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Pricing

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Document conventions

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

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1. Purchase SAG devices

This topic describes how to purchase Smart Access Gateway (SAG) devices. You can use SAG devices to connect your private networks to Alibaba Cloud. After you purchase an SAG device, the system automatically creates an SAG instance. You can use the SAG instance to manage the SAG device.

Context

The method to purchase SAG devices varies based on the area where your private network is deployed.

- **Mainland China**

You can log on to the [SAG console](#) to purchase SAG devices.

For more information, see this topic. After you purchase an SAG device, it will be shipped within two business days. You can view the shipping status about the SAG device in the SAG console. If the SAG device is not shipped within two business days, you can [submit a ticket](#) to query the shipping status.

- **Outside mainland China**

- You cannot purchase SAG devices in the SAG console in areas outside mainland China. For more information, [submit a ticket](#).
- After you purchase SAG devices, you must log on to the [SAG console](#) to purchase bandwidth resources. For more information, see this topic.

Procedure

- Log on to the [SAG console](#).
- In the top navigation bar, select the region.
- On the [SAG](#) page, choose **Purchase SAG > Create SAG (CPE)**.
- On the buy page, set the following parameters and click **Buy Now**.

Parameter	Description
SAG Device	
Area	<p>Select the area where you want to use the SAG device.</p> <div style="background-color: #e6f2ff; padding: 10px; border: 1px solid #d9e1f2;"> <p> Note If the area that you want to select is not listed on the buy page, we recommend that you select the nearest area.</p> <p>For example, if you want to use SAG devices in Thailand that is not listed on the buy page, you can select China (Hong Kong).</p> </div>

Parameter	Description
Device Spec	<p>Select the model of the SAG device that you want to purchase.</p> <ul style="list-style-type: none"> ○ If you set Area to Mainland China, the following SAG models are supported: <ul style="list-style-type: none"> ■ SAG-100WM: suitable for connecting small-scale private networks to Alibaba Cloud. ■ SAG-1000: suitable for connecting large-scale private networks to Alibaba Cloud. <p>For more information, see Descriptions of SAG-100WM and Descriptions of SAG-1000.</p> <ul style="list-style-type: none"> ○ If Area is not set to Mainland China, ignore this parameter.
Have SAG Devices Already	<p>Select whether you already have an SAG device.</p> <ul style="list-style-type: none"> ○ If Area is set to Mainland China, the following options are available: <ul style="list-style-type: none"> ■ No: You do not have an SAG device and need to purchase one. ■ Yes: You already have an SAG device and do not need to purchase one. ○ If Area is not set to Mainland China, Yes is selected by default.
Edition	<p>The version of the SAG device. SAG-100WM-Standard is selected by default.</p>
Quantity	<p>The number of SAG devices that you want to purchase.</p> <ul style="list-style-type: none"> ○ If Area is set to Mainland China, valid values are: <ul style="list-style-type: none"> ■ 1: specifies to purchase one SAG device. ■ 2: specifies to purchase two SAG devices. <p>If you purchase two SAG devices, they are associated with the same SAG instance. When one SAG device is down, the other one takes over.</p> ○ If Area is not set to Mainland China, ignore this parameter.
Peak Bandwidth	
Area	<p>Select the area where you want to use the bandwidth resources. This area must be the same as the Area that you specify for the SAG device.</p>
Name	<p>Specify a name for the SAG instance.</p> <p>The name must be 2 to 128 characters in length, and can contain digits, periods (.), hyphens (-), and underscores (_). It must start with a letter.</p>
Peak Bandwidth	<p>Select a maximum bandwidth value for the SAG device. Unit: Mbit/s.</p>
Duration	<p>Specify the subscription duration.</p>

5. On the **Confirm Order** page, confirm the information and click **Confirm Purchase**.

6. In the **Shipping Address** dialog box, enter the recipient address and then click **Buy Now**.

 **Note**

- If Area is set to Mainland China for the SAG devices, you must enter an address in mainland China.
- If Area is not set to Mainland China for the SAG devices, you must also enter an address to go to the next step. However, the system does not record the address in this case.

7. On the **Purchase** page, select a payment method and complete the payment.

What's next

After you receive the SAG device, You must manually associate the SAG device with an SAG instance and activate the SAG device.

- If the SAG device is used in mainland China

The system automatically associates the SAG device with an SAG instance. You only need to activate the SAG device.

- If the SAG device is used outside mainland China

You must manually associate the SAG device with an SAG instance, and then activate the SAG device.

For more information, see the following topics:

- [Add a device](#)
- [Activate an SAG device](#)

2. Purchase SAG APP

This topic describes how to purchase SAG APP. Only an administrator can purchase SAG APP. After you purchase SAG APP, an SAG APP instance is created. The administrator can use the SAG instance to create client accounts.

Procedure

1. Log on to the [Smart Access Gateway console](#).
2. In the left-side navigation pane, click **Smart Access Gateway APP**.
3. On the **Smart Access Gateway APP** page, click **Create SAG APP** and set the following parameters:

Parameter	Description
Region	The region where SAG APP clients are used. We recommend that you select the region where the clients are used. Otherwise, the clients will directly connect to networks in the default region.
Number of Client Accounts	Specify the number of client accounts that can be created for SAG APP. Typically, each employee who needs to log on to SAG APP requires an account. Note An SAG APP instance supports 5 to 1,000 clients. Pricing is tiered and based on the number of client accounts. For more information, see Billing and pricing of SAG APP .
Data Plan Per Account	The amount of free data usage allocated to each client account. The data plan cannot be shared among different client accounts. The data plan remains effective only for the current month. Note You can purchase only 5 GB for each client account per month.
Billing Method When Billing Plan is Exhausted	If the actual data usage of a client account exceeds the data plan, you are charged for the amount that exceeds the data plan based on the pay-as-you-go billing method.
Duration of Purchase	The subscription duration of the data plan under each client account. SAG supports monthly subscriptions and auto renewal.

4. Click **Buy Now**, confirm the order, and then settle the payment.

3. Purchase an SAG vCPE device

This topic describes how to purchase a Smart Access Gateway (SAG) vCPE image in the SAG console. After you purchase an SAG vCPE image and bandwidth, the system creates an SAG vCPE instance. The SAG vCPE instance allows you to manage the server where the SAG vCPE image is deployed.

Procedure

1. Log on to the [SAG console](#).
2. On the **Smart Access Gateway** page, click **Purchase SAG**.
3. Select **Create SAG (vCPE)**.
4. On the buy page, set the following parameters and click **Buy Now**.

Parameter	Description
Area	Select the region where you want to deploy the SAG vCPE image.
Instance Name	Optional. Enter a name for the SAG vCPE instance. The name must be 2 to 128 characters in length, and can contain digits, periods (.), underscores (_), and hyphens (-). It must start with a letter or Chinese character.
Instance Type	Select an instance type. SAG-vCPE is selected by default.
Edition	Select an edition. Basic Edition is selected.
Deployment Mode	Select a deployment mode. HA is selected by default. You can purchase two SAG vCPE devices, and use one as the active device and the other as the standby device. When the active device is faulty, you can switch to the standby device.
Peak Bandwidth	Specify the maximum bandwidth for network communication.
Quantity	Select the number of SAG vCPE devices that you want to purchase.
Subscription Duration	Specify the subscription duration. You can select Auto-renewal to enable automatic renewal.

5. On the **Confirm Order** page, confirm the order information, select **I have read and agree to Smart Access Gateway-vCPE Agreement of Service**, and then click **Pay**.
6. On the **Purchase** page, select a payment method and click **Purchase**.

4. Renew

After an instance expires, it stops providing service. To avoid negative impacts on your workload, we recommend that you renew the subscription before the instance expires.

Procedure

1. Log on to the [Smart Access Gateway console](#).
2. On the **Smart Access Gateway** page, find the target instance and click  in the **Actions** column.
3. Click **Renew**.
4. On the **Renew** page, set the **Subscription Duration**, select the **SAG Bandwidth Terms of Service** check box, and then settle the payment.

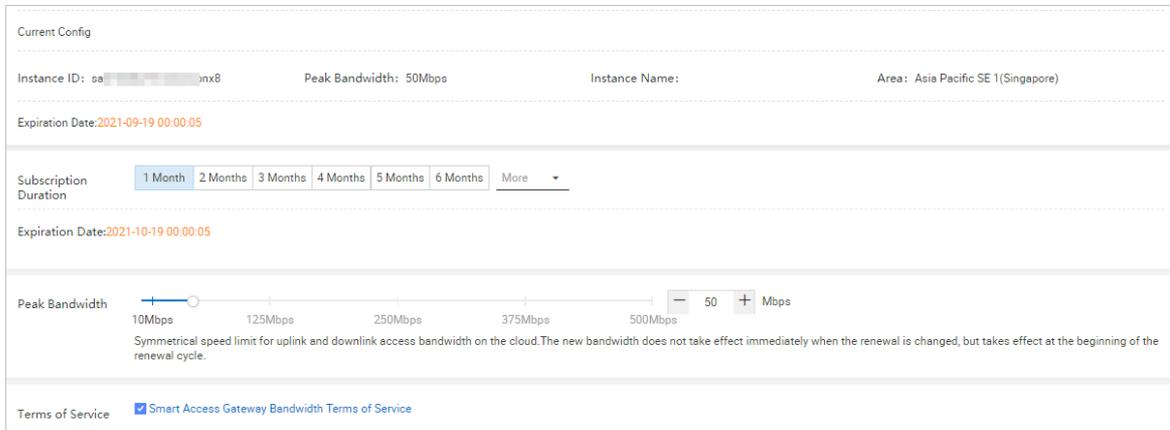
Current Config			
Instance ID: sa-  -wovx8	Peak Bandwidth: 50Mbps	Instance Name:	Area: Asia Pacific SE 1(Singapore)
Expiration Date: 2021-09-19 00:00:05			
Subscription Duration	<input type="radio"/> 1 Month	<input type="radio"/> 2 Months	<input type="radio"/> 3 Months
	<input type="radio"/> 4 Months	<input type="radio"/> 5 Months	<input type="radio"/> 6 Months
	<input type="text" value="More"/> ▾		
Expiration Date: 2021-10-19 00:00:05			
Terms of Service	<input checked="" type="checkbox"/> Smart Access Gateway Bandwidth Terms of Service		

5. Renew and Change Specification

After a Smart Access Gateway (SAG) instance expires, you can renew it and upgrade or downgrade its specification. The new specification takes effect when the renewed subscription period starts. It does not take effect immediately.

Procedure

1. Log on to the [Smart Access Gateway console](#).
2. On the **Smart Access Gateway** page, find the target instance and click  in the **Actions** column.
3. Click **Renew and Change Specification**.
4. On the **Renew and Change Configuration** page, set the **Peak Bandwidth** and **Subscription Duration**, select the **SAG Bandwidth Terms of Service** check box, and then settle the payment.



The screenshot displays the 'Renew and Change Configuration' interface for a Smart Access Gateway instance. It includes the following sections:

- Current Config:** Shows Instance ID (sa-xxxxxx-nx8), Peak Bandwidth (50Mbps), Instance Name, and Area (Asia Pacific SE 1(Singapore)).
- Expiration Date:** 2021-09-19 00:00:05.
- Subscription Duration:** A menu with options for 1 Month, 2 Months, 3 Months, 4 Months, 5 Months, 6 Months, and More.
- Expiration Date:** 2021-10-19 00:00:05.
- Peak Bandwidth:** A slider control ranging from 10Mbps to 500Mbps, currently set at 50Mbps. A note states: 'Symmetrical speed limit for uplink and downlink access bandwidth on the cloud. The new bandwidth does not take effect immediately when the renewal is changed, but takes effect at the beginning of the renewal cycle.'
- Terms of Service:** A checkbox labeled 'Smart Access Gateway Bandwidth Terms of Service' which is checked.

6. Temporarily upgrade an SAG instance

This topic describes how to temporarily upgrade an SAG instance to meet your business requirements.

Context

You can temporarily upgrade an SAG instance in scenarios such as sales promotions and online operations activities during holidays. You can upgrade the maximum bandwidth value of an SAG instance. After the temporary upgrade ends, the maximum bandwidth is automatically restored to the previous value. Rules of temporary upgrades:

- The minimum upgrade duration supported by a temporary upgrade is 5 days. You are charged on an hourly basis. After you complete the payment, the new bandwidth value takes effect immediately and your service is not interrupted.
- After the temporary upgrade ends, the maximum bandwidth of the SAG instance is automatically restored to the previous value. During the restoration process, your workloads are not interrupted. However, transient connections may occur. We recommend that you configure a reconnecting mechanism for your backend applications.
- The latest restoration time that you can set for a temporary upgrade is the day before the expiration day of the SAG instance.

For example, if your SAG instance expires at 00:00:00, November 18, 2021, the latest restoration time you can set is 00:00:00, November 17, 2021.

Procedure

1. Log on to the [Smart Access Gateway console](#).
2. In the top navigation bar, select the region where the SAG instance is deployed.
3. On the **Smart Access Gateway** page, find the target instance and click  in the **Actions** column.
4. Click **Temporary Upgrade**.
5. On the **Temporary Upgrade** page, set the **Peak Bandwidth** and **Restore Time**, select the **SAG Bandwidth Terms of Service** check box, and then complete the payment.

7.Upgrade

You can upgrade the peak bandwidth for Smart Access Gateway (SAG) instances as needed.

Procedure

1. Log on to the [Smart Access Gateway console](#).
2. On the **Smart Access Gateway** page, find the target instance and click  in the **Actions** column.
3. Click **Upgrade**.
4. On the **Upgrade/Downgrade** page, set the peak bandwidth, select **SAG Bandwidth Terms of Service** check box, and then settle the payment.

 **Note** You can only select a bandwidth specification that is higher than that of the current instance.

Current Config

Instance ID: sa-xxxxxx-vonx8 Peak Bandwidth: 50Mbps Instance Name: Area: Asia Pacific SE 1(Singapore)

Expiration Date: 2021-09-19 00:00:05

Peak Bandwidth  50 + Mbps

Symmetrical speed limit for uplink and downlink access bandwidth on the cloud. The new bandwidth does not take effect immediately when the renewal is changed, but takes effect at the beginning of the renewal cycle.

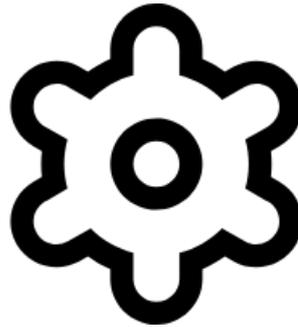
Terms of Service Smart Access Gateway Bandwidth Terms of Service

8.Filter columns

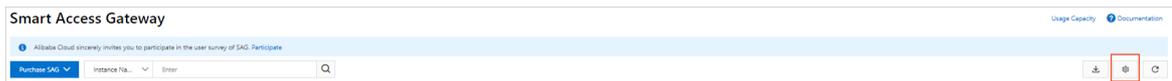
The Smart Access Gateway (SAG) console provides a column filter that allows you to select the columns to be displayed. This feature facilitates instance management. This topic describes how to filter columns in the SAG console.

Procedure

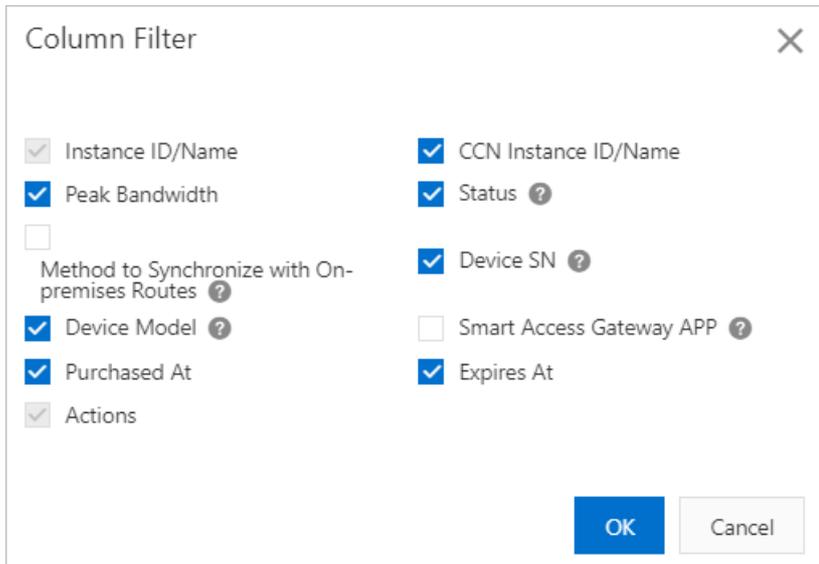
1. Log on to the [Smart Access Gateway console](#).



2. On the **Smart Access Gateway** page, click



3. In the **Column Filter** dialog box, select or clear the columns, and then click **OK**.



Note The Instance ID /Name and Actions columns are selected by default and cannot be cleared.

9. Release an SAG instance

This topic describes how to release a Smart Access Gateway (SAG) instance.

Rules

- SAG CPE instances and SAG vCPE instances
 - If you want to release an instance before it expires, apply for a refund. After the refund is complete, the system automatically releases the instance. For more information about refunds, see [Rules for canceling the subscription of an Alibaba Cloud service](#).
 - If you want to release an instance after it expires, delete the instance in the console seven days after the instance expires. For more information, see [Delete an SAG CPE or SAG vCPE instance](#).
- SAG app instances
 - If you want to release an instance before it expires, apply for a refund. After the refund is complete, the system automatically releases the instance. For more information about refunds, see [Rules for canceling the subscription of an Alibaba Cloud service](#).
 - Seven days after an SAG app instance expires, it is automatically released. For more information, see [The states of an SAG app instance](#).

Delete an SAG CPE or SAG vCPE instance

Before you delete an SAG instance, make sure that the following requirements are met:

- The SAG instance to be deleted is not associated with a Cloud Connect Network (CCN) instance or a virtual border router (VBR). If the SAG instance is associated with a CCN instance or a VBR, disassociate the SAG instance from the CCN instance or VBR before you delete the SAG instance. For more information, see [Detach a network](#).
- The SAG instance has been locked for more than seven days due to overdue payments. For more information about the status of an SAG instance, see [Monitor the status of an SAG device](#).
 1. Log on to the [SAG console](#).
 2. In the top navigation bar, select the region.
 3. On the **Smart Access Gateway** page, find the SAG instance that you want to delete and choose  **> Delete** in the **Actions** column.
 4. In the **Delete SAG Instance** message that appears, confirm the SAG instance information and click **OK**.