

Secrets Manager

Getting Started

Product Documentation



Copyright Notice

©2013-2019 Tencent Cloud. All rights reserved.

Copyright in this document is exclusively owned by Tencent Cloud. You must not reproduce, modify, copy or distribute in any way, in whole or in part, the contents of this document without Tencent Cloud's the prior written consent.

Trademark Notice



All trademarks associated with Tencent Cloud and its services are owned by Tencent Cloud Computing (Beijing) Company Limited and its affiliated companies. Trademarks of third parties referred to in this document are owned by their respective proprietors.

Service Statement

This document is intended to provide users with general information about Tencent Cloud's products and services only and does not form part of Tencent Cloud's terms and conditions. Tencent Cloud's products or services are subject to change. Specific products and services and the standards applicable to them are exclusively provided for in Tencent Cloud's applicable terms and conditions.

Getting Started

Last updated : 2021-09-28 10:13:20

You can use Secrets Manager (SSM) to centrally retrieve, manage, and store different types of secrets, including encrypted database credentials, API keys, other keys, and sensitive configuration. SSM enables you to effectively avoid plaintext leakage caused by hardcoding and business risks caused by out-of-control permissions.

Step 1. Register an account

Sign up for a Tencent Cloud account and complete the identity verification. For more information, please see [Signing up for a Tencent Cloud Account](#).

Step 2. Purchase SSM service


Go to the [SSM Purchase Page](#), read and select the relevant billing description, and then click **Activate Now**.

Step 3. Activate KMS and authorize SSM

- SSM uses KMS to store encrypted sensitive secrets. Therefore, before using SSM, ensure that [KMS](#) is activated.
- To ensure that you can use SSM normally, please grant service role permissions to SSM in KMS. You can go to [CAM](#) to authorize SSM.

To activate KMS and authorize SSM, you can perform the following steps:

1. Log in to the [SSM console](#) and click [CAM](#) in the instructions at the top of the page.

 Encrypted storage of sensitive credentials is implemented on KMS. To use SSM service, please grant SSM permissions for KMS. [Go to CAM](#).

2. On the **Service Authorization** page, click **Grant**.

Service Authorization

After you agree to grant permissions to **Secrets Manager**, a preset role will be created and relevant permissions will be granted to **Secrets Manager**

Role Name	SSM_QCSRole
Role Type	Service Role
Description	Current role is a Secrets Manager service role, which will access your other cloud service resources within the permissions of the associated policies.
Authorized Policies	Preset policy QcloudAccessForSSMRole ⓘ

3. Click **KMS** of the tip at the top of the console.
4. On the KMS activation page, click **Activate Now**.

Step 4. Mangep secrets in the console

After activation, you can manage secrets by enabling and saving to deleting in the SSM console, SDK or the command line interface (CLI).