

Alibaba Cloud

FunctionFlow Updates

Document Version: 20201022

Legal disclaimer

Alibaba Cloud reminds you to carefully read and fully understand the terms and conditions of this legal disclaimer before you read or use this document. If you have read or used this document, it shall be deemed as your total acceptance of this legal disclaimer.

1. You shall download and obtain this document from the Alibaba Cloud website or other Alibaba Cloud-authorized channels, and use this document for your own legal business activities only. The content of this document is considered confidential information of Alibaba Cloud. You shall strictly abide by the confidentiality obligations. No part of this document shall be disclosed or provided to any third party for use without the prior written consent of Alibaba Cloud.
2. No part of this document shall be excerpted, translated, reproduced, transmitted, or disseminated by any organization, company or individual in any form or by any means without the prior written consent of Alibaba Cloud.
3. The content of this document may be changed because of product version upgrade, adjustment, or other reasons. Alibaba Cloud reserves the right to modify the content of this document without notice and an updated version of this document will be released through Alibaba Cloud-authorized channels from time to time. You should pay attention to the version changes of this document as they occur and download and obtain the most up-to-date version of this document from Alibaba Cloud-authorized channels.
4. This document serves only as a reference guide for your use of Alibaba Cloud products and services. Alibaba Cloud provides this document based on the "status quo", "being defective", and "existing functions" of its products and services. Alibaba Cloud makes every effort to provide relevant operational guidance based on existing technologies. However, Alibaba Cloud hereby makes a clear statement that it in no way guarantees the accuracy, integrity, applicability, and reliability of the content of this document, either explicitly or implicitly. Alibaba Cloud shall not take legal responsibility for any errors or lost profits incurred by any organization, company, or individual arising from download, use, or trust in this document. Alibaba Cloud shall not, under any circumstances, take responsibility for any indirect, consequential, punitive, contingent, special, or punitive damages, including lost profits arising from the use or trust in this document (even if Alibaba Cloud has been notified of the possibility of such a loss).
5. By law, all the contents in Alibaba Cloud documents, including but not limited to pictures, architecture design, page layout, and text description, are intellectual property of Alibaba Cloud and/or its affiliates. This intellectual property includes, but is not limited to, trademark rights, patent rights, copyrights, and trade secrets. No part of this document shall be used, modified, reproduced, publicly transmitted, changed, disseminated, distributed, or published without the prior written consent of Alibaba Cloud and/or its affiliates. The names owned by Alibaba Cloud shall not be used, published, or reproduced for marketing, advertising, promotion, or other purposes without the prior written consent of Alibaba Cloud. The names owned by Alibaba Cloud include, but are not limited to, "Alibaba Cloud", "Aliyun", "HiChina", and other brands of Alibaba Cloud and/or its affiliates, which appear separately or in combination, as well as the auxiliary signs and patterns of the preceding brands, or anything similar to the company names, trade names, trademarks, product or service names, domain names, patterns, logos, marks, signs, or special descriptions that third parties identify as Alibaba Cloud and/or its affiliates.
6. Please directly contact Alibaba Cloud for any errors of this document.

Document conventions









Style	Description	Example
 Danger	A danger notice indicates a situation that will cause major system changes, faults, physical injuries, and other adverse results.	 Danger: Resetting will result in the loss of user configuration data.
 Warning	A warning notice indicates a situation that may cause major system changes, faults, physical injuries, and other adverse results.	 Warning: Restarting will cause business interruption. About 10 minutes are required to restart an instance.
 Notice	A caution notice indicates warning information, supplementary instructions, and other content that the user must understand.	 Notice: If the weight is set to 0, the server no longer receives new requests.
 Note	A note indicates supplemental instructions, best practices, tips, and other content.	 Note: You can use Ctrl + A to select all files.
>	Closing angle brackets are used to indicate a multi-level menu cascade.	Click Settings> Network> Set network type .
Bold	Bold formatting is used for buttons, menus, page names, and other UI elements.	Click OK .
Courier font	Courier font is used for commands	Run the <code>cd /d C:/window</code> command to enter the Windows system folder.
<i>Italic</i>	Italic formatting is used for parameters and variables.	<code>bae log list --instanceid</code> <i>Instance_ID</i>
[] or [a b]	This format is used for an optional value, where only one item can be selected.	<code>ipconfig [-all -t]</code>
{ } or {a b}	This format is used for a required value, where only one item can be selected.	<code>switch {active stand}</code>

Table of Contents

1.Release notes ----- 05

1.Release notes

This topic describes the release notes of Serverless Workflow and provides links to corresponding topics.

May 2020

New feature	Description	Release date	References
Native time-based schedule of Serverless Workflow	The native time-based schedule feature makes scheduled flow executions easier, such as report generation, notification sending, and data pipelines. It allows you to orchestrate multiple functions in a flow to implement flexible business logic.	2020-05-25	<ul style="list-style-type: none">• Create a time-based schedule• View time-based schedules• Modify a time-based schedule• Delete a time-based schedule

March 2020

New feature	Description	Release date	References
Commercial release of Serverless Workflow	To provide better services, Alibaba Cloud Serverless Workflow was commercially released on March 10, 2020.	2020-03-10	Release notice

February 2020

New feature	Description	Release date	References
-------------	-------------	--------------	------------

New feature	Description	Release date	References
Child flows of Serverless Workflow	To reduce flow complexity, a flow is divided into multiple child flows. Flows can be reused more easily. You can put some common steps in a flow and reuse these steps in other flows. This feature breaks some limits of a flow, such as the maximum number of events (5,000 by default) and the maximum execution time (1 year). Error handling is implemented for the overall output of the flow. For example, you can design a parallel step as a child flow and handle errors that occur in the execution of the child flows in the parent flow.	2020-02-29	Child flows of Serverless Workflow

November 2019

New feature	Description	Release date	References
Support for calling functions by version and alias	You can call a version-specific function in a flow to update the function without affecting the flow execution. You can also call functions by alias in a flow and use the alias feature of Function Compute to perform phased tests on the functions and use functions with reserved resources.	2019-11-13	Schedule reserved resource functions or functions with specified versions

New feature	Description	Release date	References
Availability in China (Beijing)	Serverless Workflow became available in China (Beijing). You can use Serverless Workflow to orchestrate functions and distributed tasks in China (Hangzhou), China (Shanghai), China (Shenzhen), and China (Beijing).	2019-11-01	None
Integration of Message Service and support for callback	This feature enables Serverless Workflow to coordinate distributed applications that are running on different architectures, networks, and languages. Serverless Workflow serves as a coordinator when applications transit from Apsara Stack to the hybrid cloud (Apsara Stack and Alibaba Cloud) or Alibaba Cloud or evolve from a monolithic architecture to a microservices architecture. By integrating Message Service (MNS) queues, Serverless Workflow allows all applications that can access message queues to be part of a flow and cooperate to achieve business objectives.	2019-11-01	Integrate MNS and use callback to orchestrate any type of tasks