

Elastic Network Interface

FAQs

Product Documentation



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Billing

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What's the billing method of ENI?

ENI is free of charge. For pricing details of VPC, please see [VPC Billing & Pricing](#) for details.

Concepts

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What is an ENI?

An ENI is a virtual network interface. You can bind a CVM to an ENI for connecting to a network. An ENI is very useful for configuring management networks and developing highly reliable network solutions.

An ENI is VPC-, availability zone-, and subnet-specific, and can only be bound to a CVM that resides in the same availability zone as it does. A CVM can be bound with multiple ENIs. The number of ENIs allowed to be bound to a CVM depends on the specification of the CVM.

What are the differences between a primary ENI and a secondary ENI?

A primary ENI is assigned by the system to users, and its information cannot be modified.

A secondary ENI is created by users, and its information can be modified.

What are the use limits on ENI?

The number of ENIs that can be bound to a CVM and the number of private IP addresses that can be bound to each ENI are subject to the CPU and memory configurations of the CVM. For more information, see [Use Limitations](#).

What can I do if an EIP fails to be pinged?

Common causes for failing to ping through an EIP are as follows:

The EIP is not bound to any Tencent Cloud resource. For the binding method, see [Elastic Public IP](#).

The security policy is invalid. If this is the case, you can check whether the security policy ([Security Groups](#) or [Network ACL](#)) is valid.

Port access is disabled. If the Tencent Cloud resource that is bound to the EIP has a security policy that disables a port, the same port for the EIP is also inaccessible. For example: If the bound resource disables port 8080, port 8080 for the EIP is also inaccessible.

Features

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How do I bind a CVM?

You can log in to the [VPC console](#) to bind your CVM. For more information, see [Binding CVM](#).

How do I configure an ENI on the CVM?

After being bound in the console, the ENI needs to be configured on the CVM before it can be used. For more information, see [Binding and Configuring an ENI](#).

How do I assign private IPs?

You can log in to the [VPC console](#) to assign private IPs to an ENI that is bound to the CVM, and configure them to take effect. For more information, see [Requesting Secondary Private IPs](#).

How do I delete an ENI?

You can only delete the ENIs that are not bound to a CVM. For more information, see [Deleting an ENI](#).

How do I unbind an ENI from a CVM?

You can log in to the [VPC Console](#) to unbind the ENI from the CVM. For more information, see [Unbinding an ENI from a CVM](#).

How do I release private IPs?

You can only release secondary private IPs. For more information, see [Releasing Secondary Private IPs](#).

How do I bind EIPs?

You can log in to the [VPC console](#) to bind EIPs. For more information, see [Binding EIPs](#).

How do I unbind EIPs?

You can log in to the [VPC console](#) to unbind EIPs. For more information, see [Unbinding EIPs](#).

How do I modify primary private IPs?

You can modify the primary private IP of a CVM's primary ENI, but the primary private IP of a secondary ENI cannot be modified. For more information, see [Modifying Primary Private IPs](#).

How do I modify the subnet of an ENI?

You can only modify the subnet of the primary ENI. For more information, see [Modifying the Subnet of an ENI](#).

When I create an ENI and use it as the secondary ENI of a CVM, is the secondary ENI in the same subnet with the primary ENI of the instance?

The secondary ENI bound to a CVM instance can be in a different subnet with the primary ENI. However, the secondary ENI and the primary ENI must be under the same availability zone in the same VPC.