

# Alibaba Cloud

SSL证书（CA证书服务、数据安全）

產品簡介









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# Document conventions

Style	Description	Example
 <b>Danger</b>	A danger notice indicates a situation that will cause major system changes, faults, physical injuries, and other adverse results.	 <b>Danger:</b> Resetting will result in the loss of user configuration data.
 <b>Warning</b>	A warning notice indicates a situation that may cause major system changes, faults, physical injuries, and other adverse results.	 <b>Warning:</b> Restarting will cause business interruption. About 10 minutes are required to restart an instance.
 <b>Notice</b>	A caution notice indicates warning information, supplementary instructions, and other content that the user must understand.	 <b>Notice:</b> If the weight is set to 0, the server no longer receives new requests.
 <b>Note</b>	A note indicates supplemental instructions, best practices, tips, and other content.	 <b>Note:</b> You can use Ctrl + A to select all files.
>	Closing angle brackets are used to indicate a multi-level menu cascade.	Click <b>Settings&gt; Network&gt; Set network type</b> .
<b>Bold</b>	Bold formatting is used for buttons, menus, page names, and other UI elements.	Click <b>OK</b> .
<b>Courier font</b>	Courier font is used for commands	Run the <code>cd /d C:/window</code> command to enter the Windows system folder.
<i>Italic</i>	Italic formatting is used for parameters and variables.	<code>bae log list --instanceid</code> <i>Instance_ID</i>
[ ] or [a b]	This format is used for an optional value, where only one item can be selected.	<code>ipconfig [-all -t]</code>
{ } or {a b}	This format is used for a required value, where only one item can be selected.	<code>switch {active stand}</code>

# Table of Contents

1. 什麼是認證服務	05
2. 產品優勢	06
3. 應用情境	07
4. 功能特性	08

# 1. 什麼是認證服務

SSL認證服務（Alibaba Cloud SSL Certificates Service）由阿里雲聯合多家國內外知名CA認證廠商，在阿里雲平台上直接提供伺服器數位憑證；阿里雲使用者可以在雲平台上直接購買、甚至免費擷取所需類型的數位憑證，並一鍵部署在阿里雲產品中，以最小的成本實現將所持服務從HTTP轉換成HTTPS。

## 2. 產品優勢

雲盾認證服務具有簡潔、安全、和易用等優勢。

### 簡潔性

貼合阿里雲使用者購買習慣，提供簡潔的認證購買流程。

### 安全性

提供安全的認證和金鑰儲存區方案，免去尋找其他金鑰儲存區方案的煩惱。

### 易用性

和阿里雲產品聯通，實現一鍵部署數位憑證到阿里雲產品。

## 3. 應用情境

雲盾認證服務適用於網站和雲產品的HTTPS化。

### 情境一：使用者網站由HTTP轉變成HTTPS

阿里雲使用者需要將網站服務由HTTP轉變成HTTPS，可以通過阿里雲認證服務購買受信任CA認證中心頒發的數位憑證，然後部署在雲平台網站，將HTTP訪問轉換成HTTPS，提供認證加密功能。

### 情境二：在阿里雲CDN、Anti-DDoS Pro、WAF、SLB之後部署HTTPS

阿里雲使用者如果購買了CDN、Anti-DDoS Pro、WAF、或SLB服務，可以通過認證服務將購買的數位憑證一鍵部署在這些產品中，實現雲產品的HTTPS化。

## 4.功能特性

雲盾認證服務提供認證購買、一鍵部署、認證管理、憑證撤銷等功能。

- 購買認證：提供受信任CA認證中心頒發的數位憑證。經過CA認證中心審核認證後，頒發各等級的數位憑證。
- 一鍵部署：提供在雲平台上一鍵部署數位憑證到其他阿里雲產品的功能，協助您實現低成本部署數位憑證。
- 吊銷認證：按照標準的憑證撤銷流程，經過CA認證中心審核後，安全地吊銷伺服器數位憑證。

您可以通過雲盾認證服務控制台的我的認證列表查看您所擁有的認證詳細資料。

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