

How To Monitor Amazon S3 In Nagios XI 2024

Purpose

This document describes how to monitor Amazon S3 on Nagios XI.

Overview

Nagios XI provides basic monitoring of Amazon S3. This includes the measurement of the following items:

- Bucket Size (in Bytes)
- Number of Objects
- All/Get/Put Requests
- Delete Requests
- Head/Post/List Requests
- Bytes Downloaded/Uploaded
- 4XX Errors
- 5XX Errors
- First Byte Latency
- Total Request Latency

Obtaining the AWS Security Credentials

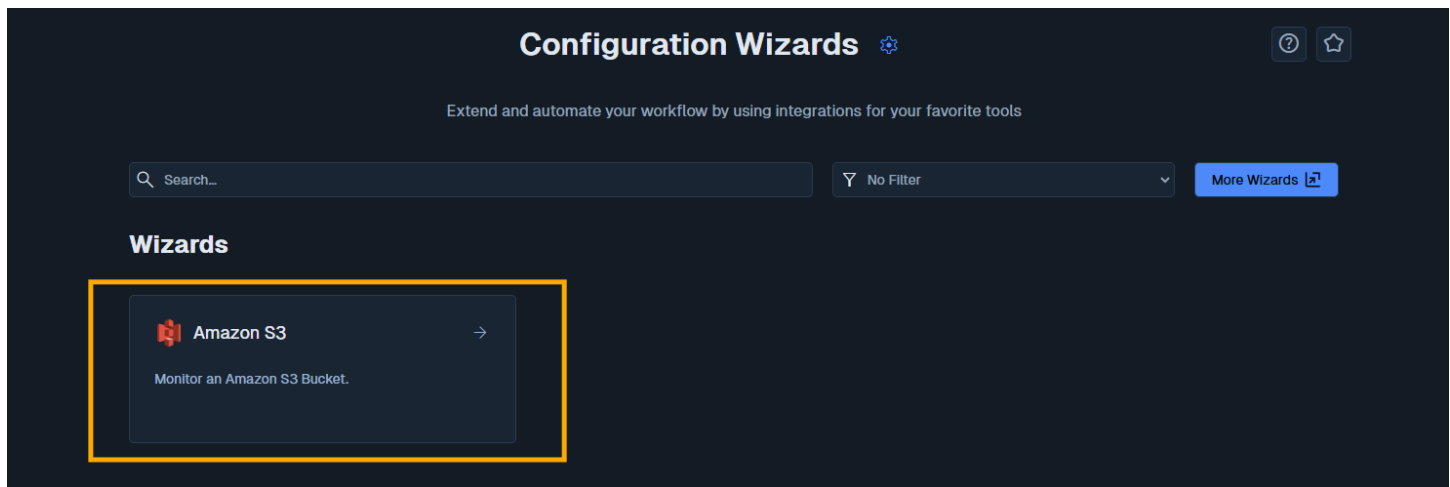
You must first obtain an **Access Key ID** and a **Secret Passkey** from Amazon.

1. Go to the **AWS Management Console**
2. Hover over your company name in the top right menu and click **My Security Credentials**
3. Scroll to the **Access Keys** section
4. Click on **Create New Access Key**
5. Take note of both the Access Key ID (**YOUR_AMAZON_S3_KEY**) and Secret Access Key (**YOUR_AMAZON_S3_SECRET**)

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Using The Amazon S3 Wizard

To begin using the Amazon S3 wizard navigate via the top menu bar to **Configure > Configuration Wizards** and select the **Amazon S3** wizard.



Note: Your Nagios XI server must have **boto3** installed.

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Amazon S3 Configuration Wizard Step 1

AWS Account Information
Specify the credentials for the Amazon Web Services account you would like to monitor

- * Access Key ID
- * Secret Access Key
- Static credentials file
- * File path
- Static configuration file
- * File path

S3 Bucket Information
Select the buckets you would like to monitor, then enter the region name by the selected buckets

Step 1

- Enter the **Access Key ID** and **Secret Access Key** you obtained above.
- Click on **Get Available Instances**.
- Select the buckets you want to monitor.
- Click **Next**.

Step 2

On this step you will configure all the options for monitoring.

- Enter a valid **Host Name**.
- Select the metrics that you'd like to monitor.
- You can adjust the warning and critical thresholds for each metric to suit your needs.
- Click **Next** once you have selected all the required options.

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Step 3

- 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 service that was created.

More Information:

[Using Configuration Wizards](#)

Finishing Up

This completes the documentation on how to monitor Amazon S3 in 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](#)

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