

Alibaba Cloud

Elastic IP Address Pricing

Document Version: 20200905

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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. Billing

Elastic IP Address (EIP) supports two line types: BGP (Multi-ISP) and BGP (Multi-ISP) Pro. Both types of EIPs can be purchased based on pay-as-you-go or subscription. EIP association fees may be charged when you associate a pay-as-you-go or subscription EIP to a cloud resource.

 **Note** BGP (Multi-ISP) is supported in all regions. BGP (Multi-ISP) Pro is supported only in China (Hong Kong).

Billing method

EIPs of different billing methods and metering methods are charged of different billing items. The following table lists the billing items for EIPs.

 **Note**

- "-" indicates that the fee is not charged and "✓" indicates that the fee is charged.
- Subscription and pay-as-you-go EIPs purchased in the India (Mumbai) and UAE (Dubai) regions do not support pay-by-bandwidth.

Billing method	Metering method	Configuration fee	Bandwidth usage fee	Data usage fee
Subscription	Pay-by-bandwidth	-	✓	-
Pay-as-you-go	Pay-by-data-transfer	• No configuration fee is charged when an EIP is associated with an Elastic Compute Service (ECS) instance connected to a Virtual Private Cloud (VPC) network. • Configuration fees are charged when an EIP is associated with a NAT gateway, a Server Load Balancer (SLB) instance, a secondary Elastic Network Interface (ENI), or a High Availability Virtual IP Address (HAVIP).	-	✓
	Pay-by-bandwidth		✓	-

EIP association fee

EIP association fees are charged per account per region based on the following rules:

 **Notice** Users who purchase EIPs for the first time after 00: 00 on January 15, 2020 are charged for associating EIPs with other resources. Users who have purchased EIPs before 00: 00 on January 15, 2020 can associate EIPs with other resources free of charge.

If the number of times you associate your EIPs under an account in a region within a calendar day is less than or equal to five times of the quota, no association fee is charged. If the number of times is greater than five times of the quota, you are charged at a price rate of USD 0.149 per association. Association fees are calculated and bills are generated on a daily basis.

 **Note** The quota equals the default number of EIPs that you can hold under an account. To view the quota, see [Manage quotas](#).

For example, you can hold 20 EIPs under an account. You can associate your EIPs under the account 100 times in each region within a calendar day free of charge. EIP association fees are charged at a price rate of USD 0.149 per association after your free quota (100 times) is exhausted. That is, USD 0.149 is charged for one additional association, and USD 1.49 is charged for 10 additional associations.

2.Subscription

This topic describes the subscription billing method of elastic IP addresses (EIPs). Subscription EIPs are charged based on the bandwidth usage.

Overview

The subscription billing method requires you to complete the payment of the subscription before you can use the service. Subscription EIPs have the following characteristics:

- You must pay the subscription fee when you create an EIP.
- The billing cycle is 30 days.
- You cannot release the an EIP before the subscription of the EIP expires. You can only upgrade the specifications of the EIP.

Billing item

Subscription EIPs are billed based on the bandwidth usage.

Bandwidth usage fee = Unit price of bandwidth usage (USD per month) x Subscription duration

Unit price of bandwidth usage

EIP supports BGP (Multi-ISP) and BGP (Multi-ISP) Pro. EIPs of different connection types are charged at different unit prices of bandwidth usage.

 **Note** If the prices in the following table are different from what are displayed in the console, refer to the buy page in the console.

Unit prices of bandwidth usage for EIPs of BGP (Multi-ISP)

Region	Region	Bandwidth unit price (USD per month)					
		1 Mbps	2 Mbps	3 Mbps	4 Mbps	5 Mbps	6 Mbit/s and higher, n represents the bandwidth value.
China	China (Hangzhou), China (Beijing), China (Zhangjiakou-Beijing Winter Olympics), China (Hohhot), China (Shenzhen), China (Shanghai), China (Chengdu), and China (Hong Kong)	3.40	6.80	10.20	13.60	17.00	$17.00 + (n - 5) \times 11.83$
	China (Qingdao)	3.10	6.21	9.31	12.42	15.52	$15.52 + (n - 5) \times 10.64$

Region	Region	Bandwidth unit price (USD per month)					
		1 Mbps	2 Mbps	3 Mbps	4 Mbps	5 Mbps	6 Mbit/s and higher, n represents the bandwidth value.
Asia Pacific	Singapore, Australia (Sydney), Malaysia (Kuala Lumpur), and Indonesia (Jakarta)	3.40	6.80	10.20	13.60	17.00	$17.00 + (n-5) \times 11.83$
	Japan (Tokyo)	3.70	7.39	11.09	14.78	18.48	$18.48 + (n-5) \times 12.42$
Europe and Americas	US (Virginia), US (Silicon Valley), Germany (Frankfurt), and UK (London)	3.40	6.80	10.20	13.60	17.00	$17.00 + (n-5) \times 11.83$
Middle East and India	UAE (Dubai)	11.83	23.66	35.49	47.32	59.15	$6 \times n$
	India (Mumbai)	3.70	7.39	11.09	14.78	18.48	$18.48 + (n-5) \times 12.42$

Unit prices of bandwidth usage for EIPs of BGP (Multi-ISP) Pro

Region	Unit price of bandwidth usage (USD per month per Mbit/s)
China (Hong Kong)	34.4

3. Pay-as-you-go

This topic describes the pay-as-you-go billing method of elastic IP addresses (EIPs). Pay-as-you-go EIPs are billed based on the data usage or bandwidth usage.

Overview

The pay-as-you-go billing method requires you to pay fees based on the usage. Pay-as-you-go EIPs support the following rules:

- A pay-as-you-go EIP can be released at any time. After an EIP is released, the bill of the current hour or day is generated the next hour or day, and then fees are deducted from your account.
- If an EIP is associated with an Elastic Compute Service (ECS) instance, you are not charged a configuration fee. However, you are charged a configuration fee when you associate an EIP with a NAT gateway, a Server Load Balancer (SLB) instance, a secondary Elastic Network Interface (ENI) instance, or a High-Availability Virtual IP Address (HAVIP).

Pay-as-you-go EIPs are billed based on the data usage or bandwidth usage. The maximum bandwidth varies based on the metering methods that are described in the following table.

Pay-by-data-transfer EIPs	Pay-by-bandwidth EIPs
The maximum bandwidth is for reference only. It is not a guaranteed performance indicator of the service. In scenarios where demands exceed resources, the maximum bandwidth may be limited.	The maximum bandwidth is a guaranteed performance indicator of the service. In scenarios where demands exceed resources, the maximum bandwidth is guaranteed.
The cumulative sum of the maximum bandwidth values of all pay-by-data-transfer EIPs in a single region cannot exceed 5 Gbit/s. If your business requires a higher maximum bandwidth, you must use pay-by-bandwidth EIPs instead.	The cumulative sum of the maximum bandwidth values of all pay-by-bandwidth EIPs in a single region cannot exceed 50 Gbit/s. To increase the maximum bandwidth, contact your product manager.

Pay-by-data-transfer

Total fee = Configuration fee + Data usage fee. The billing cycle is one hour. That is, fees and bills are calculated and generated on an hourly basis. If you use an EIP for less than one hour, the usage duration is rounded up to one hour.

The configuration fee and data usage fee are calculated in the following ways:

- Configuration fee = Unit price of EIP (USD/hour) × Usage duration (hours)
Usage duration is the time period from when the EIP is created to when it is released.
- Data usage fee = Unit price of data usage (USD/GB) × Data usage (GB)
Data usage refers to the cumulative outbound traffic of an EIP. Inbound traffic is not charged. Outbound traffic refers to the traffic that is transmitted from the data center of Alibaba Cloud to the Internet.

Note After you change the maximum bandwidth of an EIP, the unit price of EIP and unit price of data usage remain unchanged. We recommend that you set the maximum bandwidth based on your requirements. This avoids excessive data usage fees caused by malicious requests or program errors.

EIP supports BGP (Multi-ISP) and BGP (Multi-ISP) Pro. EIPs of different line types are charged at different unit prices of EIP and different unit prices of data usage.

Note If the information in the following table is different from that displayed in the console, refer to the buy page in the console.

Unit prices of EIP and unit prices of data usage for EIPs of BGP (Multi-ISP)

Region	Unit price of EIP (USD/hour)	Unit price of data usage (USD/GB)
China (Hangzhou), China (Shanghai), China (Beijing), China (Zhangjiakou-Beijing Winter Olympics), China (Hohhot), China (Shenzhen), China (Heyuan), and China (Chengdu)	0.0031	0.125
China (Qingdao)	0.0031	0.113
China (Hong Kong)	0.0088	0.156
Singapore (Singapore)	0.0063	0.117
Japan (Tokyo)	0.0047	0.120
US (Virginia)	0.0047	0.078
US (Silicon Valley)	0.0047	0.078
Germany (Frankfurt) and UK (London)	0.006	0.070
UAE (Dubai)	0.009	0.153
Australia (Sydney)	0.006	0.130
Malaysia (Kuala Lumpur)	0.003	0.125
Indonesia (Jakarta) and India (Mumbai)	0.006	0.117

Unit prices of EIP and unit prices of data usage for EIPs of BGP (Multi-ISP) Pro

Region	Unit price of EIP (USD/hour)	Unit price of data usage (USD/GB)
China (Hong Kong)	0.0088	0.452

Pay-by-bandwidth

Total fee = Configuration fee + Bandwidth usage fee. The configuration fee and bandwidth usage fee are billed on an hourly basis. If you use the service for less than one hour, the usage duration is rounded up to one hour. The billing cycle is one day. Bills are generated on a daily basis.

The configuration fee and bandwidth usage fee are calculated as the following:

- Configuration fee = Unit price of EIP (USD/day) × [Usage duration (hours)/24] (days)
Usage duration refers to the time period from when the EIP is created to when it is released.
- Bandwidth usage fee
 - If $1 \text{ Mbit/s} \leq \text{Peak bandwidth} \leq 5 \text{ Mbit/s}$, Bandwidth usage fee = Unit price of bandwidth usage (USD per day per Mbit/s) × [Usage duration (hours)/24] (days) × Peak bandwidth.
 - If $\text{Peak bandwidth} > 5 \text{ Mbit/s}$, Bandwidth usage fee = Unit price of bandwidth from 1 to 5 Mbit/s (USD per day per Mbit/s) × [Usage duration (hours)/24] (days) × 5 + Unit price of bandwidth higher than 5 Mbit/s (USD per day per Mbit/s) × [Usage duration (hours)/24] (days) × (n-5).

In the preceding formulas, n represents the peak bandwidth value.

The bandwidth usage fee is calculated based on a tiered pricing model with 5 Mbit/s as the base bandwidth.

You can modify the maximum bandwidth at any time. If you increase or decrease the maximum bandwidth, the bandwidth fee is calculated based on the highest maximum bandwidth of the current day.

EIP supports BGP (Multi-ISP) and BGP (Multi-ISP) Pro. EIPs of different line types are charged at different unit prices of an EIP and unit prices of bandwidth usage.

 **Note** If the information in the following table is different from that displayed in the console, refer to the buy page in the console.

Unit prices of EIP for EIPs of BGP (Multi-ISP)

Region	Unit price of EIP (USD/day)
China (Hangzhou), China (Shanghai), China (Beijing), China (Zhangjiakou-Beijing Winter Olympics), China (Hohhot), China (Shenzhen), China (Heyuan), China (Chengdu), and China (Qingdao)	0.0744
China (Hong Kong)	0.2112
Singapore (Singapore)	0.1512
Japan (Tokyo), US (Virginia), and US (Silicon Valley)	0.1128
Germany (Frankfurt), UK (London), Australia (Sydney), Indonesia (Jakarta), and India (Mumbai)	0.144
Malaysia (Kuala Lumpur)	0.072

Unit prices of bandwidth usage for EIPs of BGP (Multi-ISP)

Region	Bandwidth unit price (USD/day)					
	1 Mbps	2 Mbps	3 Mbps	4 Mbps	5 Mbps	6 Mbit/s and higher (n is the bandwidth value)
China (Hangzhou), China (Shanghai), China (Beijing), China (Zhangjiakou-Beijing Winter Olympics), China (Hohhot), China (Shenzhen), China (Chengdu), Malaysia (Kuala Lumpur), China (Hong Kong), Singapore, Indonesia (Jakarta), US (Virginia), US (Silicon Valley), Germany (Frankfurt), UK (London), and Australia (Sydney)	0.14	0.28	0.43	0.57	0.71	$0.71 + (n-5) \times 0.5$
China (Qingdao)	0.11	0.21	0.32	0.43	0.53	$0.53 + (n-5) \times 0.46$
Japan (Tokyo)	0.17	0.34	0.51	0.68	0.85	$0.85 + (n-5) \times 0.57$

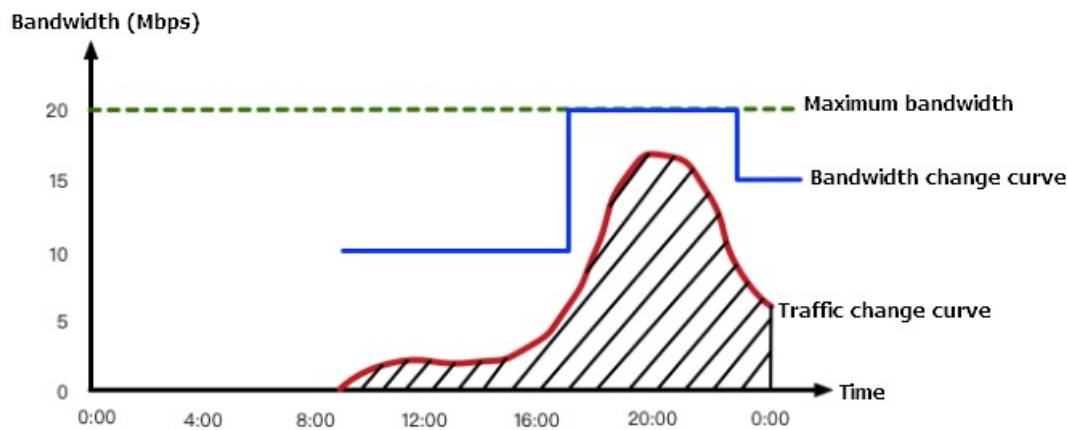
Unit prices of EIP and unit prices of bandwidth usage for EIPs of BGP (Multi-ISP) Pro

Region	Unit price of EIP (USD/day)	Unit price of bandwidth usage (USD/day)
China (Hong Kong)	0.2112	1.430

Examples

Assume that you create an EIP in the China (Hangzhou) region at 9:30 (UTC+8) and set the maximum bandwidth to 10 Mbit/s. Then, you associate the EIP with a NAT gateway and use services that incur data usage fees. You modify the maximum bandwidth twice on the same day:

- At 17:00 (UTC+8), you change the maximum bandwidth from 10 Mbit/s to 20 Mbit/s.
- At 23:00 (UTC+8), you change the maximum bandwidth from 20 Mbit/s to 15 Mbit/s.



The following table describes how fees are calculated based on the metering method you select.

Billing method	Configuration fee	Data usage fee or bandwidth usage fee	Total fee
Pay-by-data-transfer	The configuration fee is calculated as the following: - Unit price of EIP: Assume that the unit price of an EIP in the China (Hangzhou) region is USD 0.003 per hour. - Usage duration: Assume that the EIP is used for 14.5 hours on that day. The Usage duration is rounded up to 15 hours. - Configuration fee = Unit price of EIP (USD per hour) × Usage duration (hours) × Number of EIPs = 0.003 (USD per hour) × 15 (hours) × 1 (the number of EIPs) = USD 0.045	Data usage fees are calculated in the following ways: - Unit price of data usage: Assume that the unit price of data usage in the China (Hangzhou) region is USD 0.123 per GB. - Data usage: Assume that data usage is 60 GB on that day. - Data usage fee = Unit price of data usage (USD per GB) × Data usage (GB) = 0.123 (USD per GB) × 60 (GB) = USD 7.38	Total fee = Configuration fee (USD) + Data usage fee (USD) = USD 0.045 + USD 7.38 = USD 7.425

Billing method	Configuration fee	Data usage fee or bandwidth usage fee	Total fee
Pay-by-bandwidth	The configuration fee is calculated as the following: - Unit price of EIP: Assume that the unit price of an EIP in the China (Hangzhou) region is USD 0.074 per day. - Usage duration: Assume that the EIP is used for 14.5 hours on that day. The Usage duration is rounded up to 15 hours. - Configuration fee = $0.074 \text{ (USD per day)} / 24 \text{ (hours)} \times 15 \text{ (hours)} \times 1 \text{ (the number of EIPs)} = \text{USD } 0.04625$	The bandwidth usage fee is calculated as the following: - Maximum bandwidth: This indicates the maximum bandwidth set for the EIP on that day, which is 20 Mbit/s in this example. - Unit price of bandwidth usage: 0.14 (the unit price of bandwidth from 1 to 5 Mbit/s is USD 0.14 per day) $\times 5 + 0.5$ (the unit price of bandwidth higher than 5 Mbit/s is USD 0.5 per day) $\times (20-5) = \text{USD } 8.2$ per day - Usage duration: Assume that the EIP is used for 14.5 hours on that day. The Usage duration is rounded up to 15 hours. - Bandwidth usage fee = $8.2 \text{ (USD per day)} / 24 \text{ (hours)} \times 15 \text{ (hours)} = \text{USD } 5.125$	Total fee = Configuration fee (USD) + Bandwidth usage fee (USD) = USD 0.04625 + USD 5.125 = USD 5.17125

4.Overdue payments

After an instance expires or has overdue payments, we recommend that you renew the subscription or top up the balance as soon as possible. Otherwise, service interruptions may occur.

Billing method	Add to Internet shared bandwidth	Expiration and overdue payment	Renewal and balance top-up
Subscription	Not supported	48 hours before your Elastic IP address expires, you will receive notifications by email. • 72 hours after an Elastic IP address expires, the Elastic IP address stops running. A stopped Elastic IP address no longer provides services. • 72 hours after an Elastic IP address stops running, the system automatically releases the Elastic IP address. One day before the Elastic IP address is released, you will receive notifications by email. After an Elastic IP address is released, relevant configurations and data are deleted permanently and cannot be restored.	If the Elastic IP address is within its validity period, or has not been released, you can renew the subscription.

Billing method	Add to Internet shared bandwidth	Expiration and overdue payment	Renewal and balance top-up
	Not added to Internet shared bandwidth	If your Elastic IP address has an overdue payment (the bill is generated but the payment is not settled), you will receive notifications by email. • Within the following 15 days, the Elastic IP address keeps providing services as expected. • After 15 days, the Elastic IP address stops running, and the bandwidth is reduced to 1 Kbit/s. • If the overdue payment remains unsettled 15 days after the Elastic IP address stops running, the Elastic IP address is automatically released. One day before the Elastic IP address is released, you will receive notifications by email. After an Elastic IP address is released, relevant configurations and data are deleted permanently and cannot be restored.	To settle overdue payments of a pay-as-you-go instance, top up the account balance. • We recommend that you settle overdue payments within 15 days. Otherwise, service interruptions may occur. • After an overdue payment occurs, if you top up the account balance within the following 30 days (the Elastic IP address has not been released), the system automatically settles overdue payments. After overdue payments are settled, the Elastic IP address restores all services.

Billing method	Add to Internet shared bandwidth	Expiration and overdue payment	Renewal and balance top-up
Pay-as-you-go	Added to pay-as-you-go Internet shared bandwidth	If your Elastic IP address and the Internet shared bandwidth instance have an overdue payment (the bill is generated but the payment is not settled), you will receive notifications by email. • Within the following 15 days, the Elastic IP address and Internet shared bandwidth instance keep providing services as expected. • After 15 days, the Elastic IP address and Internet shared bandwidth instance stop running. In this case, the Internet shared bandwidth is reduced to 1 Kbit/s. The Elastic IP address remains attached to the Internet shared bandwidth instance. • If the overdue payment remains unsettled 15 days after the Elastic IP address and Internet shared bandwidth instance stop running, they are automatically released. One day before the Elastic IP address and Internet shared bandwidth instance are released, you will receive notifications by email. After they are released, relevant configurations and data are deleted permanently and cannot be restored.	To settle overdue payments of a pay-as-you-go instance, top up the account balance. • We recommend that you top up the account balance within 15 days. Otherwise, service interruptions may occur. • After an overdue payment occurs, if you top up the account balance within the following 30 days (the Elastic IP address and Internet shared bandwidth instance have not been released), the system automatically settles overdue payments. After overdue payments are settled, the Elastic IP address and Internet shared bandwidth instance restore all services. The Internet shared bandwidth is also rolled back to the previous configurations.

Billing method	Add to Internet shared bandwidth	Expiration and overdue payment	Renewal and balance top-up
	Added to subscription Internet shared bandwidth (Internet shared bandwidth is within its validity period)	If your Elastic IP address has an overdue payment (the bill is generated but the payment is not settled), you will receive notifications by email. • Within the following 15 days, the Elastic IP address keeps providing services as expected. • After 15 days, the Elastic IP address stops running. In this case, the Elastic IP address can still use Internet shared bandwidth and remains attached to the Internet shared bandwidth instance. The associated Internet shared bandwidth instance is not affected. • If the overdue payment remains unsettled 15 days after the Elastic IP address stops running, the Elastic IP address is released. The associated Internet shared bandwidth instance is not affected. One day before the Elastic IP address is released, you will receive notifications by email. After the Elastic IP address is released, relevant configurations and data are deleted permanently and cannot be restored.	To settle overdue payments of a pay-as-you-go instance, top up the account balance. • We recommend that you top up the account balance within 15 days. Otherwise, service interruptions may occur. • After an overdue payment occurs, if you top up the account balance within the following 30 days (the Elastic IP address has not been released), the system automatically settles overdue payments. After overdue payments are settled, the Elastic IP address restores all services.