

Cloud Streaming Services Certificate Management Product Documentation



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Certificate Management

Last updated : 2021-07-30 11:15:14

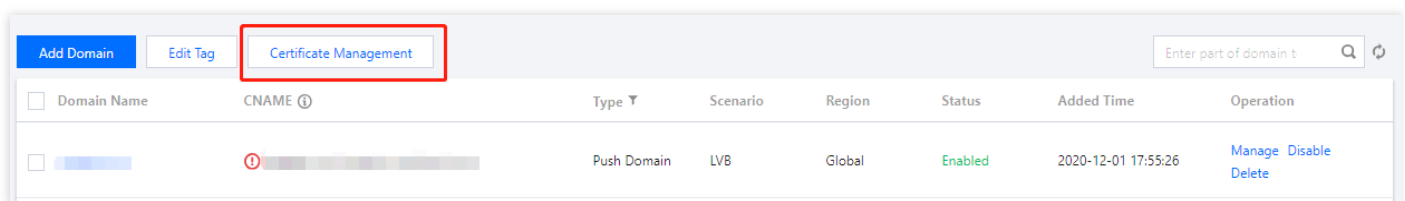
Normally, live streaming domain names use the Hypertext Transfer Protocol (HTTP). HTTP can be converted to Hyper Text Transfer Protocol over Secure Socket Layer (HTTPS) using SSL/TLS protocol for encrypted data transmission. You can go to **Certificate Management** to query and configure SSL certificates for domain names.

How to Configure

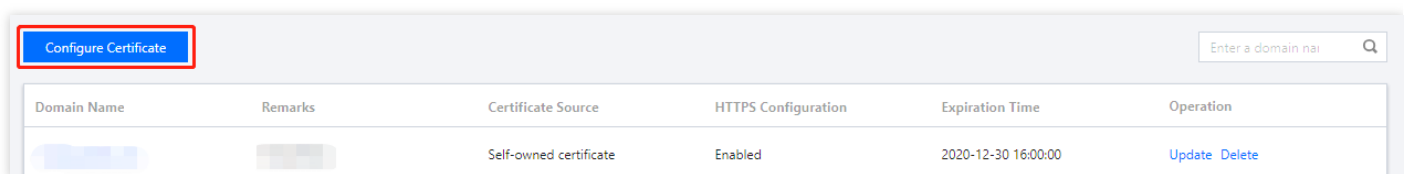
The purpose of configuring an SSL certificate for a domain name is to encrypt key user data for secure transmission. A Secure Sockets Layer (SSL) certificate allows a site to switch from HTTP to its SSL-based encrypted version, HTTPS.

Configuring Certificate

1. Go to **Domain Management** in the CSS console, and click **Certificate Management** to go to the certificate management page.



2. Click **Configure Certificate** to add a certificate configuration.



3. In the certificate configuration pop-up, select a certificate source:
 - **Self-owned certificate**: enter remarks, content, and key of this certificate. After the configuration is saved, the certificate info will be synced to **Certificate Management** in the SSL Certificate Service console. For details about how to set the certificate content and key, please

see [HTTPS Configuration](#).

Configure Certificate ✕

1 Upload Certificate > **2 Select domain name**

Certificate Source Self-owned certificate Tencent Cloud-hosted certificate

Remarks

Certificate content

[View Sample](#)

Key

[View Sample](#)

[Next](#)

- **Tencent Cloud-hosted certificate:** select a certificate you purchased in the SSL Certificate Service console.

Configure Certificate ×

1 Upload Certificate > **2 Select domain name**

Certificate Source Self-owned certificate Tencent Cloud-hosted certificate

SSL Certificate List

Next

4. After the certificate is confirmed to be available, click **Next** to enter the domain name configuration page.
5. In **Bind Domain Names**, select one or more playback domain names which match the certificate. If a selected domain name is already bound to a certificate, the new certificate will apply.
6. In **Selected**, you can view selected domain names and whether their HTTPS configuration is enabled.

Configure Certificate ×

✓ Upload Certificate > 2 Select domain name

Certificate Info

Domain Name

Expiration Time 2022-07-07 07:59:59

Bind Domain Names

Enter a domain name

<input checked="" type="checkbox"/>	Domain Name	Certificate e...	HTTPS Confi...
<input checked="" type="checkbox"/>	<input type="text"/>	2022-07-07 0...	Close

Press Shift to select multiple items

Selected (1)

Enable HTTPS Configuration

Domain Name	HTTPS Configuration
<input type="text"/>	Enable ✕

7. Choose whether to enable HTTPS Configuration for selected domain names:

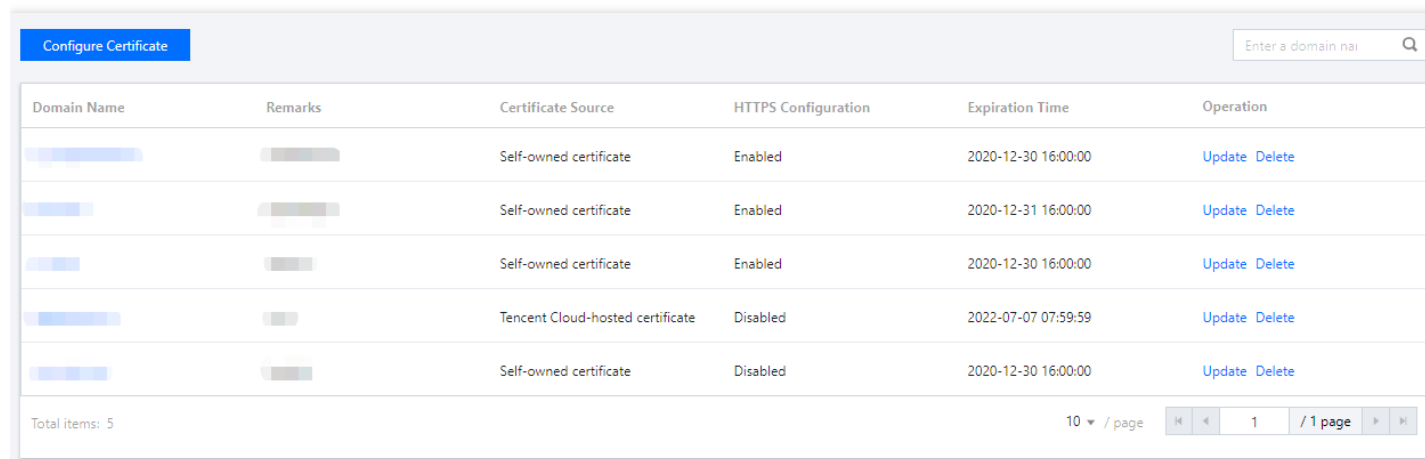
Note :

- Toggling **Enable HTTPS Configuration** on will enable HTTPS configuration for the domain names.
- **Enable HTTPS Configuration** is enabled by default. If you toggle this button off, the HTTPS configuration status of the domain names will not change after binding, with only their certificate updated.

8. Click **Confirm**.

Viewing Certificate Configuration

After you [configure a certificate](#), you can go to **Certificate Management** to view its configuration, including the domain name, remarks, source, HTTPS configuration, and expiration time.

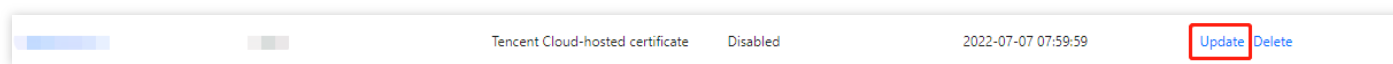


The screenshot shows the 'Configure Certificate' page in the Tencent Cloud console. It features a search bar at the top right with the placeholder text 'Enter a domain name'. Below the search bar is a table with the following columns: Domain Name, Remarks, Certificate Source, HTTPS Configuration, Expiration Time, and Operation. The table contains five rows of certificate data. The first four rows have 'Update' and 'Delete' links in the Operation column. The fifth row also has 'Update' and 'Delete' links. At the bottom left of the table, it says 'Total items: 5'. At the bottom right, there is a pagination control showing '10 / page' and a page number '1 / 1 page'.

Domain Name	Remarks	Certificate Source	HTTPS Configuration	Expiration Time	Operation
[Redacted]	[Redacted]	Self-owned certificate	Enabled	2020-12-30 16:00:00	Update Delete
[Redacted]	[Redacted]	Self-owned certificate	Enabled	2020-12-31 16:00:00	Update Delete
[Redacted]	[Redacted]	Self-owned certificate	Enabled	2020-12-30 16:00:00	Update Delete
[Redacted]	[Redacted]	Tencent Cloud-hosted certificate	Disabled	2022-07-07 07:59:59	Update Delete
[Redacted]	[Redacted]	Self-owned certificate	Disabled	2020-12-30 16:00:00	Update Delete

Updating Certificate Configuration

1. Go to **Certificate Management**, find the target certificate configuration in the list, and click **Update** on its right.



This is a close-up view of a single row from the certificate list. The row contains the following information: a domain name (redacted), a remark (redacted), 'Tencent Cloud-hosted certificate' as the source, 'Disabled' as the HTTPS configuration, and '2022-07-07 07:59:59' as the expiration time. In the 'Operation' column, the 'Update' link is highlighted with a red box.

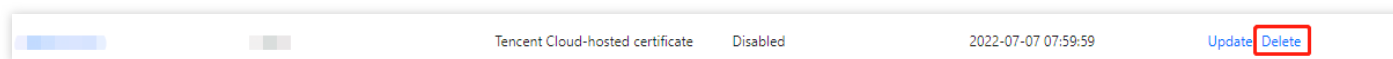
[Redacted]	[Redacted]	Tencent Cloud-hosted certificate	Disabled	2022-07-07 07:59:59	Update Delete
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2. On the certificate configuration page, [configure the certificate](#) again.

3. Click **Confirm**.

Deleting Certificate Configuration

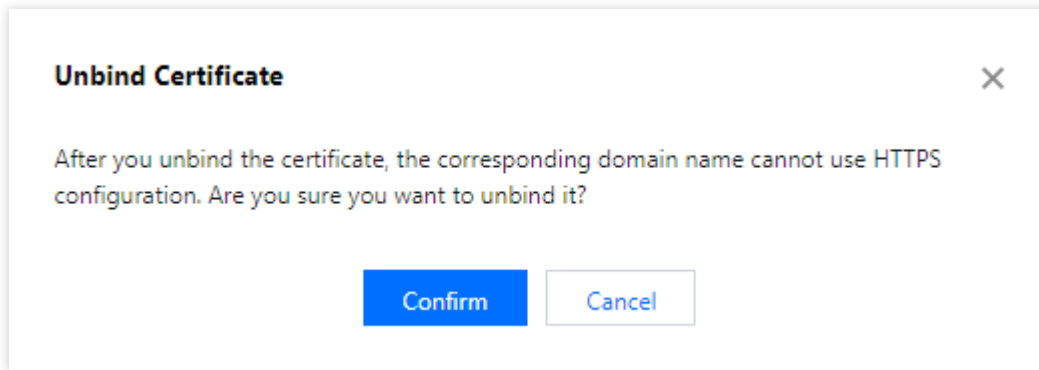
1. Go to **Certificate Management**, find the target certificate configuration in the list, and click **Delete** on its right.



This is a close-up view of a single row from the certificate list. The row contains the following information: a domain name (redacted), a remark (redacted), 'Tencent Cloud-hosted certificate' as the source, 'Disabled' as the HTTPS configuration, and '2022-07-07 07:59:59' as the expiration time. In the 'Operation' column, the 'Delete' link is highlighted with a red box.

[Redacted]	[Redacted]	Tencent Cloud-hosted certificate	Disabled	2022-07-07 07:59:59	Update Delete
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2. In the confirmation pop-up, click **Confirm**.



Note :

After unbinding the certificate, the domain names cannot use HTTPS configuration.