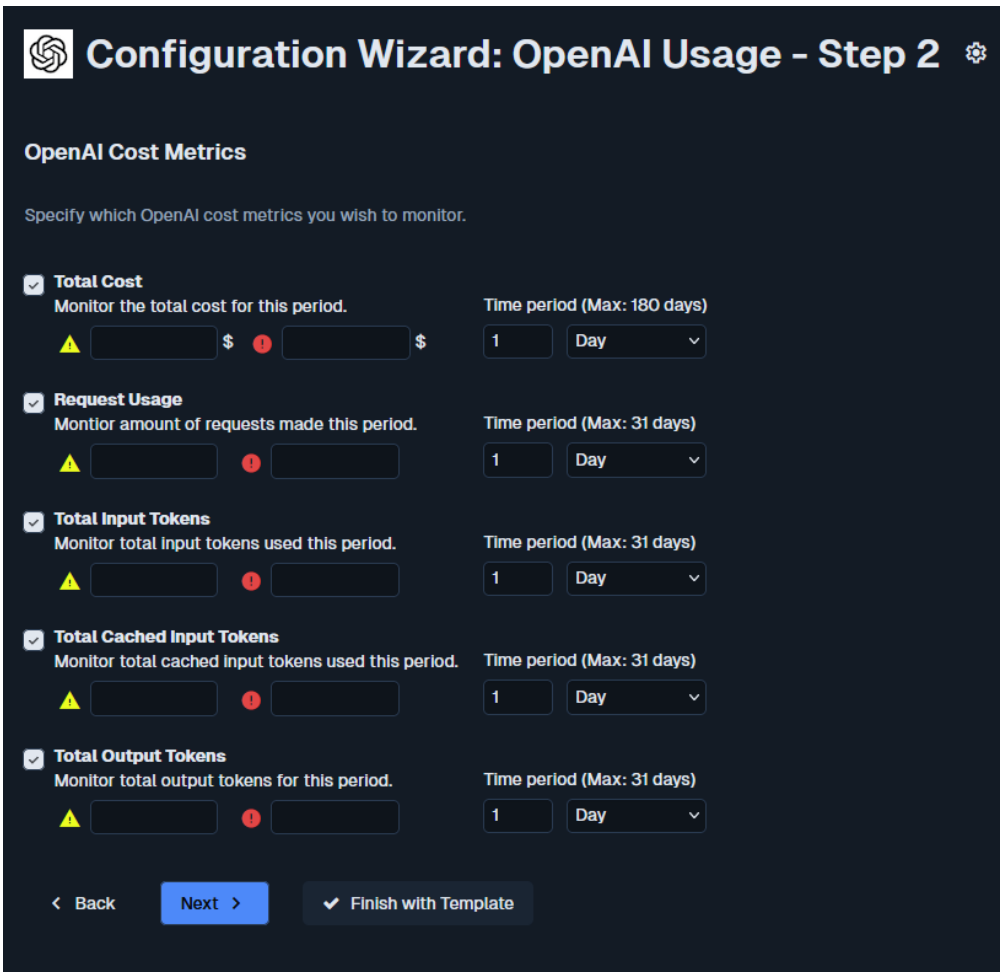
3. In **Step 2** of the wizard, you will select the OpenAI usage metrics you'd like to monitor, along with their alert thresholds.



4. Complete the wizard by choosing the required options in **Step 3 – Step 5.**

To finish up, click on **Finish** in the final step of the wizard. This will create the new host and services and begin monitoring.

Once the wizard applies the configuration, click the **View status details for** link to see the new services that were created.

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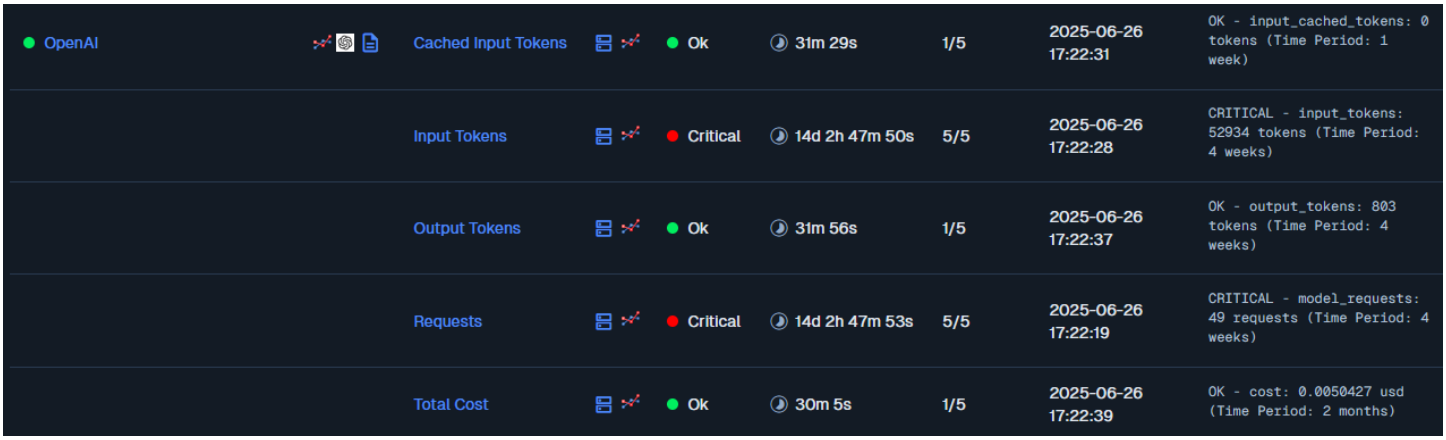

OpenAI	Cached Input Tokens	Ok	31m 29s	1/5	2025-06-26 17:22:31	OK - input_cached_tokens: 0 tokens (Time Period: 1 week)
	Input Tokens	Critical	14d 2h 47m 50s	5/5	2025-06-26 17:22:28	CRITICAL - input_tokens: 52934 tokens (Time Period: 4 weeks)
	Output Tokens	Ok	31m 56s	1/5	2025-06-26 17:22:37	OK - output_tokens: 803 tokens (Time Period: 4 weeks)
	Requests	Critical	14d 2h 47m 53s	5/5	2025-06-26 17:22:19	CRITICAL - model_requests: 49 requests (Time Period: 4 weeks)
	Total Cost	Ok	30m 5s	1/5	2025-06-26 17:22:39	OK - cost: 0.0050427 usd (Time Period: 2 months)

More Information

To learn more about Nagios XI configuration wizard settings and usage, please refer to this document:

Understanding and Using Configuration Wizards in Nagios XI

Finishing Up

This completes the documentation on Monitoring OpenAI Usage with Nagios XI. If you have additional questions or other support-related questions, please visit us at our Nagios Support Forum, Nagios Knowledge Base, or Nagios Library:

Visit Nagios Support Forum Visit Nagios Knowledge Base Visit Nagios Library

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