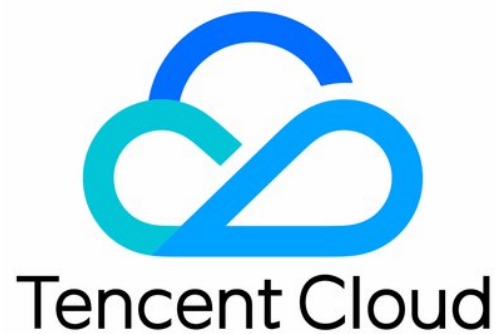


Elastic Network Interface

FAQs

Product Documentation



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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.

Features

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How do I bind a CVM?

You can log in to the [VPC Console](#) to bind a CVM. For more information, see the “Binding a CVM” section in [Binding and Configuring CVMs](#).

How do I configure a CVM?

An ENI that is bound to a CVM on the Console cannot be used until being configured in the CVM. For more information, see the “Configuring a CVM” section in [Binding and Configuring CVMs](#).

How do I assign private IPs?

You can log in to the [VPC Console](#) to assign a private IP to ENI of the CVM and complete the configuration on the CVM. For more information, see [Requesting Secondary Private IP Addresses](#).

How do I delete an ENI?

You can log in to the [VPC Console](#) to delete an ENI. For more information, see [Deleting an ENI](#).

How do I unbind a CVM?

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

How do I release private IPs?

You can log in to the [VPC Console](#) to release private IPs. For more information, see [Releasing Secondary Private IP Addresses](#).

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, please see [Unbinding EIPs](#).

How do I modify primary private IPs?

You can log in to the [VPC Console](#) to modify primary private IPs. For more information, see [Modifying Primary Private IPs](#).

How do I change the subnet of ENI?

You can log in to the [VPC Console](#) to change the subnet of ENI. For more information, see [Changing the Subnet of an ENI](#).

Do I have to bind a new secondary ENI to a CVM instance in the same subnet of primary ENI?

No. The secondary ENI and primary ENI may be in different subnets, but they must be in the same availability zone of one VPC.

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.