
Magento Cron Cloud Functions - User Manual

Aurora Extensions
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Magento 2.x CE

Abstract

This user manual describes the process of configuring and utilizing Magento Cron Cloud Functions, a Magento extension for running cron jobs on Google Cloud Functions, an event-driven, serverless computing platform provided by Google.

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1 Introduction

1.1 Background

Cloud Functions makes it easy for developers to run and scale code in the cloud and build event-driven serverless applications.

- Simplest way to run your code in the cloud
- Automatically scales, highly available and fault tolerant
- No servers to provision, manage, patch or update
- Pay only while your code runs
- Connects and extends cloud services

→ Source: Google

1.2 Description

Magento Cron Cloud Functions is a Magento extension that provides the ability to run cron jobs via Cloud Functions. By providing a simple interface to invoke cloud functions via HTTP, Magento Cron Cloud Functions helps distribute frequent and/or intensive workloads to the cloud, improving scalability and overall performance.

2 Configuration

2.1 Fields

2.1.1 General Settings

<i>Enable Magento Cron Cloud Functions:</i>	Disabled by default. If a cron job is configured to use Magento Cron Cloud Functions while the extension is disabled, the handler method will not invoke the Cloud Functions endpoint.
<i>Google Cloud Platform Project:</i>	The name of the GCP project. You can find this information through Google Cloud Platform Console.
<i>Cloud Functions Region:</i>	The region where the cloud function was created (e.g..us-east-4).
<i>Authentication Token:</i>	Alphanumeric token sent to Cloud Functions endpoint for authentication.

The screenshot shows the Magento Configuration interface. On the left is a vertical sidebar with navigation icons for Dashboard, Sales, Catalog, Customers, Marketing, Content, Reports, Stores, and Find Partners & Extensions. The main content area is titled 'Configuration' and includes a search icon, a notification bell, and a user profile 'admin'. Below this is a 'Store View' dropdown set to 'Default Config' and a 'Save Config' button. The 'General Settings' section is expanded, showing the following configuration options:

- Enable Magento Cron Cloud Functions** (store view): Yes
- Google Cloud Platform Project** (store view): auroraextensions
The name of the GCP project.
- Cloud Functions Region** (store view): us-central1
The region where the cloud function was created.
- Authentication Token** (store view): AJQCcquEd94NWf0cv2b2hwV6tkLic3sL
Alphanumeric token. Minimum 32 characters.

Below the settings is a section for 'Magento Cron Cloud Functions' and a list of other extension categories: NICKOLAS BURR EXTENSIONS, SERVICES, and ADVANCED. The footer contains the copyright notice 'Copyright © 2019 Magento Commerce Inc. All rights reserved.' and the version 'Magento ver. 2.3.0' with a 'Report an Issue' link.

Figure 1: General Settings

3 Usage

3.1 Examples

For a comprehensive list of examples, visit the [Magento Cron Cloud Functions wiki](#).

4 Feedback

4.1 Issues

If you experience an issue with the extension, you are encouraged to submit an issue ticket via GitHub. The repository is located at the following URL:

<https://github.com/auroraextensions/magentocroncloudfunctions>.

4.2 Reviews

If you find Magento Cron Cloud Functions to be valuable to your business, please consider reviewing the extension on [Magento Marketplace](#).