

Data Encryption Workshop

SDK Reference

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1 SDK Overview

This section describes the SDK language versions provided by the sub-services of Data Encryption Workshop (DEW), including Key Management Service (KMS), Key Pair Service (KPS), and Cloud Secret Management Service (CSMS). The links to the latest SDK versions are also provided.

Generating Code Online

API Explorer can dynamically generate SDK code that meets your requirements, simplifying SDK usage.

The API Explorer addresses of the three DEW subservices are as follows:

- [Key Management Service \(KMS\)](#)
- [Key Pair Service \(KPS\)](#)
- [Cloud Secret Management Service \(CSMS\)](#)

SDKs

You can check the SDK change history, obtain installation packages, and view guidance in GitHub. For details, see [Table 1-1](#), [Table 1-2](#), and [Table 1-3](#).

NOTE

If GitHub cannot be accessed, check whether you can access the public network.

Table 1-1 KMS SDK list

Programming Language	GitHub Address	User Guide	Installation Method
Java	huaweicloud-sdk-java-v3	Java SDK User Guide	Java SDK Installation Guide
Python	huaweicloud-sdk-python-v3	Python SDK User Guide	Python SDK Installation Guide
Go	huaweicloud-sdk-go-v3	Go SDK User Guide	Go SDK Installation Guide

Programming Language	GitHub Address	User Guide	Installation Method
.NET	huaweicloud-sdk-net-v3	.Net SDK User Guide	.NET SDK Installation Guide
NodeJs	huaweicloud-sdk-nodejs-v3	Node.js SDK User Guide	Node.js SDK Installation Guide
PHP	huaweicloud-sdk-php-v3	PHP SDK User Guide'	PHP SDK Installation Guide
C++	huaweicloud-sdk-cpp-v3	C++ SDK User Guide	C++ SDK Installation Guide

Table 1-2 KPS SDK list

Programming Languages	GitHub Address	User Guide	Installation Method
Java	huaweicloud-sdk-java-v3	Java SDK User Guide	Java SDK Installation Guide
Python	huaweicloud-sdk-python-v3	Python SDK User Guide	Python SDK Installation Guide
Go	huaweicloud-sdk-go-v3	Go SDK User Guide	Go SDK Installation Guide
.NET	huaweicloud-sdk-net-v3	.Net SDK User Guide	.NET SDK Installation Guide
NodeJs	huaweicloud-sdk-nodejs-v3	Node.js SDK User Guide	Node.js SDK Installation Guide
PHP	huaweicloud-sdk-php-v3	PHP SDK User Guide'	PHP SDK Installation Guide

Table 1-3 CSMS SDK list

Programming Languages	GitHub Address	User Guide	Installation Method
Java	huaweicloud-sdk-java-v3	Java SDK User Guide	Java SDK Installation Guide
Python	huaweicloud-sdk-python-v3	Python SDK User Guide	Python SDK Installation Guide

Programming Languages	GitHub Address	User Guide	Installation Method
Go	huaweicloud-sdk-go-v3	Go SDK User Guide	Go SDK Installation Guide
.NET	huaweicloud-sdk-net-v3	.Net SDK User Guide	.NET SDK Installation Guide
NodeJs	huaweicloud-sdk-nodejs-v3	Node.js SDK User Guide	Node.js SDK Installation Guide
PHP	huaweicloud-sdk-php-v3	PHP SDK User Guide	PHP SDK Installation Guide
C++	huaweicloud-sdk-cpp-v3	C++ SDK User Guide	C++ SDK Installation Guide