

Chunghwa Telecom hicloud S3

Go SDK Developer Guide



目錄

Getting Started	2
hicloud S3 Account and Credentials	2
Go Development Environment	3
Code Sample	3



中華電信數據分公司

Getting Started

To get started with the hicloud S3 SDK for Go, you need to set up the following:

- ◆ hicloud S3 Account and Credentials
- ◆ Go Development Environment

hicloud S3 Account and Credentials

To access hicloud S3, you will need to sign up for a hicloud S3 account.

To sign up for a hicloud S3 account

1. Go to <https://userportal.hicloud.hinet.net/cloud/>
2. Follow the on-screen instructions.

When you sign up, hicloud S3 provides you with security credentials that are specific to your account. Two of these credentials, your access key ID and your secret key, are used by the SDK whenever it accesses to hicloud S3. The security credentials authenticate requests to the service and identify you as the sender of a request. The following examples show these credentials.

- ◆ Access Key ID Example:
U0U03U5UQXdNREI4TkRFek5UZ3hNek0yTURZd09EWJ0
- ◆ Secret Key Example:
WW1NNU9XVTNOLFF34kRNMk5DRTVaV0ZrTVRjMFpEVTFOV1kxWkRZeFIUT
T0

Your secret key must remain a secret that is known only by you and hicloud S3. Keep it confidential in order to protect your account. Store it securely in a safe place, and never email it. Do not share it outside your organization, even if an inquiry appears to come from hicloud S3. No one who legitimately represents hicloud S3 will ever ask you for your secret key.

Go Development Environment

The hicloud S3 SDK for Go requires Go 1.15+.

Code Sample

The SDK/sample folder includes hicloud S3 code sample. This sample demonstrates how to use the APIs for hicloud S3, such as putting and getting an object from hicloud S3.

◆ To execute sample code

1. Set up Go development environment
2. Fill up AccessKey and SecretKey information in SDK/sample/Client.go
3. Fill up bucketName/filePath information in SDK/sample/GoSerialTest.go
4. In **Command Prompt** (cmd.exe) , switch to SDK/sample
5. Enter 「go mod init mys3test」
6. Enter 「go get」 to download package dependencies
7. Enter 「go run *.go」 to start running sample code

中華電信數據分公司