

HUAWEI CLOUD Marketplace

Seller Guide

Issue 01
Date 2021-01-13



Copyright © Huawei Technologies Co., Ltd. 2021. All rights reserved.

No part of this document may be reproduced or transmitted in any form or by any means without prior written consent of Huawei Technologies Co., Ltd.

Trademarks and Permissions



HUAWEI and other Huawei trademarks are trademarks of Huawei Technologies Co., Ltd.

All other trademarks and trade names mentioned in this document are the property of their respective holders.

Notice

The purchased products, services and features are stipulated by the contract made between Huawei and the customer. All or part of the products, services and features described in this document may not be within the purchase scope or the usage scope. Unless otherwise specified in the contract, all statements, information, and recommendations in this document are provided "AS IS" without warranties, guarantees or representations of any kind, either express or implied.

The information in this document is subject to change without notice. Every effort has been made in the preparation of this document to ensure accuracy of the contents, but all statements, information, and recommendations in this document do not constitute a warranty of any kind, express or implied.

Contents

1 Seller Registration.....	1
1.1 Conditions for Registering with HUAWEI CLOUD Marketplace.....	1
1.2 Registration Process.....	1
1.2.1 Overview.....	1
1.2.2 Registering an Account and Logging In.....	2
1.2.3 Applying for Registration.....	2
1.2.4 Certifying Business Information.....	5
1.2.5 HUAWEI CLOUD Marketplace Seller Agreement.....	8
2 Delivery Methods.....	9
2.1 Product Release Description.....	9
2.2 Delivery Methods.....	13
2.3 Releasing Images.....	13
2.4 Creating Images.....	18
2.5 Releasing Consulting Services.....	21
2.6 Releasing SaaS Products.....	25
2.7 Releasing Multi-SKU Product Specifications.....	31
2.8 Enabling SaaS Product Access from the Marketplace.....	35
2.9 SaaS Product Security Vulnerability Scan Operation Guide and Security Specifications.....	35
2.10 Debugging Application Access and Managing Cases for SaaS Products.....	38
2.11 Releasing Licenses.....	42
3 Product Management.....	47
3.1 Releasing Products.....	47
3.2 Modifying Products.....	47
3.3 Upgrading Products.....	49
3.4 Hiding Products.....	54
3.5 Removing Products.....	55
3.6 Viewing Product Applications.....	56
3.7 Managing Product Attributes.....	57
4 Service Supervision.....	59
4.1 Supervising Services of License Products.....	59
5 Transaction Management.....	61
5.1 Querying Orders.....	61

6 Settlement Rules.....	63
6.1 Purpose.....	63
6.2 Description.....	63
6.3 Settlement Procedure.....	64
6.4 Settlement Rules.....	65
6.5 Order and Transaction Settlement Mechanism.....	66
7 Bill Management.....	68
7.1 Bill Description.....	68
7.2 Reconciliation Process.....	68
7.3 Confirming Bills.....	69
7.4 Exporting Bills.....	69
7.5 Exporting Bill Details.....	70
8 Invoice Management.....	72
9 FAQs.....	75
9.1 What Are the Conditions for Registering with HUAWEI CLOUD Marketplace?.....	75
9.2 What Enterprise Certificates Are Needed for the Registration?.....	76
9.3 Can an Individual User Become a Seller on the Marketplace?.....	76
9.4 What Benefits Can I Obtain After Registering with the Marketplace?.....	76
9.5 Do I Need to Pay Deposit If I Register with the Marketplace?.....	76
9.6 How Long Does It Take to Review the Registration Application?.....	76
9.7 How Do I Change the Company Name?.....	76
9.8 How Do I Release Products on the Marketplace?.....	76
9.9 Is the Product Technical Support Provided by Sellers or HUAWEI CLOUD?.....	77
9.10 How Long Is the Validity Period of Products on the Marketplace?	77
9.11 Why Is the Bill for a Transaction Conducted in This Month Not Generated in the Next Month?.....	77

1 Seller Registration

[1.1 Conditions for Registering with HUAWEI CLOUD Marketplace](#)

[1.2 Registration Process](#)

1.1 Conditions for Registering with HUAWEI CLOUD Marketplace

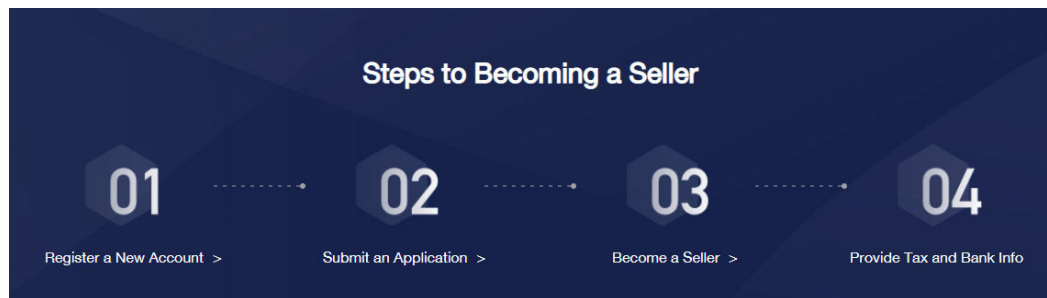
To become a seller on HUAWEI CLOUD Marketplace, your company must meet the following requirements:

1. The company has been established for at least one year, complies with relevant laws and regulations, and has formal corporate qualifications.
2. The company has professional technical support and after-sales teams that can provide at least eight hours of online customer service for five days a week based on the time zone where product services are purchased.
3. The company has at least two salespersons, one for pre-sales and the other for after-sales.
4. The company has valid software copyright certificates or sales license certificates.
5. The company accepts and signs the [HUAWEI CLOUD Marketplace Seller Agreement](#), and carries out business cooperation according to the terms and conditions specified in the agreement.
6. The company accepts other related protocols and management regulations of HUAWEI CLOUD.

1.2 Registration Process

1.2.1 Overview

The following figure shows an overall registration process for becoming a seller on the Marketplace:



 **NOTE**

After your application for registering with the Marketplace is approved, you need to provide your business, bank, and tax information for certification. The settlement can be performed only after your business information is certified. For details, see [1.2.4 Certifying Business Information](#).

1.2.2 Registering an Account and Logging In

Procedure

Step 1 Register a HUAWEI CLOUD account.

For details about how to register a HUAWEI CLOUD account, see [Account Registration Process](#).

 **NOTE**

- When registering a HUAWEI CLOUD account, select the country or region where your company is located as the registration address. If you cannot find your country or region in the country/region drop-down list, HUAWEI CLOUD services are not available there.
- The company name used in registering with your HUAWEI CLOUD account must be the same as the business entity name, bank account name, and invoicing entity name.

Step 2 Log in to HUAWEI CLOUD Marketplace.

1. Go to the [HUAWEI CLOUD Marketplace](#) home page.
2. Click **Log In** in the upper right corner to go to the login page.
3. Enter a HUAWEI CLOUD account and password, and click **Log In**.

----End

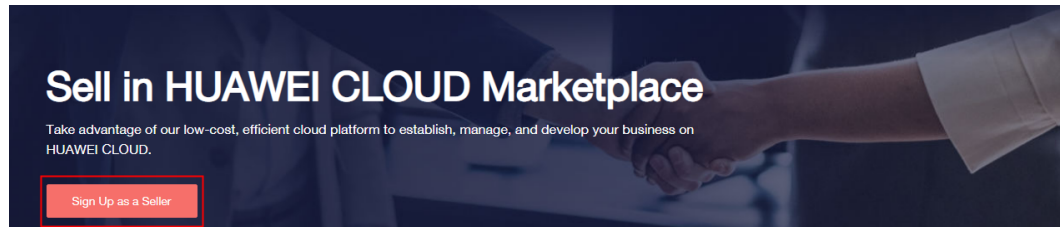
1.2.3 Applying for Registration

To be a HUAWEI CLOUD Marketplace seller, your account must meet the following conditions:

- A HUAWEI CLOUD account
- An enterprise account
- Not joined the HUAWEI CLOUD solution partner program
- Not an Identity and Access Management (IAM) account
- Not registered with the HUAWEI CLOUD Marketplace

Procedure


- Step 1** Log in to the [HUAWEI CLOUD Marketplace](#) homepage.
- Step 2** Click **Sell in Marketplace** in the upper right corner of the page.
- Step 3** Click **Sign Up as a Seller** on the page that is displayed.



- Step 4** Fill in the information as required.

Sign Up as a Marketplace Seller

Please provide your company information. Your application will be reviewed in 3 business days after submission.

Basic Information	<p>* Display Name <input type="text"/></p> <p>* Website <input type="text"/></p> <p>* Company Logo  <input type="button" value="Upload"/></p> <p>* Business Term <input type="text" value="1-3 years"/></p> <p>* Number of Employees <input type="text" value="< 50"/></p> <p>Registered Capital (USD) <input type="text"/></p>
Contact Information <small>?</small>	<p>* Name <input type="text"/></p> <p>* Phone Number <input type="text" value=""/><input type="text" value=""/></p> <p>* Registered Address <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/></p>
Customer Service <small>?</small>	<p>Phone Number <input type="text" value="Area code"/> <input type="text" value="Phone number"/></p> <p>* Email Address <input type="text"/></p>
Other information	<p>* Business License <input type="text" value="Scanned copy of business license"/> <input type="button" value="Upload"/> <small>Maximum file size: 5 MB Supported file types: BMP, JPG, JPEG, PNG, PDF</small></p> <p>* Company Introduction <input type="text" value=""/> <small>88/1000</small></p>

I have read and agree to the [HUAWEI CLOUD Marketplace Seller Agreement](#).

NOTE

- Website
Ensure that your company website supports English and can be visited.
- Company Logo
Ensure that your company logo is completely and clearly displayed in the preview area.
- Registered Address
By default, the registration address of your HUAWEI CLOUD account is used.
- Email Address
Ensure that your email address is valid. If customers purchasing your products cannot contact your company or they do not receive any reply from you after sending emails for multiple times, the Marketplace will remove your products from the catalog.

Step 5 Confirm the information, select **I have read and agree with the terms in HUAWEI CLOUD Marketplace Seller Agreement**, and click **Submit**.

The application will be reviewed within three working days. The review results will be sent to the email address and the mobile number (if any) bound to your HUAWEI CLOUD account.


 **NOTE**

- A company entity can only be used to register with the Marketplace once.
- The company entity of a registered seller cannot be changed. If you change your company entity, you have to register a new account and submit a new application to register with the Marketplace.

----End

Follow-up Operations

- After you become a seller, you can perform the following operations to update the seller information:

Log in to the [Seller Console](#), choose [Seller Information](#) in the navigation pane on the left, and click  to modify basic information.

The modified information will be reviewed. The review results will be sent to the email address and the mobile number (if any) bound to your HUAWEI CLOUD account.

- To change your company name, go to the [My Account](#) page.

NOTICE

- The company name must be the same as that in the business license.
 - After changing the company name on the [My Account](#) page, go back to the [Seller Console > Seller Information](#) page, change the company name, and submit the modified information for approval.
-

1.2.4 Certifying Business Information

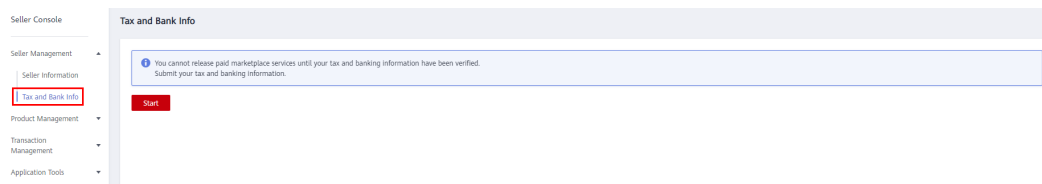
After your application for registering with the Marketplace is approved, you need to initiate the business information certification. The settlement can be performed only after your business information is certified.

Sellers shall provide their tax and bank information for settlement, including the bank account and tax rate. If the information is missing or inaccurate, HUAWEI CLOUD cannot generate bills for settlement.

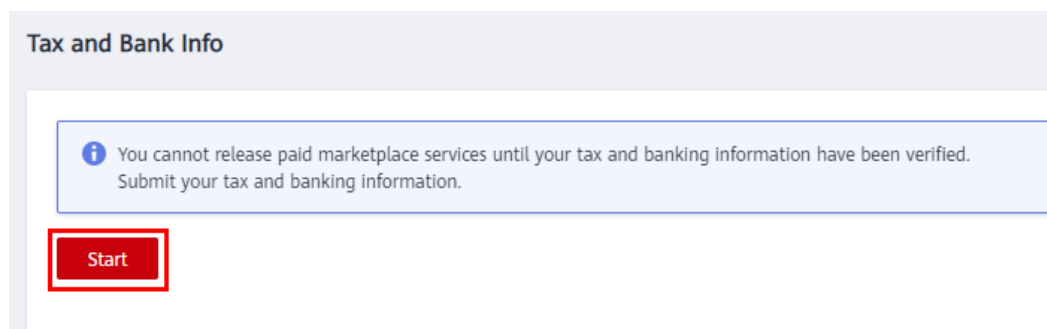
Procedure

Step 1 Go to the [Seller Console](#).

Step 2 In the navigation pane, choose [Seller Management > Tax and Bank Info](#) to access the [Tax and Bank Info](#) page.



Step 3 Click **Start** to access the page for entering business information.



Step 4 Enter the basic information, tax information, and financial contact information of your company. Select **I have read and agree to the Privacy Statement of Business Information Qualification**, and click **Next**.

Basic Information

* Company Name:

* Registration Country/Region:

* State/Province:

* City:

* Address:

Financial Contact Information

Fill in your company's financial contact so that Huawei financial personnel can communicate with him or her about problems with invoice or bank information.

* Last Name:

* First Name:

* Mobile Number:

* Email:

NOTE

You only need to select **I have read and agree to the Privacy Statement of Business Information Qualification** in the first certification.

Step 5 Fill in the bank information and click **Next**.

Bank Information

* Bank Country/Region:

* Bank Name: Enter the bank name if it is not on the list. [Enter the name if it is not on the list.](#)

* Branch Name: Enter the branch name if it is not on the list. [Enter the name if it is not on the list.](#)

* Bank Account: The bank account must be consistent with the company name.

* Bank Account Number:

Intermediary Bank
If an intermediary bank is required to facilitate international transfer and settlement of funds, enter the intermediary bank information.

Bank Name:

SWIFT Code :

Bank Account Number:

NOTE

- **Bank Country/Region** must be the same as the country or region where the company is registered.
- The bank account must be able to receive US dollars, and the bank account name must be the same as the company name.

Step 6 Complete the associated supplier survey, and click **Submit**.

Do personnel (including investors and employees) of your company involve Huawei employees (including current Huawei employees and their major relatives and former Huawei employees)?

Yes No

Select the check box and provide the details if any statement is true to your company.

1. A current Huawei employee is an investor of your company.

2. A current Huawei employee holds a part-time position in your company.

3. A current Huawei employee's close relative is a major investor of your company.

4. A current Huawei employee's close relative holds a position in your company.

5. A former Huawei employee is an investor of your company or holds a position in your company.

Step 7 In the displayed **Information** dialog box, click **OK**.

After submitting the information, wait for the review.

NOTE

- Your business information will be reviewed within one business day. Once approved, the certification is completed.
- After the certification, you will receive an email and an SMS notification. If your certification request is rejected, you can view the reason, modify the business information, and submit a new certification request.
- If the certification fails, send an email with screenshots and description to the **partner@huaweicloud.com** to contact the operations manager of the Marketplace for support.
- If the information fails certification for three consecutive times, you are not allowed to submit the certification request again. To perform the certification again, **submit a service ticket**.

----End

1.2.5 HUAWEI CLOUD Marketplace Seller Agreement

Your use of the HUAWEI CLOUD Marketplace is subject to the [HUAWEI CLOUD Marketplace Seller Agreement](#). HUAWEI CLOUD reserves the right to take actions upon any violations against the terms.

2 Delivery Methods

- [2.1 Product Release Description](#)
- [2.2 Delivery Methods](#)
- [2.3 Releasing Images](#)
- [2.4 Creating Images](#)
- [2.5 Releasing Consulting Services](#)
- [2.6 Releasing SaaS Products](#)
- [2.7 Releasing Multi-SKU Product Specifications](#)
- [2.8 Enabling SaaS Product Access from the Marketplace](#)
- [2.9 SaaS Product Security Vulnerability Scan Operation Guide and Security Specifications](#)
- [2.10 Debugging Application Access and Managing Cases for SaaS Products](#)
- [2.11 Releasing Licenses](#)

2.1 Product Release Description

Adhere to the descriptions in this section to release your products on the Marketplace. Huawei will review your products based on the following requirements.

Your requests for releasing or modifying products in the Marketplace will be reviewed within three business days.

Table 2-1 describes the product release parameters on HUAWEI CLOUD Marketplace.

Table 2-1 Product release description

Item	Description
Delivery Method	Select a delivery method, which can be an image, software as a service (SaaS), consulting service, or license. For details about each delivery method, see 2.2 Delivery Methods .
Product Name	<ul style="list-style-type: none"> ● The product name must accurately denote the product content. If software is involved, the software name must be the same as that in the software copyright certificate. ● The product must be named in compliance with standard naming conventions in the industry. Spelling mistakes are not allowed. For example, "wordpress" cannot be misspelled as "wordpess". ● The product name must not exaggerate functions or imply an extended scope of usage. Products cannot be directly used in the name of HUAWEI CLOUD. For example, a name similar to HUAWEI CLOUD XXX Solution is not allowed. ● The product name must not contain or convey product price, versions, phone numbers, or other descriptive information.
Version	The product version must be named in compliance with standard version naming conventions, for example, "V1.0" or "V2.0". They cannot be named using a non-standard format, such as "v0.1", "First Version", or "Initial Version".
Logo	<ul style="list-style-type: none"> ● Logos must be PNG files, must be 120 x 120 pixels, and cannot exceed 5 MB. ● You are advised to upload your rectangle-shaped logo. If you want to use your square-shaped logo, ensure that the logo shape of your choice is perfectly fit into the box. ● Ensure that the uploaded logo is properly designed. Do not use screenshots of product introduction as the logo. ● Ensure that the uploaded logo is clearly visible. Any incomplete, deformed, or blurry image will not be approved. ● You are advised to use PNG images with a transparent background. If your logo has a background, resize the canvas to 120 x 120 pixels and set 4-pixel rounded corners. ● Do not modify the extension of the logo file, for example, changing .png to .jpg. Otherwise, the logo file will fail to be uploaded. ● If the logo image is too large, you can compress it at tinypng.com.
Overview	Provide a brief introduction of your product. The product overview is displayed on the Marketplace Categories and the product details page.

Item	Description
Description	<ul style="list-style-type: none"> ● Provide details about your product, including core functions and services. ● The product description must contain at least 1000 characters. Ensure consistent usage of fonts, and keep the layout standardized, neat, and user-friendly. ● Do not include images and links redirecting to non-HUAWEI CLOUD websites. ● Do not advise customers to obtain commercial information otherwise, for example, "To submit a commercial application or for pricing details, contact xxx." ● Do not use the information about competitors.
Highlights	A maximum of five highlights can be added.
Customer Case	If a customer case is provided, describe it in detail rather than enter only a case name.
End User License Agreement	<ul style="list-style-type: none"> ● Upload a complete End User License Agreement (EULA). The EULA is an agreement entered into between you and customers. It takes effect when customers select it during order placement. ● The name, definition, billing, and other details of the product defined in the EULA must be consistent with the product details. ● The EULA is an online agreement that takes effect since customers select it when placing an order. It cannot contain any content that needs to be filled in or stamped. ● The EULA must be within the validity period and not conflict with other agreements with HUAWEI CLOUD.
After-Sales Support	<p>Enter the after-sales support of the product according to the example.</p> <ul style="list-style-type: none"> ● Time: Add the time zone to the end of the service time, for example, (GMT+08:00). ● Services: Describe the after-sales services that your company will provide. ● Hotline: Provide a valid hotline number. ● Email Address: Enter an email address that can receive emails and reply to customers in a timely manner. <p>NOTICE Ensure that your hotline and email address can be contacted and you can provide after-sales services as soon as possible. If customers purchasing this product complain that the hotline cannot be connected or they do not receive any reply after sending emails for multiple times, the Marketplace will remove the product from the catalog.</p>

Item	Description
User Guide	<ul style="list-style-type: none"> ● Provide operation guidance and other product manuals. ● Describe how to log in to the management platform and use the product after the product is purchased in the user guide. ● For an image product, specify the ports to be opened and how to log in to the management platform and use the image after the image is purchased and deployed on a HUAWEI CLOUD ECS. ● Do not include links of servers that are not deployed in the HUAWEI CLOUD infrastructure, such as addresses for login and management of products. ● Ensure consistent usage of fonts, and keep the layout standardized, neat, and user-friendly. ● Supported file types: RAR, ZIP, DOC, DOCX, PDF, PPT, PPTX ● Maximum file size: 20 MB
Software Copyright Certificate	<ul style="list-style-type: none"> ● Upload your software copyright certificate or other qualification certificate (if available). The operations team will review the certificate to confirm whether the product meets the product release requirements. The uploaded qualification certificate is not displayed on the product details page. ● Supported file types: RAR, ZIP, DOC, DOCX, PDF, PPT, PPTX ● Maximum file size: 20 MB
Open-Source Software Notice	<ul style="list-style-type: none"> ● Declare the open-source software usage of the product. For details about the open-source software terms, see HUAWEI CLOUD Marketplace Seller Agreement. ● Supported file types: RAR, ZIP, DOC, DOCX, PDF, PPT, PPTX ● Maximum file size: 20 MB
Category	Specify the product categories (the level-1 and level-2 categories of products on the Marketplace main page).
Product Specifications	<ul style="list-style-type: none"> ● The specifications provided must be complete. ● Specifications must be named in compliance with certain rules. You are advised not to use vague names such as "Specifications 1" or "Specifications 2", or to use billing modes like "Yearly" or "Monthly", or measurement units such as "Sets" or "1 Set". ● Select a suitable billing mode and set appropriate pricing. ● Select a suitable Elastic Cloud Server (ECS) model. If your product is an image, you are advised to select S3 ECSs. ● If there are different versions of the product, differentiate one specification from another instead of releasing all the versions of that product on the Marketplace.

2.2 Delivery Methods

HUAWEI CLOUD Marketplace provides a platform for partners to release cloud products in various delivery methods, including images, SaaS, consulting services, and licenses.

Images

Images are created by sellers based on the HUAWEI CLOUD public system. Users can use an image to create an ECS with the same system environment as that in the image.

Images integrate the software environment and functions on the operating system and couple application software with cloud resources to enable out-of-the-box functionality for ECSs.

SaaS

SaaS products are application software products provided by sellers to run on HUAWEI CLOUD infrastructure as a service (IaaS). After purchasing SaaS products, users can log in to specified websites to use them without a need to purchase the required cloud resources.

Currently, a SaaS product can be enabled by using the username and initial password. When a user purchases a SaaS product on the Marketplace, the Marketplace invokes the service interface provided by the seller, requesting the seller to perform product subscription. After the subscription operation is complete, the seller returns information to the Marketplace, such as the frontend address, management backend address, username, and initial password of the product.

Consulting Services

Consulting services are offered on the Marketplace as products. This type of products is not traded on the Marketplace. The Marketplace only provides links to access the products on sellers' official websites.

Licenses

License products are the licenses of commercial software (such as images and SaaS) provided by a seller. License products include commercial operating system, database middleware, and application software.

2.3 Releasing Images

Prerequisites

Before releasing an image, you need to [create a private image](#). Currently, system disk images created using public images provided by HUAWEI CLOUD in the Bangkok, Hong Kong SAR (China), Johannesburg, Mexico City, Santiago, Sao

Paulo, and Singapore regions can be released to the Marketplace on HUAWEI CLOUD (International). Ensure that the ECSs for creating private images are deployed in these regions.

Procedure

Step 1 Go to the [Seller Console](#).

Step 2 In the navigation pane, choose [Product Management > My Products](#).

Step 3 Click **Release New Product** on the upper right of the page.

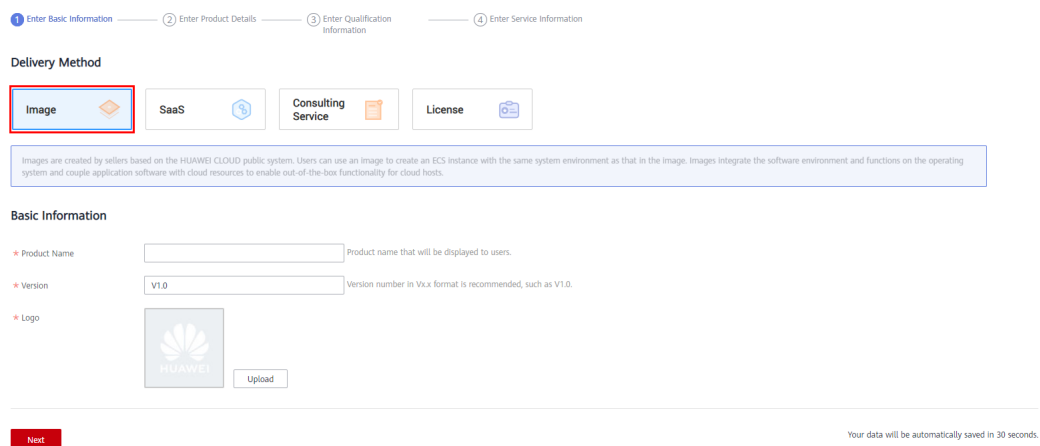
The **Product Release** page is displayed.

Step 4 In the **Delivery Method** area, select **Image**.

In the **Basic Information** area, set **Product Name** and **Version**, and upload a logo as instructed.

NOTE

For details about parameter settings, see [2.1 Product Release Description](#).



The screenshot shows the 'Product Release' page with a progress bar at the top indicating four steps: 1. Enter Basic Information (active), 2. Enter Product Details, 3. Enter Qualification Information, and 4. Enter Service Information. Below the progress bar, the 'Delivery Method' section contains four buttons: 'Image' (highlighted with a red box), 'SaaS', 'Consulting Service', and 'License'. A text box below explains that images are created by sellers based on the HUAWEI CLOUD public system and can be used to create ECS instances with the same system environment. The 'Basic Information' section includes three fields: 'Product Name' (with a placeholder 'Product name that will be displayed to users.'), 'Version' (with a placeholder 'Version number in V.x.x format is recommended, such as V1.0.'), and 'Logo' (with a placeholder image of the Huawei logo and an 'Upload' button). At the bottom, there is a red 'Next' button and a note: 'Your data will be automatically saved in 30 seconds.'

Step 5 Click **Next**.

The **Product Details** page is displayed.

Step 6 Enter the product information (including **Overview**, **Description**, and **Highlights**), and describe customer cases as instructed.

NOTE

- You can drag the lower right corner of the **Description** text box to resize it.
- You can hover the mouse pointer over the customer case you have added, and then you can delete or edit the case.

Step 7 Click **Next**.

The **Qualification Information** page is displayed.

Step 8 Set **End User License Agreement, After-Sales Support, User Guide, Software Copyright Certificate, and Open-Source Software Notice** as instructed.

1 Enter Basic Information — 2 Enter Product Details — 3 Enter Qualification Information — 4 Enter Service Information

Qualification Information

* End User License Agreement 0/200,000

End User License Agreement (EULA) is an agreement signed between you and your marketplace end user. To better serve your marketplace end users and avoid legal disputes, you are advised to specify, in the EULA, your service and commitments, SLA, conditions of use, after-sales services and support, consumer rights protection, personal information and data protection, and your legal obligations (200,000 characters limit).

* After-Sales Support 105/3,000

Example:
Time: 5 x 8 hours (GMT+08:00)
Services: xxxxxx
Hotline: +852-00000000
Email Address: xxxxxx.com

Describe the after-sales services that you provide (3,000 characters limit).
Specify the service time, service content, hotline, and email address, and ensure that you can provide timely after-sales support within the specified service time.

* User Guide

Maximum file size: 20 MB
Supported file types: RAR, ZIP, DOC, DOCC, PDF, PPT, PPTX

Describe how to log in to the product management platform and use your product in the user guide. For an image product, specify the ports to open and describe how to log in to the ECS on which the image is deployed and use the image.

* Software Copyright Certificate Available None

Upload the software copyright certificate or any other sales qualification certificates.
Supported file size: 20 MB
Supported file types: RAR, ZIP, DOC, DOCC, PDF, PPT, PPTX

For a product involving software, upload the software copyright certificate that matches the product name. For a Kunpeng product, upload the Kunpeng compatibility certificate of the product.

* Open-Source Software Notice Available N/A

Declare the open-source software usage of the product in the Open-Source Software Notice. If no open-source software is used, select N/A. For terms related to open-source software, see HUAWEI CLOUD Marketplace Seller Agreement.

Supported file size: 20 MB
Supported file types: RAR, ZIP, DOC, DOCC, PDF, PPT, PPTX

Your data will be automatically saved in 14 seconds.

NOTE

• **End User License Agreement**

The EULA is an online agreement entered into between you and customers. It takes effect when customers select it during order placement. It cannot contain any unfilled content and cannot be stamped. You can drag the lower right corner of the **End User License Agreement** text box to resize it.

• **After-Sales Support**

Add the time zone to the end of the service time, for example, **(GMT+08:00)**.

Ensure that your hotline and email address are reachable and you can provide after-sales services as required. If customers purchasing this product cannot contact your company or they do not receive any reply from you after sending emails for multiple times, the Marketplace will remove the product from the catalog.

Ensure that you can provide after-sales hotline and email services in English.

• **User Guide**

Describe how to log in to the management platform and use the product after the product is purchased in the user guide.

For an image product, specify the ports to be opened and how to log in to the management platform and use the image after the image is purchased and deployed on a HUAWEI CLOUD ECS.

• **Software Copyright Certificate**

Upload a software copyright certificate that matches your product. The uploaded certificate will be reviewed by HUAWEI CLOUD Marketplace to confirm whether your product meets the release requirements. The certificate is only for review and will not be displayed on the product details page.

Step 9 Click Next.

The **Service Information** page is displayed.

Step 10 Set Product Attributes, Product Specifications, and SEO Information as instructed.

① Enter Basic Information — ② Enter Product Details — ③ Enter Qualification Information — ④ Enter Service Information

Product Attributes

- Public Product: Yes No
- Category: Business Software, Business Intelligence

Product Specifications

② Add Manage Product Attribute

Specification 1

SEO Information Strictly follow the instructions for filling the SEO information. [Instruction](#)

- Title: Product name, Keyword 1, Keyword 2 - HUAWEI CLOUD Marketplace
- Keywords: Keyword 1, Keyword 2, Keyword 3
- Description: HUAWEI CLOUD Marketplace + Product name + Product features/functions

Previous Preview **Submit** Your data will be automatically saved in 8 seconds. Save Draft

Figure 2-1 Product specifications

② Add Manage Product Attribute

Specification 1

- Specification Number: 1
- Specification Name: [Empty]
- Billing Mode:
 - Pay-per-use \$ [Empty] USD/hour
 - Monthly \$ [Empty] USD/month
 - Yearly \$ [Empty] USD/year
- Region: --Select--
- AZ: --Select--
- Image: Select If no images are available, create an image.
- ECS Filter: None vCPUs
- ECS Configuration: Select

Image Name	OS Type	Architecture	Operation
Recommended ECS specifications. When resources are sold out, the specifications and models will be adjusted. For example, when S2.2xlarge.1 is sold out, the recommended specification changes to the in-sales S3.2xlarge.1.			
vCPUs Memory	Flavor	System Disk I/O Type	Recommended Configuration
			Operation

 NOTE

- If you set **Public Product** to **No**, the product will be hidden from the Marketplace frontend page and search results. Users can access and purchase the product only by using the product URL you provide. To obtain the URL of such a product, choose **Product Management > My Products**. In the same row of the product, click **Details** in the **Operation** column. The URL is displayed in the **Service Information** area on the product details page.
- If no images are available when you add product specifications in the **Product Specifications** area, you can [create an image](#). Currently, system disk images created using public images provided by HUAWEI CLOUD in the Bangkok, Hong Kong SAR (China), Johannesburg, Mexico City, Santiago, Sao Paulo, and Singapore regions can be released to the Marketplace on HUAWEI CLOUD (International).
- Private images of the following types cannot be released to the Marketplace: shared images, encrypted images, released images, Full-ECS images, and private images that are made based on external shared images or market images.
- An image product can be released in multiple regions. You can select multiple regions in the **Product Specifications** area.
- After a private image is released to the Marketplace, the product price attribute is assigned to the private image and the image is locked. You cannot use the image to install or deploy a VM or release a new product. To use the image after product release, you must purchase it from the Marketplace. Exercise caution when releasing a private image to the Marketplace.
- Fill in the SEO information by referring to the [instructions](#) to facilitate entry addition of third-party search engines such as Google.

Step 11 Click **Preview**.

The product details page is displayed.

Step 12 Confirm the configuration and click **Submit**.

The message "Are you sure you want to submit the product information?" is displayed.

Step 13 Click **Yes**.

The message "Product release information submitted successfully." is displayed.

 NOTE

- You can upload a maximum of 100 documents or software of 10 GB in total to the Seller Console in a single day.
- When releasing a product, you can click **Save Draft** to save the product information before submission. You can choose **Product Management > My Applications** or **Product Release > Drafts** to view the draft information.
- HUAWEI CLOUD Marketplace will review the product information you submitted within three business days. The review result will be sent to the email address bound to your HUAWEI CLOUD account. The product will be available on the Marketplace upon approval from the Marketplace.

----End

2.4 Creating Images

You can use HUAWEI CLOUD public images to create private images based on the ECSs and other cloud resources. When purchasing cloud resources, you are advised

to select general computing S3 ECSs, and you need to select a public image. After deploying products you need on the purchased ECS, perform the following steps to create a private image.

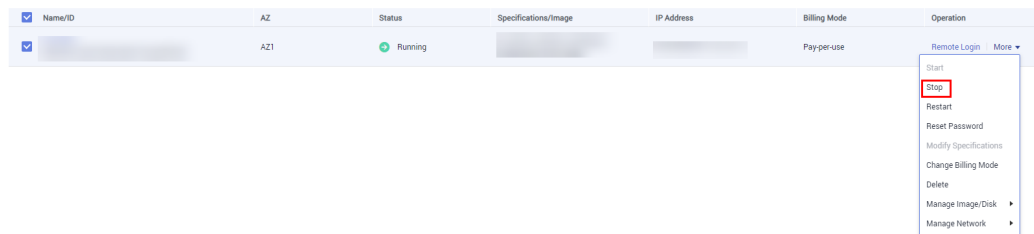
NOTE

Pay attention to the following information when purchasing an ECS required for image creation on HUAWEI CLOUD:

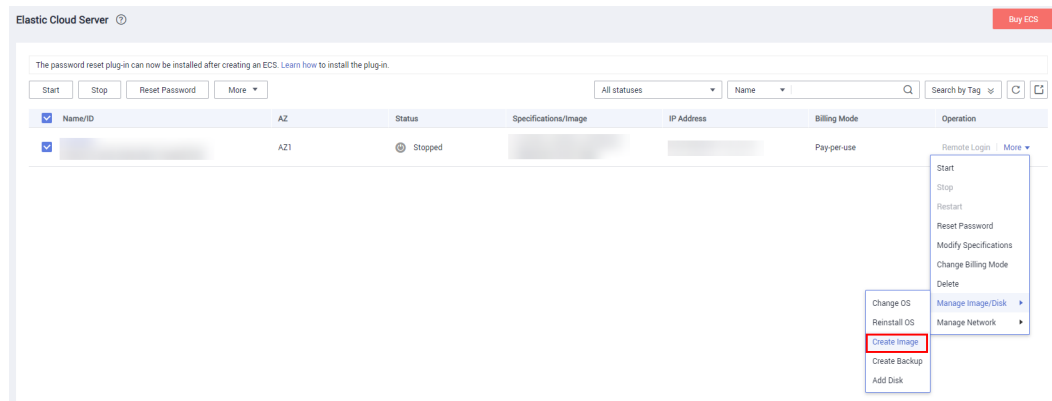
- General computing and general computing-plus ECSs are recommended. Memory-optimized, high-performance computing, disk-intensive, and GPU-accelerated ECSs are used by special products and are not recommended.
- You can select ports to be opened in **Security Group** as required.

Procedure

Step 1 After deploying and installing products you need on the ECS, log in to the **ECS console**, locate the target ECS, and choose **More > Stop** in the **Operation** column to stop the ECS.



Step 2 Choose **More > Manage Image/Disk > Create Image** in the **Operation** column on the right of the ECS.



Step 3 In the **Image Type and Source** area, click the **ECS** tab and select the target host for **Source**, set the image name and description in the **Image Information** area, and click **Next**.

The IMS service is now in commercial use. You will be charged the private image storage fees. For details, see [IMS pricing](#).

Image Type and Source

* Type: **System disk image** | Full-ECS image | Data disk image | ISO image

* Source: **ECS** | Image File

- You can only use a running or stopped ECS to create a private image.
- You need to first customize and optimize the ECS to suit your needs. For example, you need to install Cloud-Init if the ECS runs Linux and install Cloudbase-Init if the ECS runs Windows. [Learn more](#)
- Do not perform any operation on the selected ECS or associated resources during image creation.

All statuses | Name | Q | C

Name	OS	Status	Private IP Address	Created
▼				

Selected: ecs-e673(OS: CentOS 6.8 64bit)System Disk: Ultra-high I/O | 50 GB
[Buy ECS](#)

Image Information

Encryption: Unencrypted ?

* Name:

Tag: It is recommended that you use TMS's predefined tag function to add the same tag to different cloud resources.
 Tag key: Tag value:
 You can add 10 more tags.

Description: 0/1,024

NOTE

Image products on the Marketplace are system disk images created on the HUAWEI CLOUD public system. When creating an image, create a system disk image.

Step 4 On the **Details** page, confirm the image information and click **Submit**.

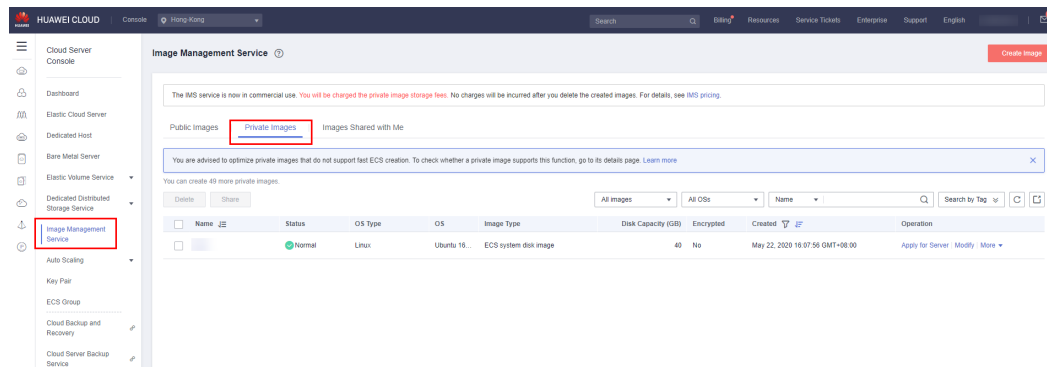
< **Create Image** ?

Details

Resource	Configuration	Quantity
System disk image	Name: <input type="text"/> Source: <input type="text"/> Description: <input type="text"/>	1

I have read and agree to the [Huawei Image Disclaimer](#).

Step 5 In the navigation pane on the left, choose **Image Management Service > Private Images** to view the created private image.



NOTE

Save the ECS login password for image buyers when creating a Windows private image.

----End

2.5 Releasing Consulting Services

Prerequisites

Consulting services are offered on the Marketplace as products. This type of products is not traded on the Marketplace. The Marketplace only provides links to access the products on sellers' official websites.

Procedure

- Step 1** Go to the [Seller Console](#).
- Step 2** In the navigation pane, choose [Product Management > My Products](#).
- Step 3** Click **Release New Product** in the upper right corner of the page.
The **Product Release** page is displayed.
- Step 4** In the **Delivery Method** area, select **Consulting Service**.

In the **Basic Information** area, set **Product Name** and **Version**, and upload a logo as instructed.

NOTE

For details about parameter settings, see [2.1 Product Release Description](#).

1 Enter Basic Information — 2 Enter Product Details — 3 Enter Qualification Information — 4 Enter Service Information

Delivery Method


Image SaaS **Consulting Service** License

Consulting services are offered on the Marketplace as products. This type of products is not traded on the Marketplace. The Marketplace only provides links to access the products on sellers' official websites.

Basic Information

* Product Name Product name that will be displayed to users.

* Version Version number in Vx.x format is recommended, such as V1.0.

* Logo 

Your data will be automatically saved in 30 seconds.

Step 5 Click **Next**.

The **Product Details** page is displayed.

Step 6 Enter the product information (including **Overview**, **Description**, and **Highlights**), and describe customer cases as instructed.

1 Enter Basic Information — 2 **Enter Product Details** — 3 Enter Qualification Information — 4 Enter Service Information

Product Details

* Overview 0/1,000
Enter a product overview containing 1 to 1000 characters. The overview will be displayed on the Marketplace catalog and the product details page.

* Description 0/5,000
Provide details about your product, including core functions and services. They will be presented on the product details page. They must contain 1000 to 5000 characters.

* Highlights

5 highlights are recommended (500 characters limit).

Customer Case

Your data will be automatically saved in 6 seconds.

NOTE

- You can drag the lower right corner of the **Description** text box to resize it.
- You can hover the mouse pointer over the customer case you have added, and then you can delete or edit the case.

Step 7 Click **Next**.

The **Qualification Information** page is displayed.

Step 8 Set **End User License Agreement**, **After-Sales Support**, **User Guide**, **Software Copyright Certificate**, and **Open-Source Software Notice** as instructed.

1 Enter Basic Information — 2 Enter Product Details — 3 Enter Qualification Information — 4 Enter Service Information

Qualification Information

* End User License Agreement 0/200,000

End User License Agreement (EULA) is an agreement signed between you and your marketplace end user. To better serve your marketplace end users and avoid legal disputes, you are advised to specify, in the EULA, your services and commitments, SLA, conditions of use, after-sales services and support, consumer rights protection, personal information and data protection, and your legal obligations (200,000 characters limit).

* After-Sales Support 105/3,000

Example:
 Time: 5 x 8 hours (GMT+08:00)
 Services: xxxyz
 Hotline: +852-00000000
 Email Address: xxx@yyy.com

Describe the after-sales services that you provide (3,000 characters limit).
 Specify the service time, service content, hotline, and email address, and ensure that you can provide timely after-sales support within the specified service time.

* User Guide Upload File

Maximum file size: 20 MB
 Supported file types: RAR, ZIP, DOC, DOCX, PDF, PPT, PPTX

Describe how to log in to the product management platform and use your product in the user guide. For an image product, specify the ports to open and describe how to log in to the ECS on which the image is deployed and use the image.

* Software Copyright Certificate Available None

Upload File

Upload the software copyright certificate or any other sales qualification certificates.
 Supported file size: 20 MB
 Supported file types: RAR, ZIP, DOC, DOCX, PDF, PPT, PPTX

For a product involving software, upload the software copyright certificate that matches the product name. For a Kunpeng product, upload the Kunpeng compatibility certificate of the product.

* Open-Source Software Notice Available N/A

Upload File

Declare the open-source software usage of the product in the Open-Source Software Notice. If no open-source software is used, select N/A. For terms related to open-source software, see HUAWEI CLOUD Marketplace Seller Agreement.

[Download Template](#)
Supported file size: 20 MB
 Supported file types: RAR, ZIP, DOC, DOCX, PDF, PPT, PPTX

Previous Next

Your data will be automatically saved in 14 seconds. Save Draft

NOTE

- **End User License Agreement**

The EULA is an online agreement entered into between you and customers. It takes effect when customers select it during order placement. It cannot contain any unfilled content and cannot be stamped. You can drag the lower right corner of the **End User License Agreement** text box to resize it.

- **After-Sales Support**

Add the time zone to the end of the service time, for example, **(GMT+08:00)**.

Ensure that your hotline and email address are reachable and you can provide after-sales services as required. If customers purchasing this product cannot contact your company or they do not receive any reply from you after sending emails for multiple times, the Marketplace will remove the product from the catalog.

Ensure that you can provide after-sales hotline and email services in English.

- **Software Copyright Certificate**

Upload a software copyright certificate that matches your product. The uploaded certificate will be reviewed by HUAWEI CLOUD Marketplace to confirm whether your product meets the release requirements. The certificate is only for review and will not be displayed on the product details page.

Step 9 Click **Next**.

The **Service Information** page is displayed.

Step 10 Set **Product Attributes** and **SEO Information** as instructed.

① Enter Basic Information — ② Enter Product Details — ③ Enter Qualification Information — ④ Enter Service Information

Product Attributes

* Public Product Yes No
Select Yes to allow users to purchase the product on the frontend page of the Marketplace. Select No to hide the product from the frontend page of the Marketplace and to allow users to purchase the product using the product URL you provide. You can click Details on the My Products page to view the URL of a product.
 Select No when releasing a SaaS product. After the product is released, the Marketplace will test the subscription process and use of the product. After the test is complete, the product will be sold publicly.

* Category

* Applicable OS

SEO Information Strictly follow the instructions for filling the SEO information. [Instruction](#)

* Title -HUAWEI CLOUD Marketplace
Enter the product name and keywords (advantages or type). Max. 55 characters. The title will be automatically suffixed with -HUAWEI CLOUD Marketplace.

* Keywords
Enter at least 3 keywords that make your product more visible in search results. (Max. 45 characters)

* Description
Describe the product functions, application scenarios, and highlights that address user needs. (Max. 300 characters)

Enter the SEO information to increase the exposure chance for your product.

Your data will be automatically saved in 16 seconds.

NOTE

- If you set **Public Product** to **No**, the product will be hidden from the Marketplace frontend page and search results. Users can access and purchase the product only by using the product URL you provide. To obtain the URL of such a product, choose **Product Management > My Products**. In the same row of the product, click **Details** in the **Operation** column. The URL is displayed in the **Service Information** area on the product details page.
- Fill in the SEO information by referring to the [instructions](#) to facilitate entry addition of third-party search engines such as Google.

Step 11 Click **Preview**.

The product details page is displayed.

Step 12 Confirm the configuration and click **Submit**.

The message "Are you sure you want to submit the product information?" is displayed.

Step 13 Click **Yes**.

The message "Product release information submitted successfully." is displayed.

NOTE

- You can upload a maximum of 100 documents or software of 10 GB in total to the Seller Console in a single day.
- When releasing a product, you can click **Save Draft** to save the product information before submission. You can choose **Product Management > My Applications** or **Product Release > Drafts** to view the draft information.
- HUAWEI CLOUD Marketplace will review the product information you submitted within three business days. The review result will be sent to the email address bound to your HUAWEI CLOUD account. The product will be available on the Marketplace upon approval from the Marketplace.

----End

2.6 Releasing SaaS Products

Prerequisites

Before releasing SaaS products to the Marketplace, you must:

- Deploy your SaaS products on HUAWEI CLOUD (International) infrastructure. HUAWEI CLOUD Marketplace does not accept SaaS products that are deployed on non-HUAWEI CLOUD IaaS.
- Follow the guidance described in [SaaS Product Access Guide](#) to develop interfaces.
- Debug interfaces for application access. The Marketplace provides the application access debugging function. For details, see [Debugging Application Access and Managing Cases for SaaS Products](#). Ensure that all required interfaces are debugged successfully. The Marketplace will save the successful debugging cases for interface verification during review of SaaS product release and modification requests to ensure that the products can be enabled after subscription.
- If your SaaS products involve websites (including frontend and backend portals), ensure that your products do not contain malicious content or high-risk vulnerabilities. Before releasing your products, scan them by following the [2.9 SaaS Product Security Vulnerability Scan Operation Guide and Security Specifications](#). When releasing the products, associate the products with the corresponding scan test reports and submit them for review.

Procedure

Step 1 Go to the [Seller Console](#).

Step 2 In the navigation pane, choose [Product Management > My Products](#).

Step 3 Click **Release New Product** in the upper right corner of the page.

The **Product Release** page is displayed.

Step 4 In the **Delivery Method** area, select **SaaS**. In the **Basic Information** area, set **Product Name** and **Version**, upload a logo, and set **Production System API URL**, **Extension Parameters**, **User Authorization Required**, **Sensitive Information Encryption Algorithm**, and **Vulnerability Scans** as instructed.

 NOTE

- For details about parameter settings, see [2.1 Product Release Description](#).
- **Production System API URL**

Select a saved address of a service interface that has been debugged. The address must start with `http://` or `https://` and must be a domain name. The production system server must be deployed on a HUAWEI CLOUD ECS.

To release a product billed on a yearly/monthly basis, debug the interfaces of product subscription (yearly/monthly) and expiration as well as resource renewal and release. To release a product billed by one-time payment, debug the interfaces of product subscription (one-time) and resource release. For details about interface debugging, see [2.10 Debugging Application Access and Managing Cases for SaaS Products](#).

The version of the security transport layer protocol must be TLS1.1 or TLS1.2. TLS1.0, SSL1, and SSL2 cannot be used because they cannot ensure secure communications on the transport layer.
- **Extended Parameters**

Optional. You can click **Add** next to **Extension Parameters** to add up to three extension parameters that are required for product subscription. Ensure that the interface containing the extension parameters to be added have been debugged successfully.

To add a non-default parameter type, send an email to the Marketplace operations manager (partner@huaweicloud.com) to apply for adding the required parameter type. The application result is subject to the Marketplace feedback.
- **User Authorization Required**

Optional. You can choose customers' private information to be transferred, such as the mobile number, email address, and IAM user name. You can select multiple options.

If the **To create an account based on phone number** option is selected, the parameter **mobilePhone** is included in the subscription request.

If the **To create an account based on email address** option is selected, the parameter **email** is included in the subscription request.

If the **To create an account based on IAM username** option is selected, the parameters **userId** and **userName** are included in the subscription request.
- **Sensitive Information Encryption Algorithm**

If privacy fields need to be transferred in a request, select an encryption algorithm for sensitive information based on the site requirements.
- **Vulnerability Scans**

If the product to be released involves vulnerability scans, select a vulnerability scan result. If the product does not involve vulnerability scans, enter the exception cause.

Delivery Method


Image **SaaS** Consulting Service License

SaaS products are application software products provided by sellers to run on HUAWEI CLOUD IaaS. After purchasing a SaaS product, users can log in to specified websites to use the product without separately purchasing IaaS resources. The HUAWEI CLOUD Marketplace does not accept SaaS products that are deployed on non-HUAWEI CLOUD IaaS. Before releasing SaaS products, follow the [SaaS product access guide](#) to develop interfaces. This ensures that production interfaces can be correctly invoked and the products can be enabled after subscription.

Basic Information

* Product Name Enter a maximum of 50 characters. Product name are visible to users on the product details and expenditure details pages.

* Version Version number in V.x format is recommended, such as V1.0.

* Logo 

* Production System API URL Enter a valid domain name starting with http:// or https://. The product can be released only after the service interface is connected to the Marketplace. [Debug the interface](#) or [manage cases](#) for Marketplace access.

User Authorization Required To create an account based on phone number To create an account based on email address To create an account based on IAM username

* Vulnerability Scans Associate vulnerability scan results Does not involve website vulnerability scan
Select the vulnerability scan result related to the SaaS product you want to release. Since August 1, 2020, all SaaS products that involve websites must accept a vulnerability scan before being released or having their specifications modified. [Perform a website vulnerability scan](#).

Select a website vulnerability scan result:

Scan Service Name/Domain	Last Scanned	Last Scan Result
No data available.		

Your data will be automatically saved in 30 seconds.

Step 5 Click **Next**.

The **Product Details** page is displayed.

Step 6 Enter the product information (including **Overview**, **Description**, and **Highlights**), and describe customer cases as instructed.

Product Details

* Overview 0/1,000
Enter a product overview containing 1 to 1000 characters. The overview will be displayed on the Marketplace catalog and the product details page.

* Description 0/5,000
Provide details about your product, including core functions and services. They will be presented on the product details page. They must contain 1000 to 5000 characters.

* Highlights
Add some product highlights.
5 highlights are recommended (500 characters limit).

Customer Case

Your data will be automatically saved in 6 seconds.

NOTE

- You can drag the lower right corner of the **Description** text box to resize it.
- You can hover the mouse pointer over the customer case you have added, and then you can delete or edit the case.

Step 7 Click Next.

The **Qualification Information** page is displayed.

Step 8 Set End User License Agreement, After-Sales Support, User Guide, Software Copyright Certificate, and Open-Source Software Notice as instructed.

NOTE

• **End User License Agreement**

The EULA is an online agreement entered into between you and customers. It takes effect when customers select it during order placement. It cannot contain any unfilled content and cannot be stamped. You can drag the lower right corner of the **End User License Agreement** text box to resize it.

• **After-Sales Support**

Add the time zone to the end of the service time, for example, **(GMT+08:00)**.

Ensure that your hotline and email address are reachable and you can provide after-sales services as required. If customers purchasing this product cannot contact your company or they do not receive any reply from you after sending emails for multiple times, the Marketplace will remove the product from the catalog.

Ensure that you can provide after-sales hotline and email services in English.

• **Software Copyright Certificate**

Upload a software copyright certificate that matches your product. The uploaded certificate will be reviewed by HUAWEI CLOUD Marketplace to confirm whether your product meets the release requirements. The certificate is only for review and will not be displayed on the product details page.

Step 9 Click Next.

The **Service Information** page is displayed.

Step 10 Set Product Attributes, Product Specifications, and SEO Information as instructed.

① Enter Basic Information — ② Enter Product Details — ③ Enter Qualification Information — ④ Enter Service Information

Product Attributes

* Public Product Yes No
Select Yes to allow users to purchase the product on the frontend page of the Marketplace. Select No to hide the product from the frontend page of the Marketplace and to allow users to purchase the product using the product URL you provide. You can click Details on the My Products page to view the URL of a product.
 Select No when releasing a SaaS product. After the product is released, the Marketplace will test the subscription process and use of the product. After the test is complete, the product will be sold publicly.

* Category

* Applicable OS Windows Linux Unix Other

Product Specifications

⊕ Add ⊗ Manage Product Attribute

▼ Specification 1

SEO Information

strictly follow the instructions for filling the SEO information. [ⓘ Instruction](#)

* Title -HUAWEI CLOUD Marketplace
Enter the product name and keywords (advantages or type). Max: 55 characters. The title will be automatically suffixed with -HUAWEI CLOUD Marketplace.

* Keywords
Enter at least 3 keywords that make your product more visible in search results. (Max: 45 characters)

* Description
Describe the product functions, application scenarios, and highlights that address user needs. (Max: 300 characters)
 Enter the SEO information to increase the exposure chance for your product.

Your data will be automatically saved in 14 seconds.

Figure 2-2 Product specifications

⊕ Add ⊗ Manage Product Attribute

^ Specification 1

Specification Number
The specification number determines the order in which this specification will be displayed on the product details page. Enter 1 to display this specification as the first one.

* Specification Name

* Pricing Template ⓘ

* Billing Mode Monthly USD/month
 Yearly USD/year
 One-time USD/one-time

 NOTE

- If you set **Public Product** to **No**, the product will be hidden from the Marketplace frontend page and search results. Users can access and purchase the product only by using the product URL you provide. To obtain the URL of such a product, choose **Product Management > My Products**. In the same row of the product, click **Details** in the **Operation** column. The URL is displayed in the **Service Information** area on the product details page.
- In the **Product Specifications** area, you can select **Trial** and set **Trial Days** for products billed on a yearly/monthly basis. Once you select **Trial**, all yearly/monthly products of the same specification can be used for trial. Customers can upgrade to the yearly/monthly subscriptions when the trial period expires.
- Once you have released a specification for trial use, you are not allowed to prohibit trial use or change the trial period. Ensure that trial use of your product is allowed when releasing specifications for trial use.
- When you release your SaaS product for the first time, set **Public Product** to **No**, add a test specification priced 0, and set **Trial Days** to **3** for the product release test on the Marketplace. After the test is complete, the test specification will be removed from the Marketplace, and your product will be open to the public for sale.
- If you want to set a fixed price for product specifications in yearly/monthly or one-time payment billing mode, select a simple pricing template.
If you want to set a separate price in each SKU for product specifications in yearly/monthly or one-time payment billing mode, select a custom pricing template. If an SKU contains attributes of the quantity type, you can also use linear or tiered pricing for the attributes. For details about how to release a SaaS product specification that contains multiple SKU attributes, see [2.7 Releasing Multi-SKU Product Specifications](#).
- Fill in the SEO information by referring to the [instructions](#) to facilitate entry addition of third-party search engines such as Google.

Step 11 Click **Preview**.

The product details page is displayed.

Step 12 Confirm the configuration and click **Submit**.

The message "Are you sure you want to submit the product information?" is displayed.

Step 13 Click **Yes**.

The message "Product release information submitted successfully." is displayed.

 NOTE

- When a SaaS product is released to the Marketplace, the Marketplace calls service interfaces of the product using the cases saved after successful interface debugging to verify the API address of the production system. If any service interface fails the verification, a message will be displayed in the upper right corner of the page. Ensure that all service interfaces of the product have been debugged successfully before submitting the product information.
- You can upload a maximum of 100 documents or software of 10 GB in total to the Seller Console in a single day.
- When releasing a product, you can click **Save Draft** to save the product information and later view the draft on the **Product Management > My Applications** page or the **Product Release > Drafts** page.
- HUAWEI CLOUD Marketplace will review the product information you submitted within three business days. The review result will be sent to the email address bound to your HUAWEI CLOUD account. The product will be available on the Marketplace upon approval from the Marketplace.
- After a SaaS product is approved and released, the product is temporarily hidden. The Marketplace will subscribe to the test specifications of the product within three business days for testing. If the testing results are satisfactory, the test specifications will be removed from the catalog and the product can be sold to customers. If any problems are found during the testing, an email will be sent to your customer service email address or after-sales support email address. You need to solve the problems and respond to the email within two business days. Otherwise, your product is considered to have failed the testing and will be removed from the catalog.

----End

2.7 Releasing Multi-SKU Product Specifications

Prerequisites

- Before releasing a product specification that contains multiple SKU attributes, you need to create pricing attributes for generating SKUs. For details, see [3.7 Managing Product Attributes](#).

NOTICE

Currently, only **SaaS products** and **license products** support multi-SKU pricing.

- If the multi-SKU SaaS product specification you want to release contains attributes of the quantity type, such as a number, amount of bandwidth, or disk size, you need to debug the corresponding parameters during interface debugging before releasing the product specification. For details, see [2.10 Debugging Application Access and Managing Cases for SaaS Products](#).
For example, assume that a software product is billed by edition, user quantity, and time. The edition is an enumerated value, the user quantity is a quantity value, and the time is a specifications-based billing mode. On the **Product Attributes** page, add an enumeration attribute named **edition** and a quantity attribute named **user quantity**. Select the two attributes during product release, set the quantity attribute range, set the enumerated values, for example, **Standard**, **Enterprise**, and **Premium**, and generate the SKU.

The following uses a SaaS product specification that supports multi-SKU pricing as an example.

Procedure

Step 1 When adding a product specification, set **Pricing Template** to **Custom template**.

Step 2 Enter the names of your product specifications.

Specification 1

Specification Number: 1
The specification number determines the order in which this specification will be displayed on the product details page. Enter 1 to display this specification as the first one.

* Specification Name: [Input field]
Enter a maximum of 50 characters. Specification names are visible to users on the product details and expenditure details pages.

* Pricing Template: Custom template [Dropdown menu]

* Billing Mode: Monthly Yearly One-time

[Select Product Attribute] button

Released product specifications based on attribute definitions cannot be modified or deleted.

Step 3 Select product attributes to generate SKUs.

1. Click **Select Product Attribute**. In the displayed **Generate Product Attribute-based SKUs** dialog box, select the product attributes to be used for product pricing. You can select one attribute of the quantity type and up to five attributes of the enumeration type. You cannot add, modify, or delete the attributes of a product you have already released.

Generate Product Attribute-based SKUs

1 Select Attribute ——— 2 Set Attribute ——— 3 Generate SKU

Select billing items. You can select only 1 billing item of the quantity type and no more than 5 of the enumeration type. A maximum of 100 SKUs can be generated by default, and the product of the number of enumerated values for each attribute cannot exceed 100. The product pricing attributes cannot be modified or deleted after the product is released to the Marketplace.

Attribute Name	Type	Attribute Code	Unit	Updated
<input type="checkbox"/> meiju2	Enumeration	meiju	--	2019-12-17 19:41:57
<input type="checkbox"/> 1TB	Quantity	amount	--	2019-10-31 09:58:53
<input type="checkbox"/> 5GB	Enumeration	c	--	2019-10-31 09:58:48

10 Total Records: 3 < 1 >

[Next] [Cancel]

2. Click **Next** to set the attributes. Enter the maximum value, minimum value, and minimum increment (step) for the selected attribute of the quantity type, and enter the enumerated values for the selected attributes of the enumeration type. You can add up to 10 enumerated values for each attribute of the enumeration type.

By default, a maximum of 100 SKUs can be generated, and the product of the number of enumerated values for each attribute cannot exceed 100. If the maximum number is exceeded, you have to delete unnecessary enumerated values.

Generate Product Attribute-based SKUs

×

① Select Attribute — ② Set Attribute — ③ Generate SKU

You can add up to 10 enumerated values for each attribute. A maximum of 100 SKUs can be generated by default, and the product of the number of enumerated values for each attribute cannot exceed 100.

1TB

Min.

Max.

Step

meiju2

Enumerated Value 1

5GB

Enumerated Value 1

- Click **Next** and confirm the SKU information. Then, click **Generate SKU**. SKUs are generated based on enumerated values. They are visible to users on the expenditure details page but not displayed on the product details page.

Generate Product Attribute-based SKUs

×

① Select Attribute — ② Set Attribute — ③ Generate SKU

SKUs are generated based on enumerated values. They are visible to users on the expenditure details page but not displayed on the product details page.

No.	meiju2	5GB	SKU Name
1	blue	basic	blue basic
2	blue	Ultimate	blue Ultimate
3	red	basic	red basic
4	red	Ultimate	red Ultimate

10 Total Records: 4 < 1 >

- Select a billing mode and the target SKU, and then set the price.

NOTE

- On the product details page, users can only subscribe to SKUs that you have selected and set prices in this step.
- If you select an attribute of the quantity type, you need to select a pricing method, linear pricing or tiered pricing, before you set the price for an SKU. When linear pricing is used, the product price is equal to the subscription quantity multiplied by the unit price. When tiered pricing is used, the product price is equal to the subscription quantity multiplied by the unit price of the tier to which the subscription quantity belongs.

Figure 2-3 Linear pricing

The screenshot shows the pricing configuration interface. Under the 'Billing Mode' section, 'Monthly' is selected. Below it, 'Linear pricing' is selected with a red box around it. The table below shows two SKUs: 'red | basic' and 'red | Ultimate', both with a quantity of 1-999. The price columns are set to 'USD/unit/month', 'USD/unit/year', and 'USD/unit/one-time'.

SKU Name	1TB(unit)	Price		
red basic	1-999	USD/unit/month	USD/unit/year	USD/unit/one-time
red Ultimate	1-999	USD/unit/month	USD/unit/year	USD/unit/one-time

Figure 2-4 Tiered pricing

The screenshot shows the pricing configuration interface with 'Tiered pricing' selected. The table below shows one SKU: 'red | basic' with a quantity of 1-999. The 'Price' column has a dropdown menu with options: 'USD/unit/month', 'USD/unit/year', and 'USD/unit/one-time'. There are also input fields for 'From' and 'to' values, and a 'Greater Than' field.

SKU Name	1TB(unit)	Price		
red basic	1-999	From: [] to: []	Greater Than: []	USD/unit/month, USD/unit/year, USD/unit/one-time

The screenshot shows the product specification configuration interface. The 'Specification Name' is 'test'. The 'Billing Mode' is 'Monthly'. 'Linear pricing' is selected. The table below shows four SKUs: 'red | basic', 'red | Ultimate', 'blue | basic', and 'blue | Ultimate', all with a quantity of 1-999. The price columns are set to 'USD/unit/month', 'USD/unit/year', and 'USD/unit/one-time'. There is also a 'Trial' section with a 'Trial Days' input field set to '1/1'.

SKU Name	1TB(unit)	Price		
red basic	1-999	USD/unit/month	USD/unit/year	USD/unit/one-time
red Ultimate	1-999	USD/unit/month	USD/unit/year	USD/unit/one-time
blue basic	1-999	USD/unit/month	USD/unit/year	USD/unit/one-time
blue Ultimate	1-999	USD/unit/month	USD/unit/year	USD/unit/one-time

5. Select **Trial** and set **Trial Days** to a value from 3 to 180. The value will take effect for all SKUs using this specification. Exercise caution when specifying this value.

 NOTE

License products do not support trial specifications. You can skip this step.

----End

2.8 Enabling SaaS Product Access from the Marketplace

Before releasing a SaaS product, you must develop interfaces that can be called by the HUAWEI CLOUD Marketplace. For the access operations, see [SaaS Product Access Guide](#).

2.9 SaaS Product Security Vulnerability Scan Operation Guide and Security Specifications

Security Vulnerability Scan Operation Guide

If your SaaS products involve websites (including frontend and backend portals), ensure that your products do not contain malicious content or high-risk vulnerabilities. Scan your products before releasing them. The procedure is as follows:

Procedure

- Step 1** Go to the [Seller Console](#).
- Step 2** In the navigation pane, choose [Application Tools > Vulnerability Scans](#).
- Step 3** In the **Basic Information** area, set the name, mobile number, and email address of the contact person, and click **Save**.

Basic Information

Company Name	<input type="text"/>
* Contact Person	<input type="text"/>
* Phone Number	<input type="text"/>
* Email	<input type="text"/>
<input type="button" value="Save"/>	

- Step 4** In the **Scan Services** area, click **Create Scan Service**.

Scan Services

[Create Scan Service](#) no more than 5 scan services can be created. You can create 1 more scan services. For more details about vulnerability scans, see the [Help Center](#).

Scan Service Name/Domain	Verification Status	Last Scanned	Last Scan Result	Operation
	Verified	2020-10-16 09:09:00	Progress: 100% Result: Failed ● High: 1 ● Medium: 0 ● Low: 6 ● Informational: 0 Download Report	Scan Edit Delete

Step 5 Enter basic scan details and click **Next**.

Create Scan Service

1 Create Scan Service — 2 Verify Domain Ownership — 3 Configure Website

Scan Service Details

* Scan Service Name Example: XXX SaaS application management website scan

* Domain Name/IP Address ?

[Next](#) [Cancel](#)

Step 6 Verify the domain name ownership authentication, select **I have read and agree to the HUAWEI CLOUD Vulnerability Scan Service Agreement**, and click **Verify**.

Configure Website

1 Create Scan Service — 2 Verify Domain Ownership — 3 Configure Website

Procedure

- Download the verification file to a local directory.
- Upload the verification file to the root directory of the website. Do not modify the file name or content.
- Verify whether the file can be accessed over public networks.
- Click Verify to verify the domain.

I have read and agree to the [HUAWEI CLOUD Vulnerability Scan Service Agreement](#).

[Previous](#) [Verify](#) [Cancel](#)

Step 7 Enter the website login details, confirm the details, and click **Confirm**.

Configure Website

① Create Scan Service — ② Verify Domain Ownership — ③ Configure Website

If the website has webpages that can only be accessed after login, configure the following login methods so that the scan tool can help you detect more security issues.

* Login Address

Login method 1: Username and password

Username

Password

Confirm Password

Login method 2: Cookies

Cookie Value [Obtain Cookies](#)

Webpage for Verification
Verify your login credentials by entering the address of a webpage that can only be accessed after login.

* Webpage Address

Step 8 After the scan service is added, click **Scan** in the **Operation** column in the row containing the scan service to start it.

Scan Services

Create Scan Service No more than 5 scan services can be created. You can create 1 more scan services. [For more details about vulnerability scans, see the Help Center.](#)

Scan Service Name/Domain	Verification Status	Last Scanned	Last Scan Result	Operation
[blurred]	Verified	2020-10-16 09:09:00	Progress 100% Result Failed High: 1 Medium: 0 Low: 6 Informational: 0 Download Report	Scan Edit Delete
[blurred]	Verified	2020-10-16 05:05:02	Progress 100% Result Failed High: 3 Medium: 1 Low: 217 Informational: 0 Download Report	Scan Edit Delete
[blurred]	Verified	2020-10-16 09:09:59	Progress Failed Result Failed High: 0 Medium: 0 Low: 0 Informational: 0	Scan Edit Delete
[blurred]	Verified	2020-08-13 11:11:58	Progress Failed Result Failed High: -- Medium: -- Low: -- Informational: --	Scan Edit Delete

NOTE

- Up to five scan services can be created.
- If a product has multiple login addresses, you must create multiple scan services. Only one scan services of the same domain name can be executed at a time.
- Scan services whose domain names have not been verified cannot be edited. Scan services that are being executed cannot be edited or deleted. For scan services of a verified domain name, the domain name cannot be changed.
- After the scan is complete, you can view the scan result and report. When releasing the product, associate the scan result with the product and submit them for review.

----End

SaaS Product Release Security Specifications

If your SaaS products involve websites (including frontend and backend portals), ensure that your products do not contain common web vulnerabilities, such as cross-site scripting (XSS), SQL injection, cross-site request forgery (CSRF), XML external entity (XXE) injection, OS injection, cross-directory access, file upload vulnerabilities, sensitive information leakage, URL redirection leakage, transport

layer security (TLS) configuration defects, and web page Trojan horses. If the scan result of a product indicates that the product has a high-risk vulnerability, the product fails the scan. Fix the vulnerability before releasing the product.

2.10 Debugging Application Access and Managing Cases for SaaS Products

For SaaS products:

- HUAWEI CLOUD Marketplace provides the **Application Access Debugging** page in the Seller Console to ensure that SaaS products can be accessed correctly from the Marketplace. You can debug interfaces on this page.
- HUAWEI CLOUD Marketplace provides the message record function to record the successful and failed interface calls of the Marketplace.

Application Access Debugging

The product subscription interface is used as an example.

- Step 1** Set the parameters on the independent service vendor (ISV) server based on the parameter descriptions in the [Request Message](#).
- Step 2** Go to the [Seller Console](#).
- Step 3** In the navigation pane, choose [Application Tools > Application Access Debugging](#).
- Step 4** On the **Subscription** tab page, enter the parameter values preset in [Step 1](#), and click **Generate Link Address** to generate an example request. For details about the parameters, see [Interface Description](#).

(Optional) If product specifications that are priced using a custom template contain attributes of the quantity type, such as a number, amount of bandwidth, or disk size, create the attributes on the product attribute management page, and navigate to the **Application Access Debugging** page to set related parameters and debug the interfaces. After the debugging is successful, you can release the product specifications.

(Optional) Click **Add Extension Parameter** to add up to three extension parameters that are required for product subscription. Ensure that the interface containing the extension parameters to be added have been debugged successfully. To add a non-default parameter type, send an email to the Marketplace operations manager (partner@huaweicloud.com) to apply for adding the required parameter type. The application result is subject to the Marketplace feedback.

1. Develop interfaces according to the [Product Access Guide](#), and then debug the interfaces on this page.
 2. Select the message production type and enter all required parameters. The preset parameter values are for reference only. Change them as required.
 3. Click Generate Link Address after entering all required parameters.
 4. After you click Debug and Save Case, the system invokes the production system link to debug the interface. If the debugging is successful, the case is saved. If the debugging fails, the error information is displayed in the lower part of the page as a reference for debugging.
 5. Cases can be saved and updated only after being debugged successfully. You can manage cases on the [Case Management](#) page. [More](#)

Subscription | Renewal | Expiration | Release | Upgrade

Parameter Description	Parameter Name	Parameter Value
* Interface address	URL	<input type="text" value="The same production system address must be specified for the subscription, renewal, expiration, release, and upgrade interfaces."/>
* Customer ID	customerid	<input type="text"/>
* Business ID	businessid	<input type="text"/>
IAM username	userName	<input type="text"/>
IAM user ID	userid	<input type="text"/>
* Billing mode	chargingMode	<input checked="" type="radio"/> Yearly/Monthly <input type="radio"/> One-time
* Product ID	productid	<input type="text"/>
* Expiration time	expireTime	<input type="text" value=""/> <input type="button" value="X"/> <input type="button" value="📅"/>
* Order ID	orderid	<input type="text"/>
Mobile number	mobilePhone	<input type="text"/>
Email address	email	<input type="text"/>
Customer name	customerName	<input type="text"/>
* Encryption algorithm	encryptType	<input checked="" type="radio"/> AES256_CBC_PKCS5Padding <input type="radio"/> AES128_CBC_PKCS5Padding
Enable trial instance	trialFlag	<input type="radio"/> 0 (No) <input type="radio"/> 1 (Yes) <input type="radio"/> N/A
Specification ID	skuCode	<input type="text"/>
Product Attributes	amount	<input type="text" value="1TB"/> <input type="button" value="ⓘ"/>

[Add Extension Parameter](#)

 **NOTE**

- Extension parameters are optional.
- The extension parameters are a JSON string carried in the **url** parameter in the form of **urlEncode(base64(saasExtendParams))**. After obtaining the value of the **saasExtendParams** parameter, the ISV server needs to use **base64Decode(urlDecode(saasExtendParams))** to obtain the JSON string of the extension parameters.

For example, in the JSON array
`[{"name": "emailDomainName", "value": "test.xxxx.com"}, {"name": "extendParamName", "value": "extendParamValue"}]`,

emailDomainName and **extendParamName** are the parameter values set during product release.

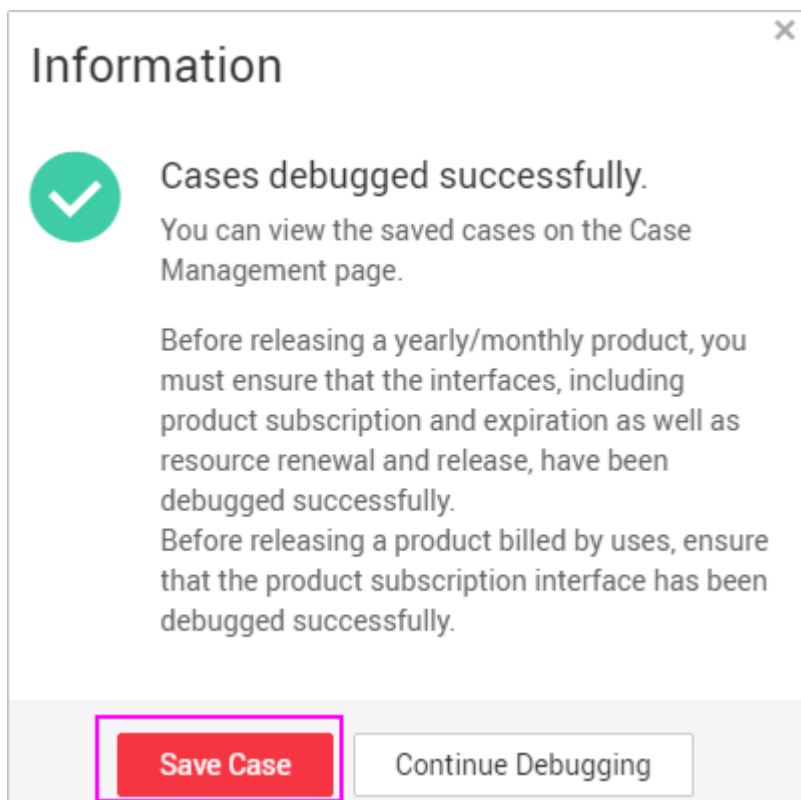
Step 5 Click **Debug and Save Case**. The system invokes the production system link to debug the interfaces. If the interfaces are debugged successfully, go to **Step 6**. If not, the error messages are displayed in the lower part of the page. You can modify the interface parameters based on the error messages.

 NOTE

- To release a product billed on a yearly/monthly basis, you need to debug the interfaces of product subscription and expiration as well as resource renewal and release, and save all the cases. On the **Subscription** tab page, set **Billing mode** to **Yearly/Monthly**.
- To release a product billed by one-time payment, you need to debug the interfaces of product subscription and resource release, and save the cases. On the **Subscription** tab page, set **Billing mode** to **One-time**.
- To release a product billed either on a yearly/monthly basis or by one-time payment, you need to debug the interfaces of product subscription and expiration as well as resource renewal and release, and save all the cases. Save two cases for product subscription. Set **Billing mode** to **Yearly/Monthly** in one case and to **One-time** in the other.

Step 6 The message "Cases debugged successfully." is displayed. Click **Save Case**.

You can query the cases that are successfully debugged on the [Application Tools > Case Management](#) page.



----End

Service Interface Messages

If a service interface fails to be called, the Marketplace will send an email to the email address bound to your HUAWEI CLOUD account, and the interface exception information will be displayed on the [Transaction Management > Service Interface Messages](#) page. Solve the exception based on the information as soon as possible to avoid unsubscription due to order enabling failure.

If the subscription interface fails to be called, the Marketplace will call the interface for 60 times (once every three minutes). If the interface exception is

resolved within 60 call attempts, the next call will be successful, and the order is enabled successfully. Otherwise, the Marketplace determines that the order fails to be enabled and automatically cancels the order.

If the renewal interface fails to be called, the Marketplace will call the interface again. You can view the interface exception information on the [Transaction Management > Service Interface Messages](#) page. After the exception is solved, notify the Marketplace to call the interface again.

If the resource expiration or release interface fails to be called, the Marketplace will call the interface for 60 times (once every minute). You can view the interface exception information on the [Transaction Management > Service Interface Messages](#) page. If the interface exception is resolved within 60 call attempts, the next call will be successful. Otherwise, the Marketplace stops calling the interface. After the exception is solved, go to the Seller Console, locate the order on the [Transaction Management > Service Interface Messages](#) page, and click **Restart Debugging** in the **Operation** column in the same row to call the interface again.

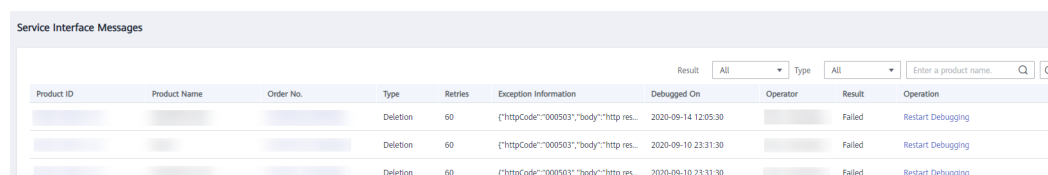
 NOTE

- Pay attention to emails sent by the Marketplace to the email address bound to your HUAWEI CLOUD account. If you receive an email about interface calling failures, solve the exception as soon as possible.
- The Marketplace monitors interface exceptions. If subscriptions to a SaaS product frequently fail due to interface exceptions, the Marketplace will remove the product from the catalog.

Step 1 Go to the [Seller Console](#).

Step 2 In the navigation pane, choose [Transaction Management > Service Interface Messages](#).

Step 3 Query interface calling records.



Product ID	Product Name	Order No.	Type	Retries	Exception Information	Debugged On	Operator	Result	Operation
			Deletion	60	{"httpCode":"000503","body":{"http res...	2020-09-14 12:05:30		Failed	Restart Debugging
			Deletion	60	{"httpCode":"000503","body":{"http res...	2020-09-10 23:31:30		Failed	Restart Debugging
			Deletion	60	{"httpCode":"000503","body":{"http res...	2020-09-10 23:31:30		Failed	Restart Debugging

----End

Case Management

To facilitate service interface debugging for subsequent new SaaS products that access the Marketplace, you can save and add cases of successful debugging on the [Application Access Debugging](#) page, and then manage cases on the [Case Management](#) page.

Step 1 Go to the [Seller Console](#).

Step 2 In the navigation pane, choose [Application Tools > Case Management](#).

Step 3 Manage cases.

- In the **Operation** column, click **Debug**. The [Application Access Debugging](#) page is displayed, and the case information is automatically loaded.

- To delete a case, click **Delete** in the **Operation** column.

 **NOTE**

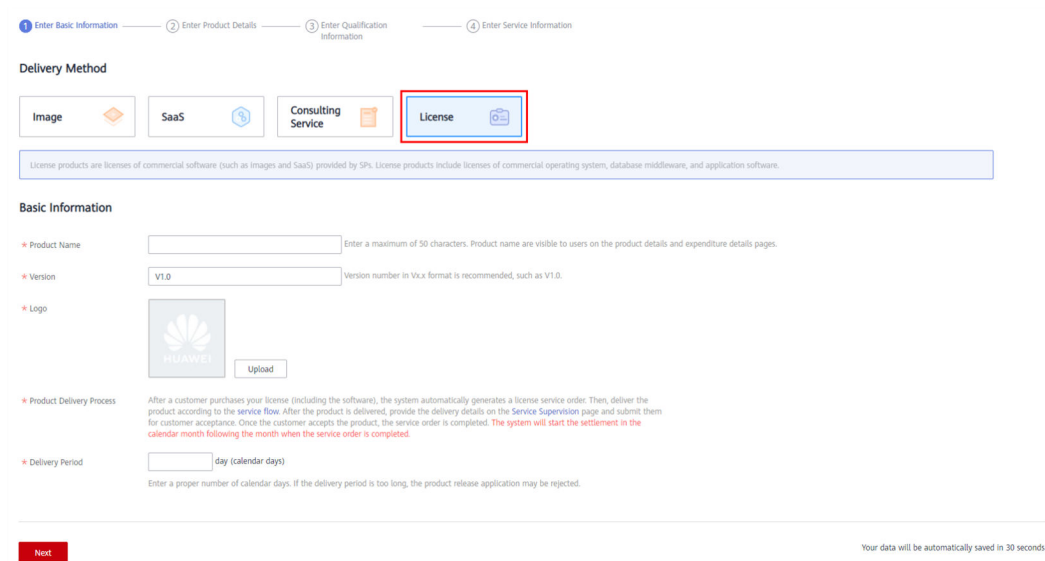
Cases for products that have already been released successfully cannot be deleted.

----End

2.11 Releasing Licenses

Procedure

- Step 1** Go to the [Seller Console](#).
- Step 2** In the navigation pane, choose [Product Management > My Products](#).
- Step 3** Click **Release New Product** in the upper right corner of the page.
The **Product Release** page is displayed.
- Step 4** In the **Delivery Method** area, select **License**. In the **Basic Information** area, set **Product Name** and **Version**, upload a logo, read the description of **Product Delivery Process**, and set **Delivery Period** as instructed.




The screenshot shows the 'Product Release' page with a progress bar at the top: 1 Enter Basic Information (active), 2 Enter Product Details, 3 Enter Qualification Information, 4 Enter Service Information.

Delivery Method

Image, SaaS, Consulting Service, **License** (highlighted with a red box).

License products are licenses of commercial software (such as Images and SaaS) provided by SPs. License products include licenses of commercial operating system, database middleware, and application software.

Basic Information

- * Product Name: Enter a maximum of 50 characters. Product name are visible to users on the product details and expenditure details pages.
- * Version: Version number in V.x format is recommended, such as V1.0.
- * Logo: 
- * Product Delivery Process: After a customer purchases your license (including the software), the system automatically generates a license service order. Then, deliver the product according to the service flow. After the product is delivered, provide the delivery details on the Service Supervision page and submit them for customer acceptance. Once the customer accepts the product, the service order is completed. The system will start the settlement in the calendar month following the month when the service order is completed.
- * Delivery Period: day (calendar days)
Enter a proper number of calendar days. If the delivery period is too long, the product release application may be rejected.

Your data will be automatically saved in 30 seconds.

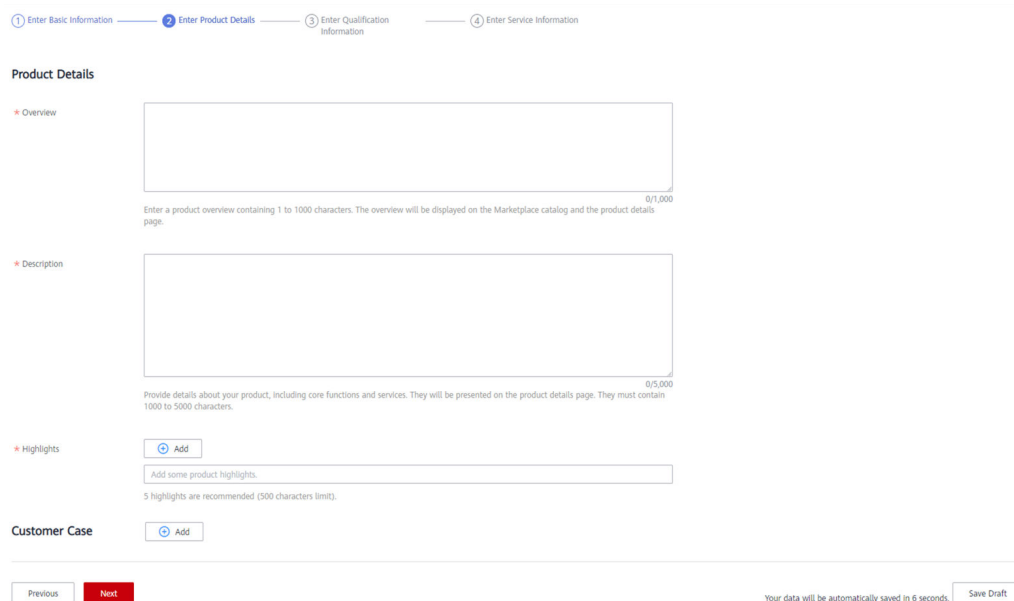
 NOTE

- For details about parameter settings, see [2.1 Product Release Description](#).
- **Delivery Process**
Select a service flow template. After a customer purchases your license (including the software), the Marketplace automatically generates a license service order. Deliver the license based on the selected service flow template. After the product is delivered, provide the delivery details on the **Service Supervision** page and submit them for customer acceptance. Once your product is accepted by the customer, the service order is completed. The Marketplace will start the settlement in the calendar month following the month when the service order is completed.
For details, see [4.1 Supervising Services of License Products](#).
- **Delivery Period**
Enter a proper number of calendar days. If the delivery period is too long or too short, your product release application may be rejected, or you may receive customer complaints if you cannot delivery the licence in the specified delivery period.

Step 5 Click **Next**.

The **Product Details** page is displayed.

Step 6 Enter the product information (including **Overview**, **Description**, and **Highlights**), and describe customer cases as instructed.



 NOTE

- You can drag the lower right corner of the **Description** text box to resize it.
- You can hover the mouse pointer over the customer case you have added, and then you can delete or edit the case.

Step 7 Click **Next**.

The **Qualification Information** page is displayed.

Step 8 Set **End User License Agreement**, **After-Sales Support**, **User Guide**, **Software Copyright Certificate**, and **Open-Source Software Notice** as instructed.

1 Enter Basic Information — 2 Enter Product Details — 3 Enter Qualification information — 4 Enter Service Information

Qualification Information

* End User License Agreement

End User License Agreement (EULA) is an agreement signed between you and your marketplace end user. To better serve your marketplace end users and avoid legal disputes, you are advised to specify, in the EULA, your service and commitments, SLA, conditions of use, after-sales services and support, consumer rights protection, personal information and data protection, and your legal obligations (200,000 characters limit).

* After-Sales Support

Example:
Time: 5 x 8 hours (GMT+08:00)
Services: xxxxxx
Hotline: +852-00000000
Email Address: xxx@yyy.com

Describe the after-sales services that you provide (3,000 characters limit).
Specify the service time, service content, hotline, and email address, and ensure that you can provide timely after-sales support within the specified service time.

* User Guide

Maximum file size: 20 MB
Supported file types: RAR, ZIP, DOC, DOCX, PDF, PPT, PPTX

Describe how to log in to the product management platform and use your product in the user guide. For an image product, specify the ports to open and describe how to log in to the ECS on which the image is deployed and use the image.

* Software Copyright Certificate Available None

Upload the software copyright certificate or any other sales qualification certificates.
Supported file size: 20 MB
Supported file types: RAR, ZIP, DOC, DOCX, PDF, PPT, PPTX

For a product involving software, upload the software copyright certificate that matches the product name. For a Kunpeng product, upload the Kunpeng compatibility certificate of the product.

* Open-Source Software Notice Available N/A

Declare the open-source software usage of the product in the Open-Source Software Notice. If no open-source software is used, select N/A. For terms related to open-source software, see HUAWEI CLOUD Marketplace Seller Agreement.

Your data will be automatically saved in 14 seconds.

NOTE

- **End User License Agreement**

The EULA is an online agreement entered into between you and customers. It takes effect when customers select it during order placement. It cannot contain any unfilled content and cannot be stamped. You can drag the lower right corner of the **End User License Agreement** text box to resize it.

- **After-Sales Support**

Add the time zone to the end of the service time, for example, **(GMT+08:00)**.

Ensure that your hotline and email address are reachable and you can provide after-sales services as required. If customers purchasing this product cannot contact your company or they do not receive any reply from you after sending emails for multiple times, the Marketplace will remove the product from the catalog.

Ensure that you can provide after-sales hotline and email services in English.

- **Software Copyright Certificate**

Upload a software copyright certificate that matches your product. The uploaded certificate will be reviewed by HUAWEI CLOUD Marketplace to confirm whether your product meets the release requirements. The certificate is only for review and will not be displayed on the product details page.

Step 9 Click **Next**.

The **Service Information** page is displayed.

Step 10 Set **Product Attributes**, **Product Specifications**, and **SEO Information** as instructed.

1 Enter Basic Information — 2 Enter Product Details — 3 Enter Qualification Information — 4 Enter Service Information

Product Attributes

* Public Product Yes No
Select Yes to allow users to purchase the product on the frontend page of the Marketplace. Select No to hide the product from the frontend page of the Marketplace and to allow users to purchase the product using the product URL you provide. You can click Details on the My Products page to view the URL of a product.
 Select No when releasing a SaaS product. After the product is released, the Marketplace will test the subscription process and use of the product. After the test is complete, the product will be sold publicly.

* Category

* Applicable OS

Product Specifications

⊕ Add ⊗ Manage Product Attribute

▼ Specification 1

SEO Information strictly follow the instructions for filling the SEO information. [ⓘ Instruction](#)

* Title -HUAWEI CLOUD Marketplace
Enter the product name and keywords (advantages or type). Max. 55 characters. The title will be automatically suffixed with -HUAWEI CLOUD Marketplace.

* Keywords
Enter at least 3 keywords that make your product more visible in search results. (Max. 45 characters)

* Description
Describe the product functions, application scenarios, and highlights that address user needs. (Max. 300 characters)

Enter the SEO information to increase the exposure chance for your product.

Your data will be automatically saved in 14 seconds.

Figure 2-5 Product specifications

⊕ Add ⊗ Manage Product Attribute

^ Specification 1

Specification Number
The specification number determines the order in which this specification will be displayed on the product details page. Enter 1 to display this specification as the first one.

* Specification Name
Enter a maximum of 50 characters. Specification names are visible to users on the product details and expenditure details pages.

* Pricing Template ⓘ

* Billing Mode Monthly USD/month
 Yearly USD/year
 One-time USD/one-time

NOTE

- If you set **Public Product** to **No**, the product will be hidden from the Marketplace frontend page and search results. Users can access and purchase the product only by using the product URL you provide. To obtain the URL of such a product, choose **Product Management > My Products**. In the same row of the product, click **Details** in the **Operation** column. The URL is displayed in the **Service Information** area on the product details page.
- You can select either yearly/monthly billing mode or one-time billing mode for each specification of a license product.
- If you want to set a fixed price for product specifications in yearly/monthly or one-time payment billing mode, select a simple pricing template.
- If you want to set a separate price in each SKU for product specifications in yearly/monthly or one-time payment billing mode, select a custom pricing template. If an SKU contains attributes of the quantity type, you can also use linear or tiered pricing for the attributes. For details about how to release a product specification that contains multiple SKU attributes, see [2.7 Releasing Multi-SKU Product Specifications](#).
- Fill in the SEO information by referring to the [instructions](#) to facilitate entry addition of third-party search engines such as Google.

Step 11 Click Preview.

The product details page is displayed.

Step 12 Confirm the configuration and click **Submit**.

The message "Are you sure you want to submit the product information?" is displayed.

Step 13 Click **Yes**.

The message "Product release information submitted successfully." is displayed.

 **NOTE**

- You can upload a maximum of 100 documents or software of 10 GB in total to the Seller Console in a single day.
- When releasing a product, you can click **Save Draft** to save the product information before submission. You can choose **Product Management > My Applications** or **Product Release > Drafts** to view the draft information.
- HUAWEI CLOUD Marketplace will review the product information you submitted within three business days. The review result will be sent to the email address bound to your HUAWEI CLOUD account. The product will be available on the Marketplace upon approval from the Marketplace.

----End

3 Product Management

- [3.1 Releasing Products](#)
- [3.2 Modifying Products](#)
- [3.3 Upgrading Products](#)
- [3.4 Hiding Products](#)
- [3.5 Removing Products](#)
- [3.6 Viewing Product Applications](#)
- [3.7 Managing Product Attributes](#)

3.1 Releasing Products

After the information of a product to be released is submitted, the operations manager will review the information. The product will be available on the Marketplace after the information is approved.

NOTE

- To view the review result, you can choose [Product Management > My Applications](#) on the Seller Console.
- After the product information is approved, you can view the released product on the [Product Management > My Products](#) page on the Seller Console.

3.2 Modifying Products

You can modify details of products that fail the review on the [My Applications](#) page or update details of released products on the [My Products](#) page. The modification takes effect after being approved.

 **NOTE**

- You can try again if products failed to be submitted for release or have been modified after release.
- Specifications of released products cannot be deleted. You can remove them from the catalog on the **My Products** page. For details, see [3.5 Removing Products](#).
- If you want to add and remove specifications for a product, add specifications first, and then remove specifications that are not required.
- You can modify products to be released each time they fail the review.
- You cannot add or modify specifications for products of which all specifications have been removed from the catalog.

Procedure

Step 1 Go to the [Seller Console](#).

Step 2 In the navigation pane, choose [Product Management > My Products](#).

The **My Products** page is displayed.

 **NOTE**

To modify the information of products that fail the review or are in the **Draft** state, choose [Product Management > My Applications](#) in the navigation pane.

Step 3 Set search criteria to search for the product to be modified. Locate the target product in the list, and click **Modify** in the **Operation** column.

Product Name	Delivery Method	Product Type	Released	Status	Operation
▼ [blurred]	License	Common product	Sep 16, 2020 09:35:48 GMT+08:00	Listed	Details Modify Remove
▼ [blurred]	Image	Common product	Mar 13, 2020 19:54:34 GMT+08:00	Listed	Details Modify Remove
▼ [blurred]	Image	Common product	Mar 13, 2020 19:53:17 GMT+08:00	Listed	Details Modify Remove

Step 4 Modify the product information.

- You can modify the delivery method, basic information, search engine optimization (SEO) information, and non-price service information as required.
- You can modify the price of released specifications and add specifications to released products on the **Service Information** module.

 **NOTE**

If you set **Public Product** to **No**, the product will be hidden from the Marketplace frontend page and search results. Users can access and purchase the product only by using the product URL you provide. To obtain the URL of such a product, choose **Product Management > My Products**. In the same row of the product, click **Details** in the **Operation** column. The URL is displayed in the **Service Information** area on the product details page.

Step 5 Modify the product information and click **Submit**.

 NOTE

- When a SaaS product is released to the Marketplace, the Marketplace calls service interfaces of the product using the cases saved after successful interface debugging to verify the API address of the production system. If any service interface fails the verification, a message will be displayed in the upper right corner of the page. Ensure that all service interfaces of the product have been debugged successfully before submitting the product information.
- When modifying the information of a product, you can click **Save Draft** to save the product information before submission. You can choose **Product Management > My Applications** or **Product Release > Drafts** to view the draft information.
- The modification takes effect after being approved. To view the information of products under review, choose **Product Management > My Applications** in the navigation pane.

----End

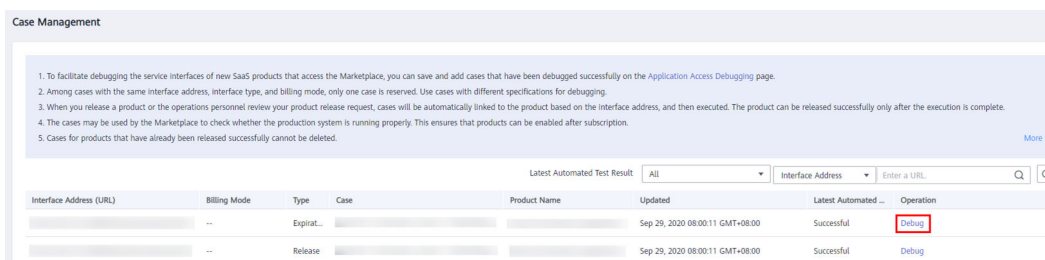
3.3 Upgrading Products

You can set rules for upgrading released SaaS products on the **Product Management > My Products** page. Before upgrading products, set parameters on the **Application Access Debugging** page, generate a link address, and invoke and debug the interface. Ensure that the debugging is successful and save the case.

Debugging Upgrade Interface

Procedure

- Step 1** Go to the **Seller Console**.
- Step 2** In the navigation pane, choose **Application Tools > Case Management**. Locate the interface address of the product to be upgraded, and click **Debug** in the **Operation** column.



Interface Address (URL)	Billing Mode	Type	Case	Product Name	Updated	Latest Automated Test Result	Operation
--	--	Expiat...			Sep 29, 2020 08:00:11 GMT+08:00	Successful	Debug
--	--	Release			Sep 29, 2020 08:00:11 GMT+08:00	Successful	Debug

- Step 3** On the **Application Access Debugging** page, click the **Upgrade** tab, set the parameters, click **Generate Link Address**, and click **Debug and Save Case**.

1. Develop interfaces according to the [Product Access Guide](#), and then debug the interfaces on this page.
 2. Select the message production type and enter all required parameters. The preset parameter values are for reference only. Change them as required.
 3. Click Generate Link Address after entering all required parameters.
 4. After you click Debug and Save Case, the system invokes the production system link to debug the interface. If the debugging is successful, the case is saved. If the debugging fails, the error information is displayed in the lower part of the page as a reference for debugging.
 5. Cases can be saved and updated only after being debugged successfully. You can manage cases on the [Case Management](#) page. [More](#)

Subscription Renewal Expiration Release **Upgrade**

Parameter Description	Parameter Name	Parameter Value
* Interface address	URL	<input type="text"/>
* Instance ID	instanceId	<input type="text"/>
* Order ID after upgrade	orderId	<input type="text"/>
Specification ID after upgrade	skuCode	<input type="text"/>
* Product ID after upgrade	productId	<input type="text"/>
Product Attributes	amount	<input type="text" value="1TB"/> ⓘ

NOTE

Ensure that the upgrade interface is debugged successfully and save the case. Otherwise, the product upgrade cannot be performed.

----End

Setting Upgrade Rules

After the upgrade interface is debugged successfully, you can set upgrade rules for products.

Procedure

- Step 1** Go to the [Seller Console](#).
- Step 2** In the navigation pane, choose **Product Management > My Products**. On the displayed page, locate the target product and choose **More > Set Upgrade Rule** in the **Operation** column.

Product Name	Delivery Method	Product Type	Released	Status	Operation
▼ [Product Name]	SaaS	Common product	Dec 17, 2019 20:20:49 GMT+08:00	Discontinued	Details
▼ [Product Name]	SaaS	Common product	Dec 17, 2019 16:20:01 GMT+08:00	Listed	Details Modify More
▼ [Product Name]	SaaS	Common product	Nov 20, 2019 15:24:00 GMT+08:00	Listed	Details Set Upgrade Rule Remove
▼ [Product Name]	SaaS	Common product	Nov 19, 2019 23:30:00 GMT+08:00	Discontinued	Details

- Step 3** Click **Create Upgrade Rule** and select the source and target specifications in the displayed dialog box.

Figure 3-1 Setting upgrade rules

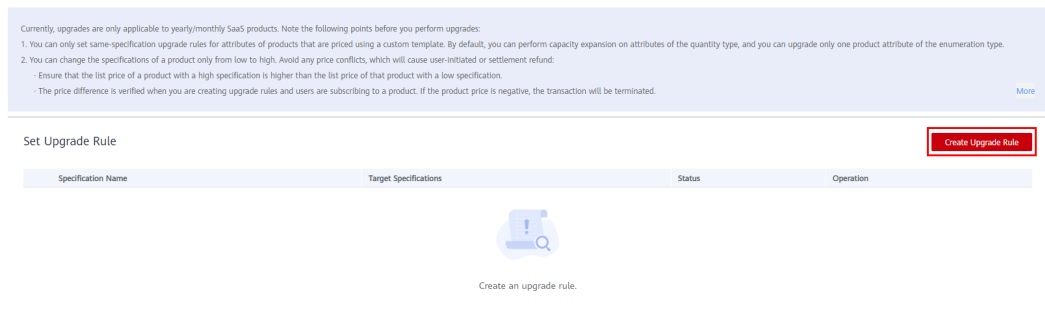


Figure 3-2 Creating a rule

Create Upgrade Rule

Source Specification:

Target Specifications: xianxingdingjia
 Specifications that are priced using a custom template support only same-specification upgrades and capacity expansion.

Capacity Expansion Step: Original step (2) x
 The capacity expansion step must be a multiple of the original step.

NOTE

- No upgrade rules are configured by default. You can add upgrade rules as required.
- When creating a rule, the available target specifications are displayed only after you select the source specification.
- When upgrading a specification that is priced using a custom template, the specification is selected as the target specification by default.
- If the selected specification that is priced using a custom template contains quantity attributes, the **Capacity Expansion Step** parameter is displayed. The capacity expansion step must be a multiple of the original step. A maximum of five times of the original step can be set.
- Only one upgrade rule can be created for a source specification. You can modify the upgrade rule, or delete it and create a new one.
- An upgrade rule takes effect only when the price of the target specification is higher than that of the source specification.

Step 4 Click **OK**.

Step 5 For a specification that is priced using a custom template, you need to set attribute upgrade rules under the specification. Otherwise, the specification

supports only quantity increases and does not support the upgrade between enumeration attributes.

Locate the target upgrade rule and choose **More > Set Attribute Upgrade Rule** in the **Operation** column. In the displayed dialog box, select the source attribute name and value, and the target attribute values.

Figure 3-3 Setting an upgrade rule

Specification Name	Target Specifications	Status	Operation
∨ jietidingjia	jietidingjia	Ineffective	Modify Delete More ▾ Set Attribute Upgrade Rule
∨ xianxingdingjia	xianxingdingjia	Ineffective	

Figure 3-4 Creating an attribute upgrade rule

Create Attribute Upgrade Rule ✕

Source Attribute Name:

Source Attribute Value:

Target Attribute Values:

- jichu
- zhongji
- gaoji

NOTE

Select the source attribute name, then select the source attribute value, and then select the target attribute values.

Step 6 For a specification that is priced using a custom template, you can locate a specification upgrade rule and click the arrow on the left to view all attribute upgrade rules of the specification. You can set, modify, and delete attribute upgrade rules.

Specification Name	Target Specifications	Status	Operation															
∧ jietidingjia	jietidingjia	Ineffective	Modify Delete More ▾															
<table border="1"> <thead> <tr> <th>Attribute Name</th> <th>Attribute Value</th> <th>Target Values</th> <th>Status</th> <th>Operation</th> </tr> </thead> <tbody> <tr> <td>meiju2</td> <td>gaoji</td> <td>jichu</td> <td>Ineffective</td> <td>Modify Delete</td> </tr> <tr> <td>meiju2</td> <td>jichu</td> <td>gaoji</td> <td>Ineffective</td> <td>Modify Delete</td> </tr> </tbody> </table>				Attribute Name	Attribute Value	Target Values	Status	Operation	meiju2	gaoji	jichu	Ineffective	Modify Delete	meiju2	jichu	gaoji	Ineffective	Modify Delete
Attribute Name	Attribute Value	Target Values	Status	Operation														
meiju2	gaoji	jichu	Ineffective	Modify Delete														
meiju2	jichu	gaoji	Ineffective	Modify Delete														
∨ xianxingdingjia	xianxingdingjia	Ineffective	Modify Delete More ▾															

 **NOTE**

- No attribute upgrade rules are configured by default. You can add attribute upgrade rules as required.
- Upgrade rules of only one source attribute can be created for a specification that is priced using a custom template. If upgrade rules of an attribute have been created but you want to create upgrade rules for another attribute of the same specification, you need to delete all existing attribute upgrade rules and create upgrade rules for the desired attribute.
- Only one attribute upgrade rule can be created for a source attribute value. You can modify the existing upgrade rule or delete it and create a new one.
- An attribute upgrade rule takes effect only when the price of the specification with the target attribute value is higher than that of the specification with the source attribute value.

----End

Verifying New Product Prices

If the prices of the source and target specifications are not properly set during product modification, the price of the target specifications may be lower than that of the source specifications. After modifying the price of a product, you can verify whether the upgrade rules still take effect. Click **Verify Upgrade Rule** or **Submit** to verify the upgrade rules.

Product Specifications
Verify Upgrade Rule

⊕ Add

▼ jiangangmoban

▼ xianxingdingjia

▼ jietidingjia

SEO Information

* Title

Enter the product name and type. (Max. 50 characters)

* Keywords

Keywords that increase the chances of your product appearing in search results. (Max. 30 characters)

* Description

Product highlights, functions, and application scenarios that address user needs. (Max. 240 characters)

Enter the SEO information to increase the exposure chance for your product.


Preview
Submit

Your data will be automatically saved in 6 seconds.
 Save Draft

If the verification fails, delete the upgrade rules or change the price.

×

Information

 **The following upgrade rules will no longer be effective:**
Are you sure you want to delete the following upgrade rules? Or you can change the product price to meet the upgrade requirements. View [upgrade requirements](#).


Specification Name	Target Specifications	Operation
^		Delete

Attribute Name	Attribute Value	Target Values	Operation
			Delete

OK

If the verification is successful, click **OK** to submit the modification application.

×

 **Information**

All upgrade rules have taken effect.

OK

3.4 Hiding Products

When releasing a new product or modifying a released product, you can specify whether to hide the product.

Precautions

- Hidden products will not be displayed on the Marketplace frontend page or in the search results after being released to the Marketplace. They can be accessed or purchased only through the product URL.
- To obtain the URL of such a product, locate the product on the [Product Management > My Products](#) page, and click **Details** in the **Operation** column. The URL is displayed in the **Service Information** area on the product details page.

Procedure

The process of hiding a released product is used as an example.

Step 1 Go to the [Seller Console](#).

Step 2 In the navigation pane, choose **Product Management > My Products**.

The **My Products** page is displayed.

Step 3 Locate the product to be hidden, and click **Modify** in the **Operation** column.

Product Name	Delivery Method	Product Type	Released	Status	Operation
▼ [Redacted]	License	Common product	Sep 16, 2020 09:35:48 GMT+08:00	Listed	Details Modify Remove
▼ [Redacted]	Image	Common product	Mar 13, 2020 18:54:34 GMT+08:00	Listed	Details Modify Remove
▼ [Redacted]	Image	Common product	Mar 13, 2020 19:53:17 GMT+08:00	Listed	Details Modify Remove

Step 4 In the **Service Information** area, set the value of **Public Product** to **No**.

Service Information

* Public Product Yes No

Select Yes to allow users to purchase the product on the front page of the Marketplace. Select No to hide the product from the front page of the Marketplace and to allow users to purchase the product using the product URL you provide. You can click Details on the My Products page to view the URL of a product.

Select No when releasing a SaaS product. After the product is released, the Marketplace will test the subscription process and use of the product. After the test is complete, the product will be sold publicly.

* Category

NOTE

To change a product from hidden to public state, set the value of **Public Product** to **Yes**.

Step 5 Click **Submit**.

NOTE

The product hiding takes effect after being approved. To view the review status, choose **Product Management > My Applications** in the navigation pane.

----End

3.5 Removing Products

You can remove a specification of a released product (see **Step 3**), or remove the entire product (see **Step 4**). After being removed, a specification enters the discontinued state. Other specifications can be subscribed to normally. After being removed, a product and all its specifications enter the discontinued state. No operations can be performed on the product.

Removed products cannot be restored. To sell the removed products on the Marketplace again, you need to release them as new products. Therefore, exercise caution when removing products.

Procedure

Step 1 Go to the **Seller Console**.

Step 2 In the navigation pane, choose **Product Management > My Products**.

The **My Products** page is displayed.

Step 3 **Remove a product specification.**

1. Click in a row containing the product of which a specification is to be removed.

The product specification list is displayed.

- In the product specification list, click **Remove** in the **Operation** column of the row containing the specification to remove.

Product Name	Delivery Method	Product Type	Released	Status	Operation
[Redacted]	License	Common product	Sep 16, 2020 09:35:48 GMT+08:00	Listed	Details Modify Remove
Specification Name	Billing Mode and Price			Status	Operation
[Redacted]	Monthly : Linear pricing ; Yearly : Linear pricing			Listed	Remove
[Redacted]	Monthly : Linear pricing ; Yearly : Linear pricing			Listed	Remove

- Click **Yes** in the warning dialog box.

Step 4 Remove an entire product. (If you want to remove only a product specification, go to [Step 3.](#))

- Click **Remove** in the **Operation** column of the row containing the product to remove.

Product Name	Delivery Method	Product Type	Released	Status	Operation
[Redacted]	License	Common product	Sep 16, 2020 09:35:48 GMT+08:00	Listed	Details Modify Remove
[Redacted]	Image	Common product	Mar 13, 2020 19:54:34 GMT+08:00	Listed	Details Modify Remove
[Redacted]	Image	Common product	Mar 13, 2020 19:53:17 GMT+08:00	Listed	Details Modify Remove

- Click **Yes** in the warning dialog box.

NOTE

To view products that have been removed from the catalog, choose **Product Management > My Products** in the navigation pane.

----End

3.6 Viewing Product Applications

You can view the information about product release applications, modification applications, and review statuses, modify the information of the last application that has failed the review and submit the application again, or withdraw applications pending approval.

NOTE

- Currently, only applications for licenses and consulting services can be withdrawn.
- You can use either of the following methods to withdraw a product application on the [My Applications](#) page:
 - Locate a product pending approval and click **Withdraw** in the **Operation** column.
 - Locate a product pending approval and click **Details** in the **Operation** column to access the product details page. In the **Applications** area at the bottom of the page, locate the application to withdraw, and click **Withdraw** in the **Operation** column.

Procedure

Step 1 Go to the [Seller Console](#).

Step 2 In the navigation pane, choose [Product Management > My Applications](#).

The **My Applications** page is displayed.

Step 3 Set search criteria to filter products, and then view the application records of the products.

Product Name	Delivery Method	Product Type	Application Type	Applied	Status	Operation
	License	Common product	Release	Oct 09, 2019 10:11:30 GMT+08:00	Pending approval	Details Withdraw
	Consulting service	Common product	Release	Oct 08, 2019 10:18:34 GMT+08:00	Draft	Modify Delete
	SaaS	Common product	Release	Sep 30, 2019 18:16:50 GMT+08:00	Approved	Details
	SaaS	Common product	Release	Sep 20, 2019 11:06:31 GMT+08:00	Rejected	Details Modify Delete

According to the product status, you can perform the following operations:

- **Draft:** modifying and deleting applications

NOTE

When releasing a new product or updating the information about a released product, you can save the entered information as a draft, and modify the draft or submit a product release application later.

- **Rejected:** viewing product information and review details, and modifying and deleting applications
- **Approved:** viewing product information and review details
- **Pending approval:** viewing product information and withdrawing applications

----End

3.7 Managing Product Attributes

When releasing products, you can use product attributes to generate SKUs for product specifications. Attribute names are visible to users on the product details and in the bills.

There are two types of product attributes: preset and custom.

- Preset attributes are used by the Marketplace and cannot be modified or used by sellers. Custom attributes are defined based on product specifications before product release and can be modified by sellers.
- Names of custom attributes must be different from those of preset attributes, including **appName**, **version**, **os**, and **mode**.

Querying Product Attributes

You can query product attributes by type (quantity or enumeration) or by name (fuzzy match).

Adding Product Attributes

Step 1 Go to the [Seller Console](#).

Step 2 In the navigation pane, choose [Product Management > Product Attributes](#).

Step 3 Click **Add**.

Step 4 In the displayed **Add Product Attribute** dialog box, enter the attribute type, attribute code, attribute name, and attribute description. Then, click **OK**.

Add Product Attribute ×

* Type

* Attribute Code

* Attribute Name

Unit

* Description

0/100

----End

Editing Product Attributes

Custom attributes can be modified, but preset attributes cannot. To modify a custom attribute, locate the attribute on the product attribute list and click **Edit** in the **Operation** column. If products that have been released are priced using a custom template, their product attributes are included in the product information. If you modify the product attributes, the products will not be affected.

Deleting Product Attributes

Custom attributes can be deleted, but preset attributes cannot. To delete a custom attribute, locate the attribute on the product attribute list and click **Delete** in the **Operation** column. If products that have been released are priced using a custom template, their product attributes are included in the product information. If you delete the product attributes, the products will not be affected.

4 Service Supervision

4.1 Supervising Services of License Products

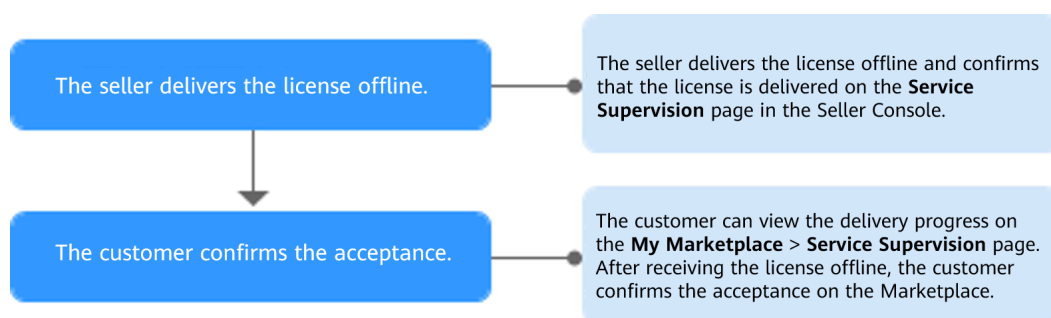
4.1 Supervising Services of License Products

After a license product is successfully sold, you can view the order details on the **Transaction Management > Service Supervision** page in the Seller Console, deliver the license offline, and confirm that the service flow of the transaction is complete in the Seller Console.

Precautions

The bill for a license transaction is generated based on the service flow status. If the service flow of the transaction is completed, the bill for the transaction will be automatically generated in the next billing cycle.

Overall Process



Procedure

- Step 1** Go to the [Seller Console](#).
- Step 2** In the navigation pane, choose **Transaction Management > Service Supervision**.
- Step 3** Set search criteria, and click **License delivered offline** in the **Operation** column of the row containing the target transaction record.

Order No.	Username	Product Name	Specification Name	Delivery Met...	Service Status	Created	Completed	Operation
				License	Seller delivers license ...	2020-12-26 16:06:31	--	License delivered offline Contact User
				License	Seller delivers license ...	2020-12-26 10:11:20	--	License delivered offline Contact User

Step 4 After the service is delivered, update the service flow status.

1. On the page displayed, specify **Service Result Description**, upload the deliverables, and click **Deliver service**.

1 Seller Delivers License Offline — 2 Customer Accepts License

Service Information

Product Name: [Redacted]

Specification Name: [Redacted]

Order No.: [Redacted] [Click this number to view the order details.](#)

Service Status: Seller delivers license offline

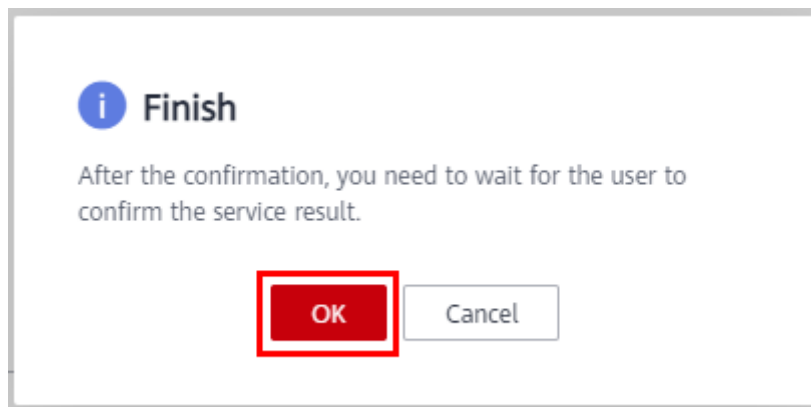
* Service Result Description: Enter a service result description with a maximum of 1,000 characters. 0/1,000

* Deliverable:
Supported formats: BMP, JPG, JPEG, PNG, GIF, DOC, DOCX, XLS, XLSX, PPT, PPTX, RAR, ZIP and PDF. Max. file size: 50.0 MB.
Please upload the delivery note or user acceptance documents, including but not limited to the service delivery list, user acceptance files, etc.
Reminder: 1. Inappropriate acceptance may cause unnecessary after-sales disputes and legal risks!
2. For information security, do not include sensitive information such as personal details, accounts, and passwords in the description and attachment.

History

Time	Operation	Operator Role	Operator	Message	Attachment
No data available.					

2. In the displayed dialog box, click **OK**.



NOTE

- After the customer accepts the service, the transaction is completed.
- If the customer renews an order that involves service supervision, no new service flow will be generated.

----End

5 Transaction Management

5.1 Querying Orders

5.1 Querying Orders

You can view transaction details of your products in yearly/monthly and one-time billing modes.

Procedure

- Step 1** Go to the [Seller Console](#).
- Step 2** In the navigation pane, choose [Transaction Management > Orders](#).
- Step 3** Set search criteria, and click **Search**.

You can search the transaction records to be viewed.

The screenshot shows the 'Orders' management interface. At the top, there is a search bar with the following fields: 'Order Status' (dropdown menu set to 'All'), 'Order Type' (dropdown menu set to 'All'), 'Created' (date range from 'Aug 29, 2020' to 'Sep 29, 2020'), and 'Order No.' (input field with placeholder 'Enter an order No.'). Below the search bar is a table with the following columns: 'Order No.', 'Product Type', 'Product Name', 'Specification Name', 'Created', 'Status', 'Order Type', 'Paid Amount (USD)', and 'Operation'. The table contains four rows of data, each with a 'Details' link in the 'Operation' column.

Order No.	Product Type	Product Name	Specification Name	Created	Status	Order Type	Paid Amount (USD)	Operation
	Common product			Sep 28, 2020 13:38:27...	Pending payment	Renewal		Details
	Common product			Sep 28, 2020 03:03:12...	Completed	Renewal		Details
	Common product			Sep 24, 2020 16:38:37...	Canceled	Renewal		Details
	Common product			Sep 24, 2020 02:24:26...	Canceled	Renewal		Details

- Step 4** Locate a transaction record, and click **Details** in the **Operation** column to view details about a single transaction, including product, order, and customer details.

Product Information

Product Type	Common product	Specification	
Name		Version	V1.0
Delivery Method	Image	Product Subcategory	Running Environment
Product Category	Infrastructure Software	Released	Apr 08, 2020 14:32:06 GMT+08:00
Published	Apr 08, 2020 14:29:07 GMT+08:00	Product Status	Listed

Order Information

Order No.		Status	Completed
Created	Sep 18, 2020 16:01:46 GMT+08:00	Paid	Sep 18, 2020 16:03:44 GMT+08:00
Order Type	Subscription	Billing Mode	Monthly
Validity Duration	4 months	Paid Amount (USD)	

Customer Information

Username		Full Name	
Mobile Number		Email Address	
Distributor ID		Distributor Name	

----End

6 Settlement Rules

[6.1 Purpose](#)

[6.2 Description](#)

[6.3 Settlement Procedure](#)

[6.4 Settlement Rules](#)

[6.5 Order and Transaction Settlement Mechanism](#)

6.1 Purpose

This document is formulated to further standardize the settlement procedure involved with HUAWEI CLOUD Marketplace and its sellers to avoid settlement risks and improve customer experience and operations efficiency. This chapter applies to sellers who sign contracts with Huawei Services (Hong Kong) Co., Ltd.

6.2 Description

This chapter describes the settlement procedure involved with HUAWEI CLOUD Marketplace and its sellers and the restrictions in each phase of the operation procedure. HUAWEI CLOUD Marketplace provides a platform and related services for sellers and charges platform fees for their use. HUAWEI CLOUD users can purchase products released by sellers and make payments to HUAWEI CLOUD. HUAWEI CLOUD deducts the platform fees from the payments and settles with the sellers.

6.3 Settlement Procedure

No.	Phase	Perfor med By	Duration	Description
1	Generating historical transaction bills	HUAW EI CLOUD	1 business day	On the eighth day of each month (If there is a holiday, the bill will be postponed to the next business day following the holiday.)
2	Reviewing and sending bills to the sellers	HUAW EI CLOUD	5 business days	The notification for bill review is sent to the email address bound to the HUAWEI CLOUD account of the sellers.
3	Confirming bills	Sellers	/	The sellers confirm bills in the Seller Console of HUAWEI CLOUD Marketplace. Settlement for bills confirmed after the twentieth calendar day of a given month will be postponed to the next month.
4	Initiating payment	HUAW EI CLOUD	6 business days	/
5	Requesting invoice issuance	HUAW EI CLOUD	1 business day	The system sends an email notification to the sellers.
6	Issuing invoices and mailing them to HUAWEI CLOUD	Sellers	/	The sellers issue the invoices with the corresponding tax rate according to the local tax law and send the invoices to the specified address.
7	Making payment	HUAW EI CLOUD	22 business days	HUAWEI CLOUD receives and verifies the invoices and settles with the sellers after the verification is successful.

 NOTE

On the eighth day of each month, bills of the previous calendar month are generated. If a transaction involves service supervision and the service flow of the transaction is completed, the bill for the transaction will be automatically generated in the next billing cycle.

6.4 Settlement Rules

Prerequisites

You need to provide your tax and bank details for settlement, including the bank account and tax code. Transactions on the Marketplace will be settled to the provided bank account. If the information is missing or inaccurate, HUAWEI CLOUD cannot generate bills for settlement.

Settlement Cycle

- Frequency: Once a month. The system generates bills for the most recent calendar month for settlement.
- Settlement scope: Orders or transactions that are generated and effective within the most recent calendar month, and orders that have been settled partially or have never been settled in the previous months. The billing cycle of a renewal order is determined by the effective time of the order.
- Example: On February 8, 2019, bills for January 2019 were generated, including orders and transactions from January 1, 2019 to January 31, 2019. The billing cycle ID is 201901. The settlement amount is subject to the actual order and transaction data.

 NOTE

The bill for a license transaction is generated based on the service flow status. If the service flow of the transaction is completed, the bill for the transaction will be automatically generated in the next billing cycle. Example: For an order that is successfully paid on February 3, 2020, if the service flow of the transaction is completed on March 15, 2020, the transaction is settled in the bill whose ID is 202003.

Settlement Method

One-time, pay-per-use, and yearly/monthly orders are settled at a time.

 NOTE

- Pay-per-usage packages are settled at a time and refund demands are not allowed.
- The transaction amount and amount to be settled must be provided in the bill details for orders billed on a yearly/monthly basis.

Settlement Amount

A product released by a seller in the Marketplace must be priced in USD dollars, with taxes not included. When a HUAWEI CLOUD user purchases a product released by a seller, Huawei issues an invoice containing a value-added tax (VAT) and other similar taxes based on local tax requirements. Huawei calculates the settlement amount for the seller based on the selling price of the product (excluding the VAT). Currently, 15% of the selling price of the product is charged

as platform fees (except in special circumstances). HUAWEI CLOUD reserves the right to adjust this proportion based on service development requirements. The current formula for calculating the settlement amount is as follows:

Settlement amount =

$$\sum_{i=1}^n \text{Selling price of product } n \text{ (excluding taxes)} \times (1 - \text{Proportion of platform fees})$$

Example:

Selling price of a product (excluding taxes) = \$1,000 USD

Settlement amount = \$1,000 USD × (1 - 15%) = \$850 USD

Payment

If a product contains services delivered offline or other services that need to be confirmed by a user, HUAWEI CLOUD settles with the seller according to the following rules:

- If the services are delivered multiple times, the seller can set a proportion of the services in every delivery and acceptance.
- HUAWEI CLOUD calculates the settlement amount based on the acceptance details of the user, using the previously provided settlement formula, and settles with the seller in the following calendar month.

Invoice Issuance Regulations

A seller shall issue VAT invoices to HUAWEI CLOUD based on the monthly settlement amount and send them to the specified address within a month of receiving the invoice request. The invoiced tax items and tax rate are subject to the local tax laws of the seller. If an invoice is incorrect, the seller shall reissue it.

6.5 Order and Transaction Settlement Mechanism

Settlement Bill Cycle

- For a purchase order of a yearly or monthly product, the settlement bill cycle starts when the instance or the service in the order is enabled.
- For a renewal order of a yearly or monthly product, the settlement bill cycle starts when the product or the service in the order is enabled.
- For the transactions of a pay-per-use product, the settlement bill cycle is determined by the actual consumption time of the product.

Settlement Rule for Unsubscriptions

When a HUAWEI CLOUD user applies for a refund after unsubscription and HUAWEI CLOUD confirms that the refund application meets required standards, HUAWEI CLOUD will send a refund notification to the seller and user. If the product payment has been settled with the seller, HUAWEI CLOUD will deduct the refund amount from the seller's settlement amount in the current month or the following month after refunding the user's money. If the settlement amount is insufficient for the refund, HUAWEI CLOUD will deduct the refund amount from

the deposit of the seller (if any). If the amount is still insufficient, the seller shall pay the amount to HUAWEI CLOUD in other ways.

7 Bill Management

- [7.1 Bill Description](#)
- [7.2 Reconciliation Process](#)
- [7.3 Confirming Bills](#)
- [7.4 Exporting Bills](#)
- [7.5 Exporting Bill Details](#)

7.1 Bill Description

Table 7-1 describes the bills of common products on HUAWEI CLOUD Marketplace.

Table 7-1 Description of a common product bill

Billing Item	Description
Sales amount	Amount of money from sales (excluding taxes)
Settlement amount	Settlement amount: $\sum_{i=1}^n \text{Sales amount of product } n \times (1 - \text{Proportion of platform fees})$

7.2 Reconciliation Process

HUAWEI CLOUD Marketplace generates a bill of the previous calendar month on **the eighth day of each month**. After you confirm that the bill is correct, HUAWEI CLOUD sends you a notification email to request you to issue an invoice and deliver the invoice to the specified address. After receiving and verifying the invoice you send, HUAWEI CLOUD initiates the payment process to pay you based on the invoice amount. For details, see [6.3 Settlement Procedure](#).

 NOTE

The bill for a license transaction is generated based on the service flow status. If the service flow of the transaction is completed, the bill for the transaction will be automatically generated in the next billing cycle.

7.3 Confirming Bills

After you confirm a bill of the previous calendar month, HUAWEI CLOUD Marketplace will send you an invoicing notification email and initiate payment process.

Prerequisites

Your business information has been certified. For details, see [1.2.4 Certifying Business Information](#).

Procedure

Step 1 Go to the [Seller Console](#).

Step 2 In the navigation pane, choose [Transaction Management > Bills](#).

The **Bills** page is displayed.

 NOTE

If the *HUAWEI CLOUD Marketplace Seller Agreement* has been updated, select **I agree with the HUAWEI CLOUD Marketplace Seller Agreement** and click **Submit**. After signing the agreement, you can go to the **Bills** page for bill query.

Step 3 Locate a bill and click **Confirm** in the **Operation** column.

The bill details page is displayed.

Step 4 Confirm that all the bill information is correct and click **Confirm**.

Step 5 In the displayed dialog box, click **Yes**.

----End

7.4 Exporting Bills

You can export bills and download them on the **Export History** page.

Prerequisites

Your business information has been certified. For details, see [1.2.4 Certifying Business Information](#).

Procedure

Step 1 Go to the [Seller Console](#).

Step 2 In the navigation pane, choose [Transaction Management > Bills](#).

 NOTE

If the *HUAWEI CLOUD Marketplace Seller Agreement* has been updated, select **I agree with the HUAWEI CLOUD Marketplace Seller Agreement** and click **Submit**. After signing the agreement, you can go to the **Bills** page for bill query.

Step 3 Click **Export** on the left of the page to access the [Export History](#) page.

Step 4 After the bills are generated, click **Download** in the **Operation** column, select a path to save the bills, and click **Save**.

 NOTE

- It takes some time to generate bills. Wait for a while and refresh the **Export History** page, and then the export record is displayed.
- The exported bills will be saved for three days. Download the bills as soon as possible.

----End

7.5 Exporting Bill Details

You can export bill details and download them on the **Export History** page.

Prerequisites

Your business information has been certified. For details, see [1.2.4 Certifying Business Information](#).

Procedure

Step 1 Go to the [Seller Console](#).

Step 2 In the navigation pane, choose [Transaction Management > Bills](#).

 NOTE

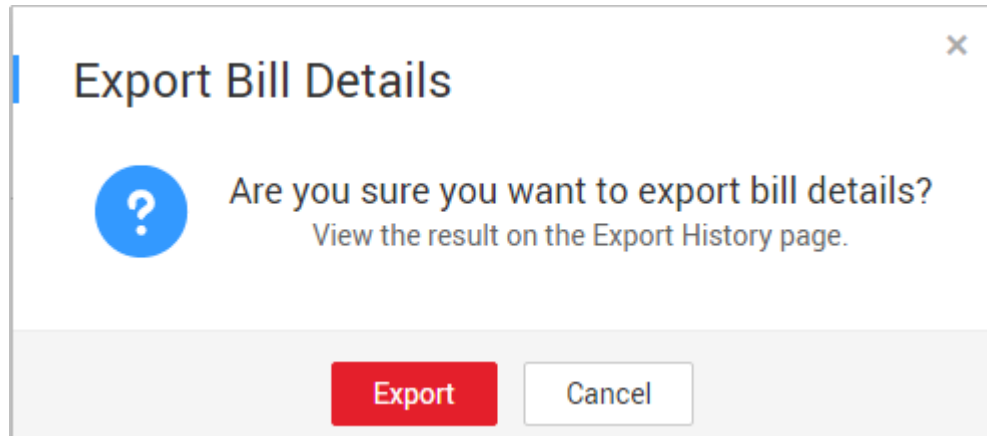
If the *HUAWEI CLOUD Marketplace Seller Agreement* has been updated, select **I agree with the HUAWEI CLOUD Marketplace Seller Agreement** and click **Submit**. After signing the agreement, you can go to the **Bills** page for bill query.

Step 3 Locate a bill to be viewed and click **Details** in the **Operation** column.

Step 4 Click **Export** on the left of the page.

The **Export Bill Details** dialog box is displayed.

Step 5 Click **Export** to access the [Export History](#) page.



Step 6 After the bill details are generated, click **Download** in the **Operation** column, select a path to save the bill details, and click **Save**.

 **NOTE**

- It takes some time to generate bill details. Wait for a while and refresh the **Export History** page, and then the export record is displayed.
- The exported bill details will be saved for three days. Download the bill details as soon as possible.

----End

8 Invoice Management

After confirming the bills and receiving an invoicing notification email, print the invoicing list and issue the invoice on the amount specified in the email, and send the invoice to the address specified in the email.

Background

After a user purchases a product that you release on the HUAWEI CLOUD Marketplace, HUAWEI CLOUD issues an invoice to the user. HUAWEI CLOUD Marketplace offers you a bill containing the product sales amount excluding the platform fee. You need to issue an invoice to HUAWEI CLOUD Marketplace based on the confirmed bill amount.

Precautions

When an invoice is to be issued for a bill, click **Invoicing List** in the **Operation** column on the **Bills** page to go to the **Invoicing List** page. Print the invoice list and issue an invoice.

Procedure

- Step 1** Click the link in the invoicing notification email, or click **Invoicing List** in the **Operation** column on the **Bills** page. The **Invoicing List** page is displayed.
- Step 2** Print the invoicing list and fill in the invoice according to [Table 8-1](#).

NOTE

The invoice must be signed with the official signature or stamped with the official seal of your company.

Table 8-1 Invoice information

Item	Description
Company Name	Enter your company name.
Partner VAT No.	Enter the value-added tax (VAT) number.
Bank Account No.	Enter the bank account number.

Item	Description
Bank Account Beneficiary	Enter the bank account beneficiary.
Bank Name	Enter the bank name.
Bank Address	Enter the bank address.
Swift Code	Enter the Society for Worldwide Interbank Financial Telecommunication (SWIFT) code.
Invoice No.	Enter the invoice number.
Invoice Date	Enter the invoice issuing date.
Invoice Currency	Enter the invoice currency unit.
Bill To	Enter Huawei Services (Hong Kong) Co., Limited .
Huawei VAT No.	Huawei tax ID. For details, see Huawei Tax ID .
Payment Requisition Form No.	Enter the InTouch No. value in the invoicing list.
Service Item	Enter Marketplace Service .
Settlement Period	Enter the settlement period in the invoicing notification email.
INVOICE AMOUNT	Enter the invoicing amount in the invoicing notification email.
Remarks	Optional.

Step 3 Send the printed invoicing list and invoice to the address specified in the email.

----End

Huawei Tax ID

You must specify **Huawei VAT No.** when issuing invoices. Otherwise, leave it blank. If the Huawei contracting party and Huawei tax ID are incorrect, your invoices may be rejected.

Country/ Region	Huawei Contracting Party and Address	Huawei Tax ID
South Korea	Huawei Services (Hong Kong) Co., Limited Address: Room 03, 9/F., Tower 6, The Gateway, No.9 Canton Road, Tsim Sha Tsui, Kowloon	Registration number: 145-80-01643
United Arab Emirates		VAT number: 100584086100003
Bahrain		VAT account number: 220014005100002

Country/ Region	Huawei Contracting Party and Address	Huawei Tax ID
South Africa		VAT registration number: 4570291130
Chile		User number: 592930501
Other		Optional

9 FAQs

9.1 What Are the Conditions for Registering with HUAWEI CLOUD Marketplace?

9.2 What Enterprise Certificates Are Needed for the Registration?

9.3 Can an Individual User Become a Seller on the Marketplace?

9.4 What Benefits Can I Obtain After Registering with the Marketplace?

9.5 Do I Need to Pay Deposit If I Register with the Marketplace?

9.6 How Long Does It Take to Review the Registration Application?

9.7 How Do I Change the Company Name?

9.8 How Do I Release Products on the Marketplace?

9.9 Is the Product Technical Support Provided by Sellers or HUAWEI CLOUD?

9.10 How Long Is the Validity Period of Products on the Marketplace?

9.11 Why Is the Bill for a Transaction Conducted in This Month Not Generated in the Next Month?

9.1 What Are the Conditions for Registering with HUAWEI CLOUD Marketplace?

To become a seller on HUAWEI CLOUD Marketplace, you must meet the following requirements:

1. Your company has been operating for at least 1 year.
2. Your company can provide professional technical services, after-sales support, and at least 5 x 8 hours of online customer service (based on the time zone of the product service area).
3. Your company has at least two salespersons, one for pre-sales and the other after-sales services.
4. The company accepts and signs the [HUAWEI CLOUD Marketplace Seller Agreement](#), and carries out business cooperation according to the terms and conditions specified in the agreement.

5. You must accept other related protocols and management regulations of HUAWEI CLOUD.

9.2 What Enterprise Certificates Are Needed for the Registration?

Enterprise business licenses, valid software copyright certificates, or sales license certificates.

9.3 Can an Individual User Become a Seller on the Marketplace?

No. Only enterprise users can register with the HUAWEI CLOUD Marketplace and sign up as sellers.

9.4 What Benefits Can I Obtain After Registering with the Marketplace?

You and HUAWEI CLOUD jointly build a cloud service ecosystem, enabling consumers to use the required enterprise software more conveniently and cost-effectively. You can sell high-quality products and earn more on one platform and through multiple channels.

9.5 Do I Need to Pay Deposit If I Register with the Marketplace?

No deposit is charged.

9.6 How Long Does It Take to Review the Registration Application?

Three working days. The review results will be sent to the email address and the mobile number (if any) bound to your HUAWEI CLOUD account.

9.7 How Do I Change the Company Name?

You can change the company name in [My Account](#). The company name must be the same as that in the business qualification.

9.8 How Do I Release Products on the Marketplace?

You can release your products in [Seller Console](#) after your registration application is approved by the HUAWEI CLOUD Marketplace and you become a seller.

1. Go to the [Seller Console](#).
2. In the navigation pane, choose **Product Management > My Products**.
3. Click **Release New Product** in the upper right corner of the page.
4. Select the delivery method of the product to be released and enter the product information.

 **NOTE**

For details about the product release, see [2 Delivery Methods](#).

5. Click **Submit**.
The product will be available on the Marketplace after the information is approved. You can view the released products on the [Product Management > My Products](#) page.

9.9 Is the Product Technical Support Provided by Sellers or HUAWEI CLOUD?

The product technical support and after-sales support are provided by sellers.

If you have any questions during the product test, send an email to partner@huaweicloud.com.

9.10 How Long Is the Validity Period of Products on the Marketplace?

Products are valid for a long time by default after being released to the Marketplace.

If a released product violates the Marketplace agreements and related management regulations, the Marketplace staff have the right to remove the product from the catalog.

9.11 Why Is the Bill for a Transaction Conducted in This Month Not Generated in the Next Month?

- The order of the transaction is a renewal order. Bills are generated based on the effective time of the order. For example, if an order takes effect in January 2020, the bill is generated in the next month, that is, February 2020.
- The purchased product is a license, and service supervision is not completed.

 **NOTE**

The delivery process of licenses must be performed under the supervision of HUAWEI CLOUD Marketplace. If the service flow of an order is not completed, HUAWEI CLOUD will not generate a bill for you, and the payment of the order will not be settled to you. For a transaction whose service status is **Completed**, a bill will be generated for the transaction before the eighth day of the next month. If this day falls on a holiday, the bill generation will be postponed to the next business day after the holiday. After you confirm the bill, the Marketplace will remit the payment to you.