

Chunghwa Telecom hicloud S3

PHP SDK Developer Guide



目錄

| | |
|--|----------|
| Getting Started | 2 |
| hicloud S3 Account and Credentials | 2 |
| PHP Development Environment | 3 |
| Get the hicloud S3 SDK for PHP | 3 |
| Code Sample | 3 |



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Getting Started

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

- ◆ hicloud S3 Account and Credentials
- ◆ PHP Development Environment
- ◆ hicloud S3 SDK for PHP

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 <http://hicloud.hinet.net/>
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.

PHP Development Environment

The hicloud S3 SDK for PHP requires PHP 5.4.16+ compiled with the cURL extension. A recent version of cURL 7.16.2+ compiled with OpenSSL and zlib.

Adapt php parameter 「date.timezone = Asia/Taipei」 in php.ini is recommended.

Get the hicloud S3 SDK for PHP

Download the hicloud S3 SDK for PHP from hicloud S3 (<http://hicloud.hinet.net/s3/resource.html>) or download the SDK from Amazon S3(<http://aws.amazon.com/cn/sdkforphp/>).

After downloading the SDK from hicloud S3, extract the contents into a folder.

hicloud S3 PHP SDK contains

Document

Including PHP SDK developer guide

Lib

Including hicloud S3 PHP SDK

Sample

Including hicloud S3 PHP SDK sample code

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 PHP development environment
2. Fill up AccessKey and SecretKey information in SDK/sample/sample/client.php

3. Execute **Command Prompt** (cmd.exe) and switch to SDK/sample
4. Enter 「php S3Sample.php」



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