

# Private DNS

## Getting Started

### Product Documentation



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# Contents

## Getting Started

Activating Private DNS

Creating Private Domain

Deleting Private Domain

Modifying Associated VPC

# Getting Started

## Activating Private DNS

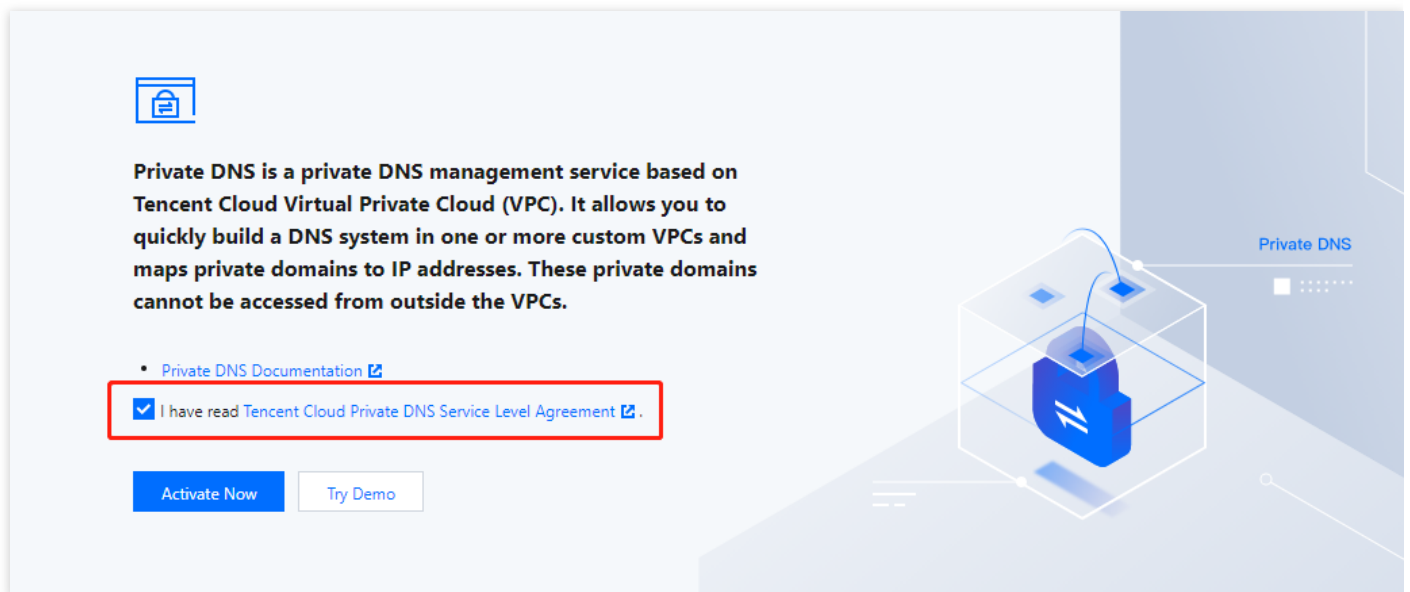
Last updated : 2022-01-28 12:11:13

### Overview

Private DNS is a pay-as-you-go service. To use it, you need to confirm the agreement and activate it first. This document describes how to activate and try out the Private DNS service.

### Activating Private DNS

1. Log in to the [Private DNS console](#).
2. On the Private DNS overview page, read the Private DNS Service Level Agreement and select **I have read Tencent Cloud Private DNS Service Level Agreement** as shown below:



3. Click **Activate Now**.

Note :

Key account customers can enjoy exclusive services. Please contact your sales rep or architect to activate the service.

## Trying out Private DNS

1. Log in to the [Private DNS console](#) to enter the **Overview** page.
2. After the Private DNS service is successfully activated, click **Demo** in the top-right corner to try it out as shown below:

The screenshot shows the 'Overview' page of the Private DNS console. At the top right, there are links for 'Feedback', 'User Community', 'WeChat Mini Program', 'Demo' (highlighted with a red box), and 'Help'. Below this is a 'Data Overview' section with four metrics: 'Private Domains' (1), 'Associated VPCs' (0), 'Queries' (0), and 'Remaining Traffic' (5000000). To the right is an 'FAQs' section with a 'View More' link and four links: 'Private DNS Introduction', 'Getting Started with Private DNS', 'Private DNS Operation Guide', and 'Private DNS Use Limits'.

## Exiting Demo

If you need to exit the demo, click **Exit** as shown below:

Note :

The demo only provides simulated data display and feature preview, while related features cannot be used.

You are viewing the Private DNS demo. [Exit](#)

This screenshot is similar to the previous one but includes a warning banner at the top: 'You are viewing the Private DNS demo. Exit' (where 'Exit' is highlighted with a red box). In the 'Data Overview' section, the metrics are: 'Private Domains' (12), 'Associated VPCs' (12), 'Queries' (10), and 'Remaining Traffic' (5000000). The 'Exit Demo' link is now visible in the top navigation bar.

# Creating Private Domain

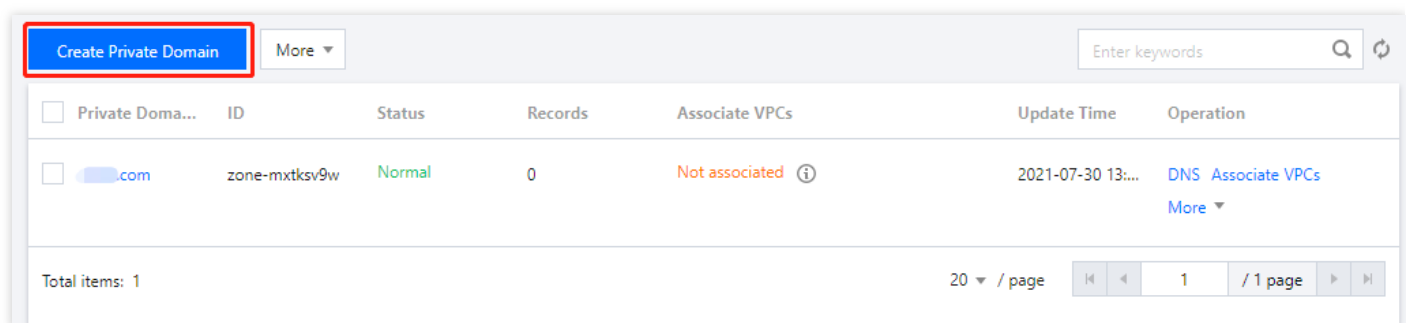
Last updated : 2023-08-28 10:27:57

## Overview

This document describes how to create a private domain in the Private DNS console.

## Directions

1. Log in to the [Private DNS console](#) and click **Private Domain List** on the left sidebar to enter the private domain list.
2. In the **Private Domain List**, click **Create Private Domain** as shown below:



3. On the **Create Private Domain** page, enter the private domain information as shown below:

Domain:   
Only supports domains that can be registered on the public network, that is, comply with IANA standards, such as domain.com

Associate VPCs

Select VPCs

South China (Guangzhou) | Enter an ID/name

<input type="checkbox"/>	ID/Name	Region
Loading...		

Selected (0)

No data yet.

If the existing VPCs do not meet your requirements, go to the [VPC console](#).

Tags (Optional)

Tag key | Tag value

+ Add

If you have not created any tag or the existing tags do not meet your requirements, go to the [Tag console](#) to create one.

Remarks (Optional)

Max 60 characters

Subdomain Recursive DNS  Disable  Enable

Confirm Cancel

- **Domain:** enter the custom private domain name you want to create, i.e., the private domain name you want to associate with and use in a VPC.

Note :

- You can only create standard TLD domain names that comply with the IANA specifications.
- After creating the private domain name, you need to set a DNS record for it and associate it with a VPC, and the record takes effect only in the associated VPC.

- **Associate VPCs:** select a VPC created in one of the regions currently supported by Private DNS for association. Private domain names with the same name cannot be associated with the same VPC.

Note :

- For a better experience, we recommend you create a private domain name and set a DNS record for it first before associating a VPC.
- If no VPCs are displayed in the currently selected region, please create one in the [VPC console](#).
- If existing VPCs cannot meet your needs, you can modify them in the [VPC console](#).

- **Tags:** select a tag, through which you can categorize, search for, and aggregate Tencent Cloud resources. For more information, please see [Product Overview](#).
- **Remarks:** enter the remarks of the private domain.
- **Subdomain Recursive DNS:** select an option as needed. This feature is **disabled** by default. For more information, please see [Subdomain Recursive DNS](#).

4. Click **Confirm** to create the private domain.

## Subsequent Operations

For a private domain that has DNS records added, the value of **Records** in the private domain list represents the number of DNS records of the private domain.

In the [Private DNS console](#), click the name of the "private domain" you need to resolve to enter the DNS records page, where you can add records for the private domain. For detailed directions, please see [Setting DNS Record](#).



# Deleting Private Domain

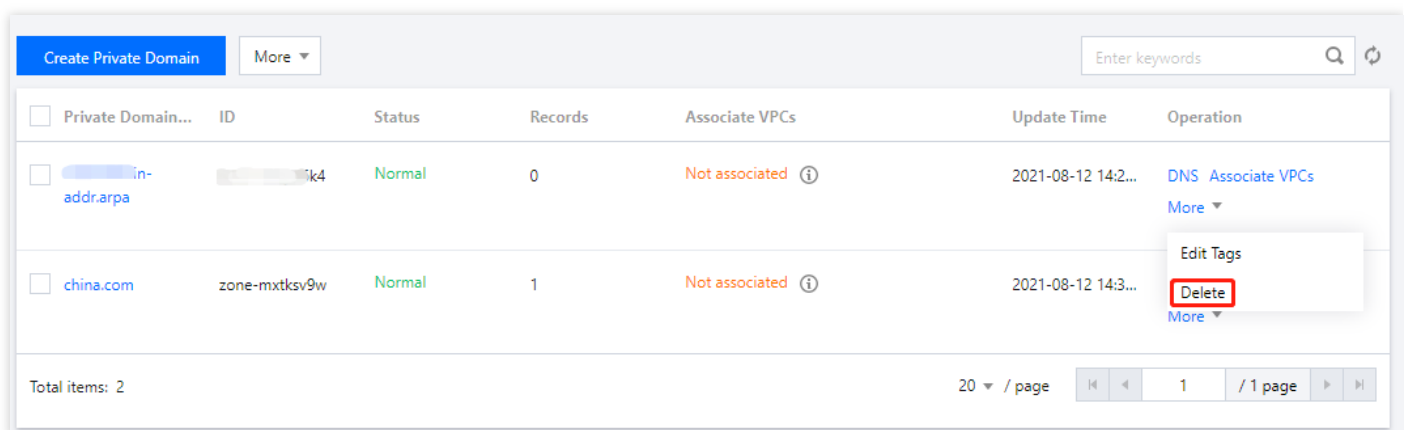
Last updated : 2022-01-28 12:11:13

## Overview

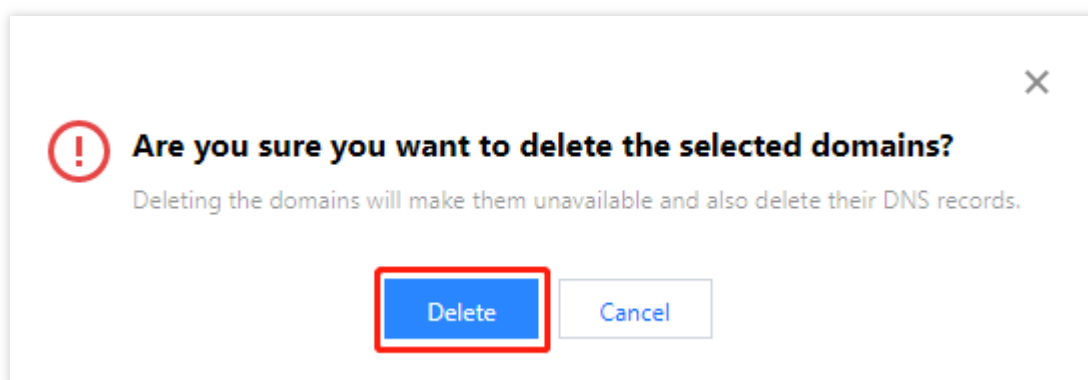
This document describes how to delete a private domain.

## Directions

1. Log in to the [Private DNS console](#) and click **Private Domain List** on the left sidebar to enter the private domain list.
2. In the **Private Domain List**, select the private domain to be deleted and click **More > Delete** as shown below:



3. In the pop-up window, click **Delete** as shown below:



Note :

- Note that deleting a private domain will also delete all its DNS records.
- When you delete a private domain that is associated with a VPC, you need to disassociate it from the VPC first before you can delete it.

# Modifying Associated VPC

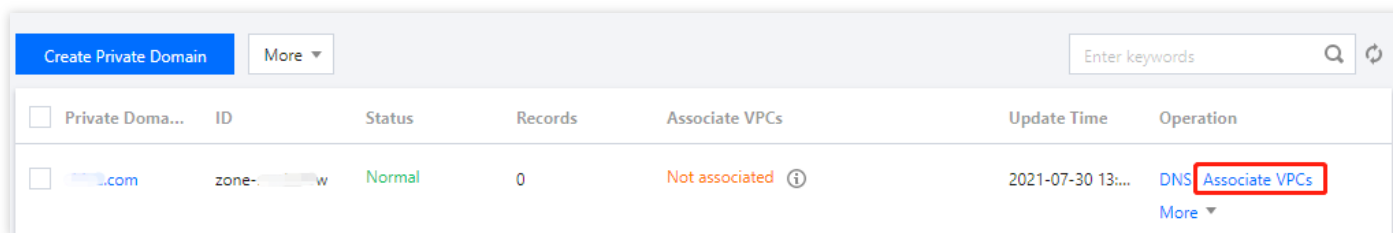
Last updated : 2022-01-28 12:11:13

## Overview

This document describes how to modify the VPC associated with a private domain.

## Directions

1. Log in to the [Private DNS console](#) and click **Private Domain List** on the left sidebar to enter the private domain list.
2. In the **Private Domain List**, select the private domain for which to modify the associated VPC and click **Associate VPCs** as shown below:



<input type="checkbox"/>	Private Doma...	ID	Status	Records	Associate VPCs	Update Time	Operation
<input type="checkbox"/>	...com	zone-...w	Normal	0	Not associated ⓘ	2021-07-30 13:...	DNS <b>Associate VPCs</b> More ▾

3. In the **Modify Associated VPCs** pop-up window, modify the associated VPCs according to your actual needs as shown below:


### Modify Associated VPCs ✕

**Select VPCs**

South China (Guangzhou) ▾ Enter an ID/name 🔍

<input type="checkbox"/>	ID/Name	Region
🔄 Loading...		

**Selected (0)**



No data yet.

If the existing VPCs do not meet your requirements, go to the [VPC console](#). 🔗

Save Cancel

Note :

- Private domains with the same name cannot be associated with the same VPC. If existing VPCs cannot meet your needs, you can modify them in the [VPC console](#).
- Even if you delete related VPC resources in the VPC console, you still need to manually disassociate them in the Private DNS console.

4. Click **Save** to complete the modification.