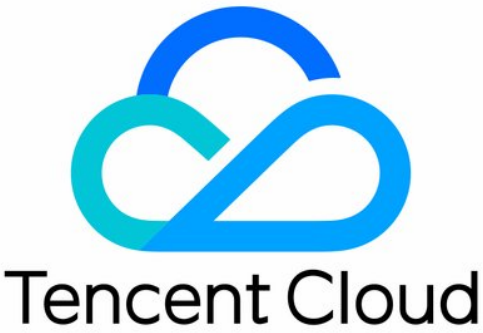
Elastic Network Interface

FAQs

Product Documentation



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FAQs

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.

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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.

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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.

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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.

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