

# **Bandwidth Package**

## **Best Practices**

### **Product Documentation**



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Accessing the Public Network by Using a Dedicated BGP IP

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## Accessing the Public Network by Using a Dedicated BGP IP

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The EIP using a dedicated BGP IP line reduces the network latency without detouring an international ISP.

### Note:

Currently only bill-by-IP accounts can use the dedicated BGP IPs, and bill-by-CVM accounts need to be upgraded before using these IPs. For details about upgrading, see [Checking Account Type](#).

Dedicated BGP IPs are available only in Hong Kong, China. For details about price, see [Product Pricing](#).

To try it out, please [submit a ticket](#).

## Directions

### Step 1. Create a dedicated BGP bandwidth package

To create an EIP using the dedicated BGP IP line, please create a dedicated BGP bandwidth package first.

1. Log in to the [VPC console](#) and click **Bandwidth Package** on the left sidebar.
2. At the top of the "Bandwidth Package" page, select the region "Hong Kong (China)", and click **Create** in the upper left corner.
3. In the "Create Bandwidth Package" window, enter a name, select the "Dedicated BGP" line type and billing mode, and click **OK**.

### Create Bandwidth Package


Name

Line Type  General BGP  Dedicated BGP

Billing Mode  Pay as you go - Top 5 Billing  
 Pay as you go - Monthly 95th Percentile

Billing Description Bill by the fifth highest bandwidth value collected per day. For details, please see [Billing Details](#).

Advanced Options ▶ Tag

Unit Price 

## Step 2. Create an EIP using the dedicated BGP IP line

Create an EIP using the dedicated BGP IP line, and add this EIP to the created dedicated BGP bandwidth package.

1. Log in to the [Public IP console](#).
2. At the top of the "Public IP" page, select the region "Hong Kong (China)", and click **Apply** in the upper left corner.
3. In the pop-up "Apply for EIP" window, configure the following parameters.

### Apply for EIP ✕

**IP address type**

**General BGP IP**  
General BGP IP, balancing the network quality and costs.

**Dedicated BGP IP**  
Dedicated BGP IP, reducing network latency without detouring an international ISP.

**Acceleration IP** Recommended  
Anycast Acceleration, making public network access more stable, reliable and low latency

**Region** Hong Kong, Macau and Taiwan (China) (Hong Kong, China)

**Billing Mode** ⓘ Bandwidth Package

**Bandwidth Package** 

↻
  
[Create Now](#) ↗

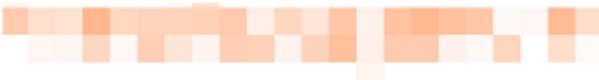
**Bandwidth Cap**


Limited  Unlimited

- + Mbps

**Amount** 
 - + 1/20

**Tag** ▼ Add

**Public network fee** 


**IP idle fees** 

  
 No IP idle fee will be incurred if the EIP is bound to a cloud resource.

OK
Cancel

Parameter	Description
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IP address type	Select the dedicated BGP IP.
Billing mode	Dedicated BGP IPs can be billed by bandwidth package only.
Bandwidth package	Select the bandwidth package created in <a href="#">Step 1</a> .
Bandwidth cap	Set the bandwidth cap as needed and allocate bandwidth resources reasonably.
Quantity	Select the quantity of EIPs to be applied as needed and ensure that it does not exceed the total product quota. For details, see <a href="#">Quota Limit</a> .
Name	EIP instance name (optional).
Tag	You can add a tag and use it for permission management.

### Step 3. Bind cloud resources

1. Log in to the [Public IP Console](#), and select the region "Hong Kong (China)".
2. Under the operation column to the right of the target EIP instance, select **More > Bind**.
3. In the pop-up "Bind resources" window, select the cloud resource to be bound, and click **OK**.

**Note:**

If the bill-by-IP CVM instance already contains a common public IP, release the common public IP first, and then bind it with the EIP.

The limit on the number of EIPs bound to CVM instances varies according to the CVM CPUs, as instructed in [Elastic IP](#).

### Bind resources

Please select the resource to be bound with the EIP (eip-dzdfjtjam)

CVM Instances    NAT Gateway    ENI    High Availability Virtual IP

Enter name, ID or private IP

	Instance ID/Name	Availability Zone	Private IP	Bound public I
<input type="radio"/>	[blurred]	[blurred]	[blurred]	[blurred]
<input checked="" type="radio"/>	[blurred]	Hong Kong [blurred]	1 [blurred]	-
<input type="radio"/>	[blurred]	[blurred]	[blurred]	[blurred]

4. In the pop-up confirmation window, click **OK**.