## Alibaba Cloud

Bastion Host Pricing

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## **Document conventions**

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

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Bast ion Host Pricing• Billing

## 1.Billing

This topic describes the billing of Bastionhost. Bastionhost supports only the subscription billing method. You can purchase a bastion host of the or edition. The bastion host provides features such O&M, audit, and management.

### Billing cycle

The billing cycle starts from the date that you purchase your bastion host and ends on the date that your bastion host expires.

### Billing method

Bastionhost supports only the subscription billing method.

### **Specifications**

You are charged for your bastion host based on the number of assets that the bastion host can manage. We recommend that you purchase a bastion host based on the number of assets that you want to manage. The following table describes the specifications that you must specify to purchase a bastion host.

Specification	Description
Number of assets	The number of server assets that a bastion host can manage.
Number of concurrent sessions	The number of O&M sessions that O&M personnel can initiate in a bastion host. O&M sessions refer to SSH- and RDP-based remote connections.  For example, 20 O&M personnel are employed, and each personnel initiates an average of five sessions. In this case, a total of 100 concurrent sessions are initiated. The value is calculated by using the following formula: $20 \times 5 = 100$ .
Public bandwidth	After you specify the number of assets, the public bandwidth of the bastion host is automatically configured. For more information, see the Service specification column in the table of the Billing rules section.  If the bandwidth cannot meet your business requirements, you can configure Extra Bandwidth. The following list describes the Extra Bandwidth parameter:  • Value range:10 Mbit/s to 500 Mbit/s  • Increment:10 Mbit/s  • Price: For more information, see Billing rules.

### Billing rules

Pricing Billing Bast ion Host

Note Region 1, Region 2, and Region 3 in the following table refer to the following specific regions:

- Region 1: China (Hong Kong), Singapore (Singapore), Australia (Sydney), Malaysia (Kuala Lumpur), Indonesia (Jakarta), Japan (Tokyo), Germany (Frankfurt), UK (London), US (Virginia), US (Silicon Valley), and India (Mumbai)
- Region 2:China (Shanghai), China (Shenzhen), China (Qingdao), China (Beijing), China (Hohhot), and China (Chengdu)
- Region 3: UAE (Dubai)

Billable item	Specificatio n	Maximum number of concurrent sessions	Service specification	Price in Region 1	Price in Region 2	Price in Region 3
	50 assets	<ul> <li>SSH-based O&amp;M sessions only: 50</li> <li>RDP-based O&amp;M sessions only: 20</li> </ul>		USD 400 per month	USD 250 per month	USD 750 per month
	100  SSH- based O&M sessions only: 100 assets  100  RDP- based O&M sessions only: 30	USD 600 per month	USD 400 per month	USD 1,000 per month		
			<ul><li>Bandwidth: 8 Mbit/s</li><li>Storage: 1 TB</li></ul>			

Bast ion Host Pricing• Billing

Billable item	Specificatio n	Maximum number of concurrent sessions	Service specification	Price in Region 1	Price in Region 2	Price in Region 3
	200 assets	SSH-based O&M sessions only: 100 RDP-based O&M sessions only: 30		USD 700 per month	USD 550 per month	USD 1,300 per month
	500 assets	SSH-based O&M sessions only: 500 RDP-based O&M sessions only: 60	<ul> <li>Bandwidth: 16 Mbit/s</li> <li>Storage: 2 TB</li> </ul>	USD 1,100 per month	USD 800 per month	USD 2,000 per month
	50 assets	<ul> <li>SSH-based O&amp;M sessions only: 50</li> <li>RDP-based O&amp;M sessions only: 50</li> </ul>		USD 700 per month	USD 400 per month	N/A

Pricing• Billing Bastion Host

Billable item Basi	Specificatio n	Maximum number of concurrent sessions	Service SPBGifiGATiOth: 12 Mbit/s	Price in Region 1	Price in Region 2	Price in Region 3
c fee	100 assets	• Storage: 2 TB  • SSH- based O&M sessions only: 100 • RDP- based O&M sessions only: 60	USD 1,000 per month	USD 700 per month	N/A	
	200 assets	SSH-based O&M sessions only: 100 RDP-based O&M sessions only: 60		USD 1,300 per month	USD 950 per month	N/A
	500 assets	SSH-based     O&M     sessions     only:     500      RDP-based     O&M     sessions     only:     120		USD 1,900 per month	USD 1,400 per month	N/A

Bast ion Host Pricing• Billing

Billable item	Specificatio n	Maximum number of concurrent sessions	Service specification • Bandwidth: 24 Mbit/s	Price in Region 1	Price in Region 2	Price in Region 3
	1,000 assets	1,000  SSH-based O&M sessions only: 1000  RDP-based O&M sessions only: 120	• Storage: 3 TB	USD 3,900 per month	USD 2,500 per month	N/A
	2,000 assets	1,000  SSH-based O&M sessions only: 1000  RDP-based O&M sessions only: 120		USD 6,000 per month	USD 4,000 per month	N/A
	5,000 assets	2,000  SSH-based O&M sessions only: 2000  RDP-based O&M sessions only: 240	<ul><li>Bandwidth: 48 Mbit/s</li><li>Storage: 4 TB</li></ul>	USD 8,800 per month	USD 5,800 per month	N/A
Extra bandwidth	Increment: 10 Mbit/s	N/A		N/A	USD 15 per Mbit/s per month	USD 12 per Mbit/s per month

Pricing• Billing

Bast ion Host

### ? Note

• A bastion host can stably run only if the number of concurrent sessions stays below the upper limit. If the number exceeds the upper limit, the bastion host may encounter service interruptions.

- If a session contains multiple TCP connections, each TCP connection consumes a concurrent session quota.
- If you initiate multiple sessions to simultaneously upload or download large files or you initiate multiple sessions to perform complex graphics operations by using a remote desktop, bandwidth usage may spike, and remote sessions may freeze. We recommend that you perform the preceding operations during off-peak hours or purchase extra bandwidth for the bastion host.
- If you initiate multiple sessions to perform complex graphics operations or open browsers to
  watch videos by using a remote desktop, overload protection may be triggered due to
  heavy workloads. After overload protection is triggered, Bastionhost denies new session
  requests or interrupts existing sessions based on the real-time workloads. We recommend
  that you perform the preceding operations during off-peak hours or upgrade the
  specifications of the bastion host.

### **Expiration**

If you do not renew your bastion host after it expires, the bastion host no longer provides services. You cannot log onto the bastion host to perform O&M operations on assets. If you do not renew your bastion host within the grace period of 15 days, the bastion host is released, and the configuration data and audit logs of the bastion host are deleted.

### Refunds

Bastionhost does not provide a money-back guarantee.

### References

Purchase a bastion host

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## 2. Purchase a bastion host

Before you can use Bastionhost, you must purchase a bastion host. This topic describes how to purchase a bastion host.

### **Procedure**

- 1. Log on to your Alibaba Cloud account and visit the buy page of Bastionhost.
- 2. Configure the parameters.

The following table describes the parameters.

Parameter	Description	
	The region where you want to create a bastion host.	
Region and Zone	Note You cannot change the region after the bastion host is created. We recommend that you create the bastion host in the same region as the Elastic Compute Service (ECS) instances that you want to manage.	
	If the bastion host and ECS instances reside in different regions, they cannot communicate with each other over an internal network. You must use Cloud Enterprise Network to allow communication across the regions. For more information, see What is CEN?. You can also use the network domain feature to manage ECS instances. For more information, see Use the network domain feature.	
	You can log on to the ECS console to view the region where your ECS instances reside. For more information about regions, see Regions and zones.	
	The edition of the bastion host. You can select or based on your business requirements. The following list compares the and editions:	
<ul> <li>HA: Bastionhost can run in dual-engine mode. This mode provides enhanced stability and reliability. When Bastionhost runs as normal, the two engines work at the same time. This improves the O&amp;M efficiency single point of failure (SPOF) occurs, Bastionhost automatically switch between the two engines. This ensures business continuity. The HA eduses higher specifications and provides higher performance. This editions are efficient and stable O&amp;M on 1,000 or more assets.</li> </ul>		
	<ul> <li>Basic: Bastionhost Basic can run only in single-engine mode. In this mode, you can perform O&amp;M and audit operations.</li> </ul>	
Plan	The number of assets that you can add to the bastion host.  For more information, see Billing.	

Parameter	Description
Extra Bandwidth	The extra public bandwidth of the bastion host. After you specify the number of assets, the public bandwidth of the bastion host is automatically configured. For more information, see Billing. If the bandwidth cannot meet your business requirements, you can configure Extra Bandwidth. The following list describes the Extra Bandwidth parameter:  o
Resource Group	The resource group to which the bastion host belongs.  Resource groups are designed for enterprise users. Enterprise users can use this feature to organize and manage the resources that are owned by multiple accounts and assigned to multiple projects. For more information about how to create a resource group, see Create a resource group.
Quantity	The number of bastion hosts that you want to create.
Duration	The validity period of the bastion host.  Note You can select Auto-renewal. If auto-renewal is enabled, you will receive a renewal notification before the bastion host expires. In this case, Bastionhost automatically renews your subscription. The subscription period of the automatically renewed bastion host is the same as the value of Duration.

3. Click **Buy Now** and complete the payment.

### **Related information**

• Billing

## 3. Upgrade a bastion host

If the default configurations of a bastion host cannot meet your O&M requirements, you can upgrade the bastion host. This topic describes how to upgrade a bastion host.

### Description

- You can upgrade the specification, bandwidth, and storage of a bastion host that runs the edition. You can also upgrade the bastion host to the edition.
- You can upgrade the specification, bandwidth, and storage of a bastion host that runs the edition.

### Supported items

Item	Scenarios
Edition	If the configurations of a bastion host that runs the edition cannot meet your O&M requirements, you can upgrade the bastion host to the edition. Bastion hosts that run the edition provides the same O&M and audit features as bastion hosts that run the edition. Bastion hosts that run HA Edition also provides higher basic configurations, more abundant O&M capabilities, more bandwidth, and larger storage than Bastion hosts that run Basic Edition. Bastion hosts that run HA Edition offer higher business stability and better O&M services. For more information about the feature differences between bastion hosts that run the and editions, see Functions and features.
Specification	If the number of assets to be managed by a bastion host exceeds the specification that you select when you purchase the bastion host, you can upgrade the specification to increase the number of assets that can be managed.  For more information about specifications, see Billing.
Extra bandwidth	If the default bandwidth of a bastion host cannot meet your requirements, you can upgrade the bandwidth. The following list describes this item:  •  For more information about extra bandwidth, see Billing.
Extended storage plan	If the default storage of a bastion host cannot meet your requirements, you can upgrade the storage. The following list describes this item:  •  For more information about extended storage plans, see Billing.

### ? Note

- You cannot downgrade the edition or specification of a bastion host.
- If you downgrade the bandwidth and storage of a bastion host during a billing cycle, you cannot request a refund for the downgrade. You are charged based on the new bandwidth and storage from the next billing cycle.

### **Procedure**

The following procedure provides an example on how to upgrade a bastion host that runs the edition.

1.

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- 2. On the Instances page, find the bastion host that you want to upgrade and click **Upgrade**.
  - Notice You cannot downgrade the bastion host after it is upgraded. Proceed with caution.



3. On the **Upgrade/Downgrade** page, configure **Version**, **Plan**, **Extra Bandwidth**, and **Extended Storage Plans** based on your business requirements.

Notice You can use a bastion host that runs to maintain a maximum of 500 assets. If you set Plan to a value that is greater than 500, the edition of the bastion host is switched to .

- 4. Click **Bastionhost Terms of Service**. Read and agree to the terms of service, go to the Upgrade/Downgrade page, and then select **Terms of Service**.
- 5. Confirm the configuration and click **Buy Now**. Your bastion host is upgraded as you specified.
  - Note The bastion host after the upgrade is still subject to its original lifecycle.

## 4.Renew an Anti-DDoS instance

### 4.1. Renewal overview

After a subscription bastion host expires, the functionality of the bastion host is affected. If you want to continue using the bastion host, you must renew the bastion host within the specified period of time. Otherwise, the bastion host is automatically released, and the data on the bastion host is permanently lost. This topic describes the methods that are used to renew bastion hosts.

### Overview

You can use one of the following methods to renew a subscription bastion host based on the phase of its lifecycle.



You are notified of expiration and renewal by email or text message seven days before the expiration date. After your bastion host expires, the configurations of the bastion host are retained for another seven days. If you renew the bastion host within seven days, the bastion host continues to protect your assets. If you do not renew your bastion host within seven days after the expiration date, the bastion host is released. As a result, you cannot use the bastion host to perform O&M operations.

If you renew your bastion host before it expires, the bastion host continues to normally work and retains all of its resources. The following table describes the supported renewal methods.

Method	Description	References
Manual renewal	You can manually renew your bastion host in the Bastionhost console at any time before the bastion host is automatically released.	Manually renew bastion hosts

Method	Description	References
Auto-renewal	<ul> <li>After auto-renewal is enabled, your bastion host is automatically renewed before it expires. Auto-renewal prevents your bastion host from being automatically released.</li> </ul>	
	Auto-renewal	Note You can enable auto-renewal at any time before your bastion host expires. The system automatically attempts to renew your bastion host nine days before the expiration date. If the payment deduction fails, the system attempts to renew the bastion host once every day until the bastion host expires or is renewed.
	<ul> <li>If auto-renewal is disabled, you can set nonrenewal for your bastion host. In this case, the bastion host is stopped upon expiration, and you are notified of the expiration only once. You can modify the renewal settings at any time before the bastion host is stopped.</li> </ul>	

### Manual renewal

When you manually renew your bastion host, you can extend its expiration date but cannot modify its configurations. You can manually renew your bastion host at any time before it is automatically released. The new billing cycle starts from the original expiration date.

You can select one of the following renewal durations when you manually renew your bastion host:

- One month, three months, six months, or nine months
- One year, two years, three years, or five years

### Auto-renewal

You can enable auto-renewal on the buy page or Renewal page before your bastion host expires. The following table describes the available renewal durations.

Method	Available renewal duration
On the buy page	You cannot specify the renewal duration. The auto-renewal duration is set by the system based on the subscription duration of your bastion host.
	Note On the buy page, you can select one month, three months, six months, one year, two years, or three years for the subscription duration.
On the Renewal page	You can select one month, two months, three months, six months, one year, two years, or three years for the renewal duration.

When you enable auto-renewal, take note of the following items:

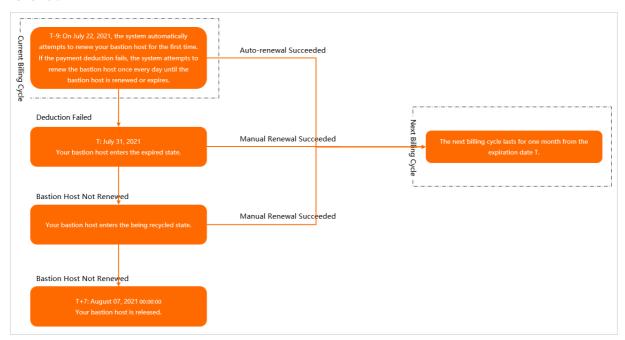
- If you manually renew your bastion host before the auto-renewal payment is deducted, the auto-renewal operation is not performed during the current billing cycle.
- Auto-renewal takes effect the next day after you enable it. Coupons can be used for auto-renewal.
- The billing cycle and the date for the first auto-renewal attempt are calculated based on the expiration date of your bastion host.
- The auto-renewal cycle depends on the renewal duration that you specified. For example, if you select one year, your bastion host is automatically renewed for one year each time before the bastion host expires.
- If the payment deduction for auto-renewal fails, the system reminds you of the failure by text message and email. To prevent your bastion host from being stopped, promptly respond to the reminder.

After auto-renewal is enabled, fees are automatically deducted to renew your bastion host each time before the bastion host expires. Make sure that your account balance is sufficient. The following list describes the system operations involved in auto-renewal:

- Nine days before your bastion host expires, the system attempts to deduct the fees for the first time. If the subscription duration of your bastion host is one week, the system automatically deducts the fees on the day when the bastion host is created.
- If automatic payment deduction fails on the first attempt, the system continues to deduct fees once every day until the deduction succeeds or your bastion host expires.
  - **Note** If your bastion host fails to be automatically renewed due to insufficient account balance but you top up your account after the bastion host expires, the bastion host is not automatically renewed. In this case, you must manually renew your bastion host before it is automatically released.
- Auto-renewal is triggered at 08:00:00 (UTC+8) on the renewal day. The system performs auto-renewal in succession on all bastion hosts that are about to expire, which indicates that the actual renewal time can be anytime between 08:00:00 (UTC+8) and 18:00:00 (UTC+8) on the renewal day. If your bastion host is about to expire the next day, we recommend that you manually renew the

bastion host.

Assume that you have purchased a bastion host with a subscription duration of one month and have enabled auto-renewal for the bastion host. The bastion host is about to expire at 00:00:00 on July 31, 2021 (marked as T in the following figure). The following figure shows the actions performed in auto-renewal.



### 4.2. Manually renew bastion hosts

You can manually renew your subscription bastion host at any time before the bastion host is automatically released. This topic describes how to manually renew bastion hosts.

### Description

The options for the renewal duration vary based on the number of bastion hosts that you want to renew. For more information, visit the buy page.

#### Renew a bastion host

1.

2. On the Instances page, find the bastion host that you want to renew and click **Renew**.



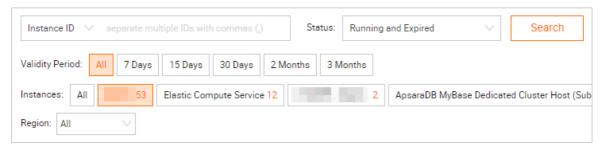
- 3. On the Renew page, specify **Duration**.
- 4. Click **Bastionhost Terms of Service**, read and agree to the terms of service, and then select **Bastionhost Terms of Service**.
- Confirm the order and click Buy Now.
   After you complete the payment, the subscription of the bastion host is extended.

### Renew multiple bastion hosts

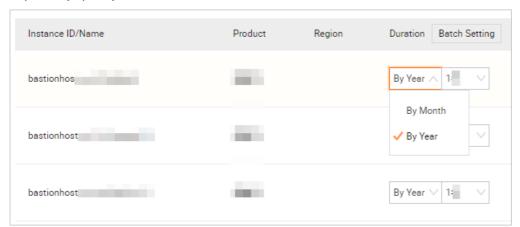
1.

- 2. In the top navigation bar, choose Expenses > Renewal Management.
- 3. On the **Renewal** page, specify the Validity Period, Instances, and Region parameters to search for the required bastion hosts.

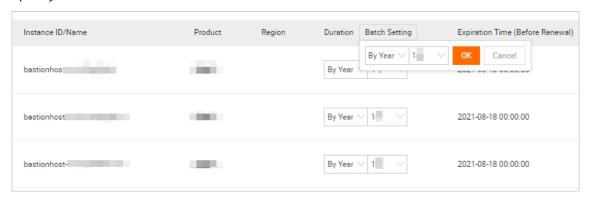
Set Instances to Bastionhost and specify the Validity Period and Region parameters based on your business requirements.



- 4. Click the Auto tab.
- 5. In the bastion host list, select the bastion hosts that you want to renew and click **Batch Renew** below the list.
- 6. On the Batch Renew page, specify **Duration**.
  - Separately specify the renewal duration for each bastion host.



• Specify the renewal durations for all bastion hosts at a time.



7. After you confirm the configuration, click Pay and complete the payment as prompted.

# 4.3. Enable auto-renewal for bastion hosts

Compared with manual renewal, auto-renewal minimizes management costs. Auto-renewal also prevents service interruptions of bastion hosts that are caused by manual renewal failures. This topic describes how to enable auto-renewal for bastion hosts.

### **Prerequisites**

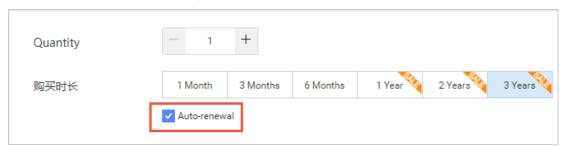
Subscription bastion hosts do not expire.

### Description

- If you manually renew your bastion host before the auto-renewal payment is deducted, the auto-renewal operation is not performed during the current billing cycle.
- Auto-renewal takes effect the next day after you enable it. Coupons can be used for auto-renewal.
- The billing cycle and the date for the first auto-renewal attempt are calculated based on the expiration date of your bastion host.
- The auto-renewal cycle depends on the renewal duration that you specified. For example, if you select one year, your bastion host is automatically renewed for one year each time before the bastion host expires.
- The system automatically attempts to renew your bastion host nine days before the expiration date. If the payment deduction fails, the system attempts to renew the bastion host once every day until the bastion host expires or is renewed.
- If the payment deduction for auto-renewal fails, the system reminds you of the failure by text message and email. To prevent your bastion host from being stopped, promptly respond to the reminder.

### Enable auto-renewal on the buy page

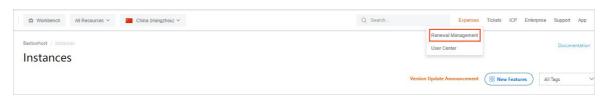
You can enable auto-renewal on the buy page of a bastion host, as shown in the following figure. For more information about how to purchase a bastion host, see Purchase a bastion host.



### Enable auto-renewal on the Renewal page

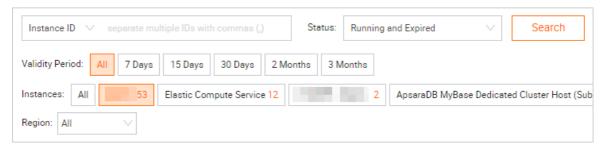
1.

2. In the top navigation bar, choose Expenses > Renewal Management.



3. On the **Renewal** page, specify the Validity Period, Instances, and Region parameters to search for the required bastion hosts.

Set Instances to Bastionhost and specify the Validity Period and Region parameters based on your business requirements.



- 4. Click the Manual tab.
- 5. Enable auto-renewal for bastion hosts.
  - Enable auto-renewal for a bastion host: In the bastion host list, find the bastion host and click **Enable Auto Renewal** in the **Actions** column.
  - Enable auto-renewal for one or more bastion hosts: In the bastion host list, select the required bastion hosts and click **Enable Auto Renewal** below the list.

The bastion hosts that have auto-renewal enabled are displayed on the Auto tab.

# 4.4. Disable auto-renewal for bastion hosts

If you enable auto-renewal for your bastion host, the system automatically deducts fees from your account balance nine days before the bastion host expires. If you no longer require auto-renewal for the bastion host after the current billing cycle, you can disable auto-renewal for the bastion host before the system deducts the fees for the next billing cycle.

### Context

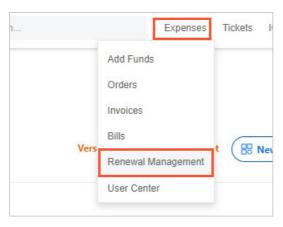
When you disable auto-renewal for a bastion host, you can also specify whether to set nonrenewal for the bastion host.

- If you do not set nonrenewal for the bastion host, you must manually renew the bastion host.
- If you set nonrenewal for the bastion host, the bastion host is stopped when it expires, and you are notified of the expiration only once. You can modify the renewal settings before the bastion host is stopped or manually renew the bastion host before it expires.

### Enable manual renewal on the Renewal page

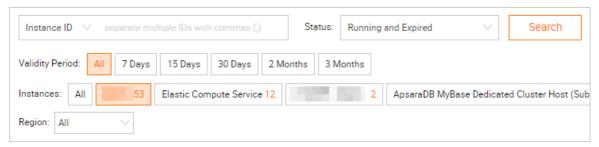
1.

2. In the top navigation bar, choose Expenses > Renewal Management.



3. On the **Renewal** page, specify the Validity Period, Instances, and Region parameters to search for the required bastion hosts.

Set Instances to Bastionhost and specify the Validity Period and Region parameters based on your business requirements.



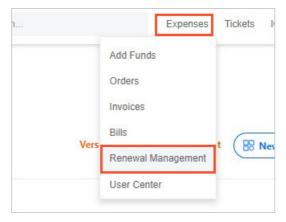
- 4. Click the Manual tab.
- 5. Select a method to enable manual renewal.
  - Enable manual renewal for a bastion host: In the bastion host list, find the bastion host and click **Enable Manual Renewal** in the **Actions** column.
  - Enable manual renewal for one or more bastion hosts: In the bastion host list, select the required bastion hosts and click **Enable Manual Renewal** below the list.
- 6. Click OK.

The bastion hosts that have manual renewal enabled are displayed on the Manual tab.

### Set nonrenewal on the Renewal page

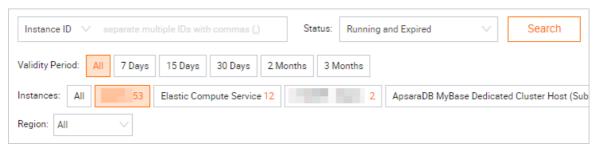
1.

2. In the top navigation bar, choose Expenses > Renewal Management.



3. On the **Renewal** page, specify the Validity Period, Instances, and Region parameters to search for the required bastion hosts.

Set Instances to Bastionhost and specify the Validity Period and Region parameters based on your business requirements.



- 4. Click the Manual tab.
- 5. Select a method to set nonrenewal.
  - Set nonrenewal for a bastion host: In the bastion host list, find the bastion host and click **Nonrenewal** in the **Actions** column.
  - Set nonrenewal for one or more bastion hosts: In the bastion host list, select the required bastion hosts and click **Set as Nonrenewal** below the list.
- 6. Click OK.

The bastion hosts that have nonrenewal set are displayed on the Nonrenewal tab.