

How To Monitor Amazon EC2 In Nagios XI 2024

Purpose

This document describes how to monitor your Amazon EC2 instance with Nagios XI.

Overview

Nagios XI provides basic monitoring of Amazon EC2. This includes the measurement of the following items:

- CPU Credit Usage
- CPU Credit Balance
- CPU Utilization
- Disk Read/Write Operations
- Disk Read/Write Bytes
- Network In/Out
- Network Packets In/Out
- Instance Up/Down

Obtaining the AWS Security Credentials

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

1. Log in to AWS with your admin user account.
2. Click on **EC2** and select **Running Instances**.
3. Select the login name at the top and choose **My Security Credentials**.
4. On the **Security Credentials** screen, click on **Create New Access Key**.
5. Press **Show Access Key** to display on the screen. Copy the access key to be used below.

Using The Amazon EC2 Wizard

To begin using the Amazon EC2 wizard navigate via the top menu bar to **Configure > Configuration Wizards** and select the **Amazon EC2 wizard**.


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Configuration Wizards



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Amazon EC2



Monitor an Amazon EC2 Instance.



Amazon EC2 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 AWS credentials file  

Static AWS configuration file  

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Step 1

- Enter the **Access Key ID** and **Secret Access Key** you obtained above.
- Click on **Get Available** Instances.
- Select the instance 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.

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.

Note: By default, a new EC2 instance has ping turned off in the security groups. To enable ping, you will need to add a rule to the security group in the AWS.

More Information:

[Using Configuration Wizards](#)

Finishing Up

This completes the documentation on monitoring Amazon EC2 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](#)

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