

FunctionGraph

What's New

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1 What's New



The following tables describe the features released in each FunctionGraph version and corresponding documentation updates. New features will be successively launched in each region.

February 2023

No.	Feature	Description	Phase	Document
1	Custom log group and log stream	You can bind a log group and log stream to a function to manage its logs.	Commercial use	Configuring a Log Group and Log Stream
2	Function tags	Tags help you identify and manage your function resources.	Commercial use	Configuring Tags

January 2023

No.	Feature	Description	Phase	Document
1	Top 10 functions by error	The Dashboard page displays the 10 functions with the most errors.	Commercial use	Introduction to Dashboard
2	DIS trigger modification	DIS triggers can now be modified.	Commercial use	Using a DIS Trigger

October 2022

No.	Feature	Description	Phase	Document
1	Top 10 functions by invocations	The Dashboard page displays the 10 functions with the most invocations.	Commercial use	Use of FunctionGraph

August 2022

No.	Feature	Description	Phase	Document
1	Dependency versioning	You can manage all of your dependencies by uploading them from a local path or through OBS, and give them different names. Dependencies can be iterated. Each dependency can have multiple versions.	Commercial use	Dependency Management
2	Configuration of the maximum requests per instance	The maximum number of requests per instance is up to 1000.	Commercial use	Configuring Single-Instance Multi-Concurrency

July 2022

No.	Feature	Description	Phase	Document
1	Scheduled scaling policies	You can configure the number of reserved instances that will run in a specified period and a cron expression. During this period, FunctionGraph adjusts the number of reserved instances based on the cron expression. When the period expires, the fixed number of instances will be reserved.	Commercial use	Reserved Instance Management

May 2022

No.	Feature	Description	Phase	Document
1	VSCoDe plug-in update	The plug-in supports creation, deployment, and debugging of Node.js and Python functions.	Commercial use	Local Debugging with VSCoDe

April 2022

No.	Feature	Description	Phase	Document
1	Support for DMS (for RabbitMQ) triggers	After a DMS (for RabbitMQ) trigger is used, FunctionGraph periodically polls for new messages in a specific topic bound to the exchange of a RabbitMQ instance and passes the messages as input parameters to invoke functions.	Commercial use	Using a DMS (for RabbitMQ) Trigger

March 2022

No.	Feature	Description	Phase	Document
1	Brand-new edition of FunctionGraph	You can customize display of function information, sort functions and pin desired functions on top, and better search them. In addition, apps are no longer available. Functions can be created more easily, especially when you use images. The code editor, test result display, and function configuration are optimized.	Commercial use	-

February 2022

No.	Feature	Description	Phase	Document
1	Support for Python 3.9 and Node.js 14.18	Python 3.9 and Node.js 14.18 are supported.	Commercial use	Developing Functions in Node.js Developing Functions in Python

November 2021

No.	Feature	Description	Phase	Document
1	Custom images	You can directly package and upload container images. The platform then loads and starts these images to create functions.	Commercial use	Deploying a Function Using a Container Image
2	Dynamic memory allocation	Resources can be dynamically scheduled based on the size of the data source to be processed, reducing costs.	Commercial use	Configuring Dynamic Memory

July 2021

No.	Feature	Description	Phase	Document
1	Interconnection with LTS	More log management features are supported.	Commercial use	Managing Function Logs
2	Encryption settings	Configuration information can be encrypted for display.	Commercial use	Configuring Environment Variables
3	Function running for an ultra-long period	You can set the function execution time to 43,200 seconds.	Commercial use	Function Management
4	Single-instance multi-concurrency	You can set the number of concurrent requests that can be processed by a single instance and the maximum number of instances that are supported for a function.	Commercial use	Configuring Single-Instance Multi-Concurrency

July 2020

No.	Feature	Description	Phase	Document
1	Support for the Go 1.x runtime	The Go 1.x runtime is supported.	Commercial use	Developing Functions in Go 1.x

June 2020

No.	Feature	Description	Phase	Document
1	Support for reserved instances	For reserved instances, you can create and release them as required. After you create reserved instances for a function, FunctionGraph preferentially forwards requests for invoking the function to the reserved instances. If the number of requests exceeds the processing capability of the reserved instances, FunctionGraph will forward the extra requests to the pay-per-use instances and automatically allocates resources to these requests.	Commercial use	<ul style="list-style-type: none">• Reserved Instance Management

May 2020

No.	Feature	Description	Phase	Document
1	Support for Node.js 10 and Node.js 12 runtimes	Node.js 10.16 and Node.js 12.13 runtimes are supported.	Commercial use	<ul style="list-style-type: none">• Developing Functions in Node.js

March 2020

No.	Feature	Description	Phase	Document
1	Support for C# 3.1 runtime	The .NET Core 3.1 version is supported.	Commercial use	<ul style="list-style-type: none">• Developing Functions in C#

December 2019

No.	Feature	Description	Phase	Document
1	Support for Kafka triggers	Kafka triggers are supported.	Commercial use	<ul style="list-style-type: none">• Using a Kafka Trigger

November 2019

No.	Feature	Description	Phase	Document
1	Support for monthly statistics	The monthly statistics function is added on the Dashboard page.	Commercial use	Use of FunctionGraph

September 2019

No.	Feature	Description	Phase	Document
1	Support for custom runtimes	Custom runtimes are supported.	Commercial use	<ul style="list-style-type: none">• Using a Custom Runtime

August 2019

No.	Feature	Description	Phase	Document
1	Support for file system mounting	You can mount file systems to your function to provide scalable file storage. The function can then read and write data in the file systems as it would do in local file systems. Each file system can be shared by different functions and instances.	Commercial use	Mounting a File System

May 2019

No.	Feature	Description	Phase	Document
1	Support for the PHP runtime	The PHP runtime is supported.	Commercial use	<ul style="list-style-type: none">• Developing Functions in PHP

March 2019

No.	Feature	Description	Phase	Document
1	Accessing VPC resources	Functions can be configured to access resources in VPCs or to access the Internet through source network address translation (SNAT) by binding elastic IP addresses. When editing a function, you can configure it to allow it to access a VPC.	Commercial use	Configuring the Network

February 2019

No.	Feature	Description	Phase	Document
1	Support for traffic shifting	FunctionGraph allows you to publish one or more versions throughout the development, test, and production processes to manage your function code. After a function version is published, you can modify the configuration as required.	Commercial use	<ul style="list-style-type: none">• Version Management

January 2019

No.	Feature	Description	Phase	Document
1	Support for large memory sizes	The following memory sizes are supported: 1792 MB, 2048 MB, 2560 MB, 3072 MB, 3584 MB, and 4096 MB.	Commercial use	Configuring Basic Settings