应用编排服务

What's New

Issue 01

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HUAWEI TECHNOLOGIES CO., LTD.

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Huawei Technologies Co., Ltd.

Address: Huawei Industrial Base
Bantian, Longgang
Shenzhen 518129
People's Republic of China

Website: https://www.huawei.com

Email: support@huawei.com

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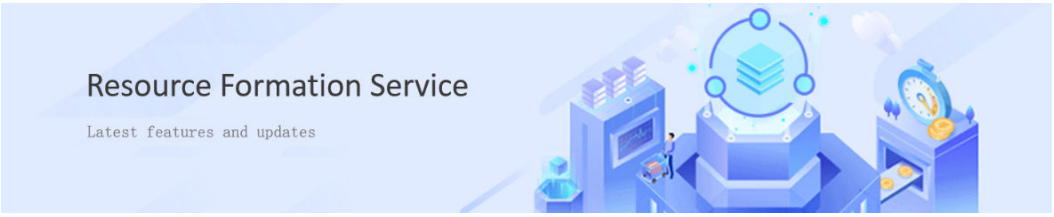
1 What's New



The following tables describe the functions released in each Resource Formation Service (RFS) version and corresponding documentation updates. New features will be successively launched in each region.

December 2022

No.	Feature	Description	Phase	Document
1	update-stack API	The update-stack API went online.	OBT	**Updating a Stack**
2	Extending stack metadata return	The following attribute fields are added to returned stack metadata: VarsBody and VarsURIContent.	OBT	**Obtaining Metadata of a Stack**
3	Filter capability	Filter capability is added to ListStackEvents	OBT	**Listing Events of a Stack**
4	Template management	Template management is released. The function allows templates and version management and transfers templates through the template management system when stacks are created and updated.	OBT	**Template Management**

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No.	Feature	Description	Phase	Document
5	Releasing visual designer	The visual designer is released. It provides a graphical user interface that allows generating templates through drag-and-drop operations on resources and selecting parameters. It connects to the template management system and stack system.	OBT	**Visual Designer**

November 2022

No.	Feature	Description	Phase	Document
1	Accessing OBS across regions	RFS supports OBS access across the CN South-Guangzhou and CN North-Beijing4 regions.	OBT	**Region and AZ**
2	Updating stack parameters	RFS allows you to update stack parameters. You can use the API to update one or more of the four attribute fields of a stack: **description**, **enable_deletion_protection**, **enable_auto_rollback** and **agencies**.	OBT	**Updating a Stack**

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No.	Feature	Description	Phase	Document
3	Rectifying API behaviors	In the new version, the existing API behaviors are rectified as follows: • The **vars_body** and **vars_uri_content** fields of a stack are added to the response returned by the **Get Stack Metadata** API. • The **stack_id** field is deleted from the response returned by the **Create Execution Plan** API. • Expired execution plans can no longer be executed.	OBT	**Executing an Execution Plan**

October 2022

No.	Feature	Description	Phase	Document
1	Enhancing orchestration of cloud service resources	Huawei Cloud Provider v1.40.2 and v1.41.0 are supported.	OBT	**Provider Version**
2	Integrating stack creation and deployment	RFS provides templates and variable parameters to implement one-click stack creation and deployment.	OBT	**Creating a Stack**
3	Displaying preferential prices during price inquiry	When the price of resources contained in an execution plan is estimated, the preferential price is also displayed. The services return the optimal discounted price, including official website discounts, commercial discounts, and partner discounts.	OBT	**Estimating the Price of an Execution Plan**

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September 2022

No.	Feature	Description	Phase	Document
1	Enhancing orchestration of cloud service resources	Huawei Cloud Provider v1.38.2, v1.39.0, v1.40.0, and v1.40.1 are supported.	Closed beta test	https://registry.terraform.io/providers/huaweicloud/huaweicloud/1.40.0/docs
2	Rectifying API behaviors	In the new version, the existing API behaviors are rectified as follows: • The **current_count** field is not returned for the listing APIs such as **List Stack**, **List Stack Events**, and **List Stack Outputs**. • The **detail_string** field is deleted from the response body returned by the **Get Execution Plan** API. • The HTTP code of the **Parse Template Variables** API is changed from 202 to 200.	Closed beta test	**Deploying a Stack** **Parsing Template Parameters**

August 2022

No.	Feature	Description	Phase	Document
1	Enhancing resource orchestration	• Supported Huawei Cloud Provider v1.38.1. • Updated Terraform kernel v1.1.9.	Closed beta test	https://registry.terraform.io/providers/huaweicloud/huaweicloud/1.38.1/docs

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No.	Feature	Description	Phase	Document
2	Rectifying API behaviors	In the new version, the existing API behaviors are rectified as follows: • The URI of the **Deploy Stack** API is changed to **POST /v1/{*project_id*}/stacks/{*stack_name*}/deployments**, and the API no longer supports the update of the **description** parameter.	Closed beta test	**Deploying a Stack**

July 2022

No.	Feature	Description	Phase	Document
1	Enhancing resource orchestration	Supported Huawei Cloud Provider v1.38.0.	Closed beta test	https://registry.terraform.io/providers/huaweicloud/huaweicloud/1.38.0/docs
2	Encrypting sensitive data using KMS	RFS supports KMS encryption for sensitive data in your templates. The data types that can be encrypted include string, number, and bool. Sensitive data is encrypted by default.	Closed beta test	**KMS Encryption Application Scenarios**

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No.	Feature	Description	Phase	Document
3	Rectifying API behaviors	In the new version, the existing API behaviors are rectified as follows: • In the response of the **Get Stack Metadata** API, the flag indicating whether deletion protection is enabled for a resource stack and the flag indicating automatic rollback are returned. • The mandatory field **X-Domain-Id** in the request header is removed from all APIs.	Closed beta test	**Creating a Stack**

June 2022

No.	Feature	Description	Phase	Document
1	Parsing template parameters	RFS provides the function of parsing variable parameters in a template. You can use the API to obtain information about all variables defined in the template, including the variable name, type, description, default value, whether the variable is a sensitive field, and whether the variable can be empty. Currently, template files in .zip, .tf, or .tfjson format can be parsed.	Closed beta test	**Parsing Template Parameters**

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February 2019

No.	Feature	Description	Phase	Document
1	Cloud service resource orchestration capability is enhanced to support orchestration of CCI.Storage.SFS.	AOS supports the orchestration of CCI.Storage.SFS. This element is used to create file storage volumes in a specified namespace.	Commercial use	CCI.Storage.SFS
2	Cloud service resource orchestration capability is enhanced to support orchestration of CCI.StatefulSet.	AOS supports the orchestration of CCI.StatefulSet. This element is used to create stateful services.	Commercial use	CCI.StatefulSet

January 2019

No.	Feature	Description	Phase	Document
1	Cloud service resource orchestration capability is enhanced to support the orchestration of the Simple Message Notification (SMN) service.	AOS supports the orchestration of SMN. • The **SMN.Subscription** element is used to subscribe to SMN. • The **SMN.Topic** element is used to create an SMN topic.	Commercial use	SMN.Subscription
2	Cloud service resource orchestration capability is enhanced to support the orchestration of the Database Security Service (DBSS).	AOS supports the orchestration of DBSS.Instance, which is used to create DBSS resources.	Commercial use	DBSS.Instance

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No.	Feature	Description	Phase	Document
3	The billing mode of stacks can be changed from pay-per-use to yearly/monthly mode.	AOS allows you to change the billing mode of pay-per-use stacks to yearly/monthly.	Commercial use	-
4	Stacks billed in the yearly/monthly mode can be modified.	AOS allows you to modify stacks billed in the yearly/monthly billing mode.	Commercial use	-

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