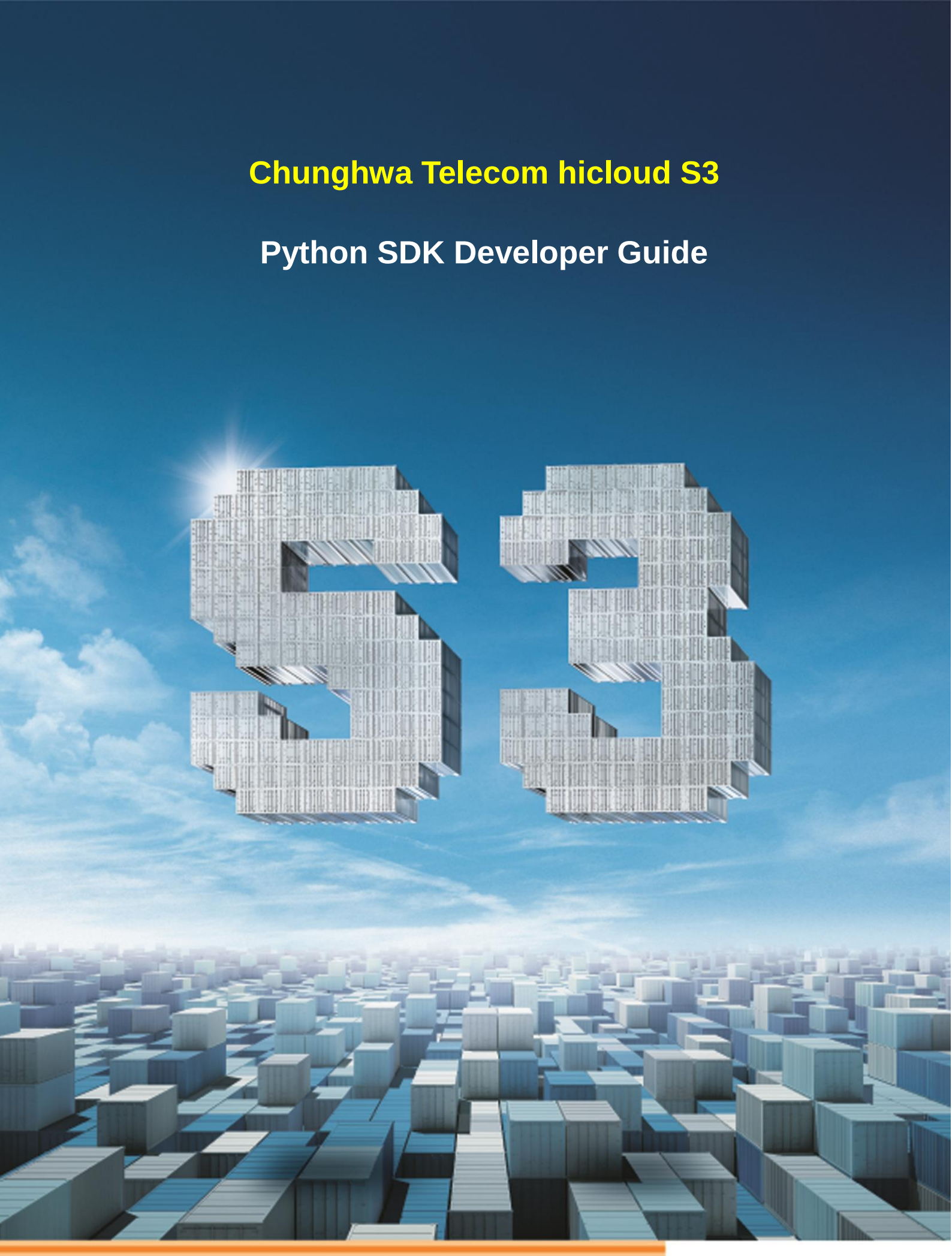
Chunghwa Telecom hicloud S3

Python SDK Developer Guide



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Getting Started

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

- hicloud S3 Account and Credentials
- Python Development Environment
- hicloud S3 SDK for Python(Boto)

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:
  WW1NNU9XVTNOLFF34kRNMk5DRTVaV0ZrTVRjMFpEVTFOV1kxWkRZeFlUTT0

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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.

Python Development Environment

The hicloud S3 SDK for Python requires Python 2.7+.

Get the hicloud S3 SDK for Python

Download the hicloud S3 SDK for Python from hicloud S3 (http://hicloud.hinet.net/s3/resource.html) or download the SDK from Amazon S3(http://aws.amazon.com/python/).

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

hicloud S3 Python SDK contains

Document
Including Python SDK developer guide
Lib
Including hicloud S3 Python SDK
Sample
Including hicloud S3 Python SDK sample code

Code Sample

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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 Python development environment
2. Execute **Command Prompt** (cmd.exe), and switch to SDK/lib/boto-develop folder

3. Enter 「python setup.py install」to install Python SDK(Boto)

4. Fill up AccessKey and SecretKey information in SDK/sample/client.py
5. In **Command Prompt** (cmd.exe) , switch to SDK/sample
6. Enter 「python S3Sample.py」

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