

# OSS-PHP-SDK v1

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### 3.1、生成访问链接

#### 一、安装

##### 1、源码安装

- 在GitHub中选择相应版本并下载打包好的zip文件。
- 解压后的根目录中包含一个autoload.php文件，在代码中引入此文件：

```
<?php
require_once '/path/to/oss-sdk/autoload.php';
```

##### 2、说明

- ① 配置文件(config.php)配置相应的配置选项;实例化对象，可以不需要传入相应参数，如果传入参数，以实例化时传参为准。
- ② 如果配置文件没有配置 OSS\_ACCESS\_ID、OSS\_ACCESS\_KEY、OSS\_ENDPOINT；实例对象的时候，需填入相应的值。如：

```
<? php
new OssClient("<yourAccessKeyId>","<yourAccessKeySecret>","
<yourEndPoint>");
```

#### 二、快速入门

##### 1、BUCKET操作

###### 1.1、新建bucket

```
<?php
/**
 * Test demo
 *
 * Creates bucket,The ACL of the bucket created by default is
OssClient::OSS_ACL_TYPE_PRIVATE
 * @param string $bucketname Your bucket name
 * @param string $acl The AccessKeySecret from OSS or STS
 */

if (is_file(__DIR__ . '/../.../autoload.php')) {
    require_once __DIR__ . '/../.../autoload.php';
}
if (is_file(__DIR__ . '/../.../pppcloud-oss-php-sdk/autoload.php')) {
    require_once __DIR__ . '/../.../pppcloud-oss-php-sdk/autoload.php';
}
```

```

}

use OSS\OssClient;

// $client = new OssClient("<yourAccessKeyId>", "<yourAccessKeySecret>", "<yourEndPoint>");
$client = new OssClient();

try {
    $re = $client->createBucket('<yourBucketName>', '<yourBucketAcl>');
} catch (Exception $e) {
    print("Exception:" . $e->getMessage() . "\n");
}
print_r($re);

```

## 1.2、删除bucket

```

<?php
/**
 * Test demo
 *
 * Deletes bucket
 * @param string $bucketname Your bucket name
 */

if (is_file(__DIR__ . '/../.../autoload.php')) {
    require_once __DIR__ . '/../.../autoload.php';
}
if (is_file(__DIR__ . '/../.../pppcloud-oss-php-sdk/autoload.php')) {
    require_once __DIR__ . '/../.../pppcloud-oss-php-sdk/autoload.php';
}

use OSS\OssClient;

// $client = new OssClient("<yourAccessKeyId>", "<yourAccessKeySecret>", "<yourEndPoint>");
$client = new OssClient();

try {
    $re = $client->deleteBucket('<yourBucketName>');
} catch (Exception $e) {
    print("Exception:" . $e->getMessage() . "\n");
}

print_r($re);

```

### 1.3、获取bucket

```
<?php
/**
 * Test demo
 *
 * Get the Meta information for the Bucket
 * @param string $bucketname Your bucket name
 */

if (is_file(__DIR__ . '/../.../autoload.php')) {
    require_once __DIR__ . '/../.../autoload.php';
}
if (is_file(__DIR__ . '/../.../pppcloud-oss-php-sdk/autoload.php')) {
    require_once __DIR__ . '/../.../pppcloud-oss-php-sdk/autoload.php';
}

use OSS\OssClient;

// $client = new OssClient("<yourAccessKeyId>", "<yourAccessKeySecret>", "<yourEndPoint>");
$client = new OssClient();

try {
    $re = $client->getBucketMeta('<yourBucketName>');
} catch (Exception $e) {
    print("Exception:" . $e->getMessage() . "\n");
}

print_r($re);
```

### 1.4、获取bucket acl

```
<?php
/**
 * Test demo
 *
 * Gets the bucket ACL
 * @param string $bucketname Your bucket name
 */

if (is_file(__DIR__ . '/../.../autoload.php')) {
    require_once __DIR__ . '/../.../autoload.php';
}
if (is_file(__DIR__ . '/../.../pppcloud-oss-php-sdk/autoload.php')) {
    require_once __DIR__ . '/../.../pppcloud-oss-php-sdk/autoload.php';
}
```

```
use OSS\OssClient;

// $client = new OssClient("<yourAccessKeyId>", "<yourAccessKeySecret>", "<yourEndPoint>");
$client = new OssClient();

try {
    $re = $client->getBucketAcl('<yourBucketName>');
} catch (Exception $e) {
    print("Exception:" . $e->getMessage() . "\n");
}

print_r($re);
```

### 1.5、更新bucket acl

```
<?php
/**
 * Test demo
 *
 * Sets the bucket ACL
 * @param string $bucketname Your bucket name
 * @param string $acl The AccessKeySecret from OSS or STS
 */

if (is_file(__DIR__ . '/../../../../../autoload.php')) {
    require_once __DIR__ . '/../../../../../autoload.php';
}
if (is_file(__DIR__ . '/../../../../../pppcloud-oss-php-sdk/autoload.php')) {
    require_once __DIR__ . '/../../../../../pppcloud-oss-php-sdk/autoload.php';
}

use OSS\OssClient;

// $client = new OssClient("<yourAccessKeyId>", "<yourAccessKeySecret>", "<yourEndPoint>");
$client = new OssClient();

try {
    $re = $client->putBucketAcl('<yourBucketName>', '<yourBucketAcl>');
} catch (Exception $e) {
    print("Exception:" . $e->getMessage() . "\n");
}

print_r($re);
```

## 1.6、获取bucket list

```
<?php
/**
 * Test demo
 *
 * Lists the Bucket
 */

if (is_file(__DIR__ . '/../.../autoload.php')) {
    require_once __DIR__ . '/../.../autoload.php';
}
if (is_file(__DIR__ . '/../.../pppcloud-oss-php-sdk/autoload.php')) {
    require_once __DIR__ . '/../.../pppcloud-oss-php-sdk/autoload.php';
}

use OSS\OssClient;

// $client = new OssClient("<yourAccessKeyId>", "<yourAccessKeySecret>", "<yourEndPoint>");
$client = new OssClient();

try {
    $re = $client->listBuckets();
} catch (Exception $e) {
    print("Exception:" . $e->getMessage() . "\n");
}

print_r($re);
```

## 1.7、检测bucket是否存在

```
<?php
/**
 * Test demo
 *
 * Checks if a bucket exists
 * @param string $bucketname Your bucket name
 */

if (is_file(__DIR__ . '/../.../autoload.php')) {
    require_once __DIR__ . '/../.../autoload.php';
}
if (is_file(__DIR__ . '/../.../pppcloud-oss-php-sdk/autoload.php')) {
    require_once __DIR__ . '/../.../pppcloud-oss-php-sdk/autoload.php';
}

use OSS\OssClient;
```

```
// $client = new OssClient("<yourAccessKeyId>", "<yourAccessKeySecret>", "<yourEndPoint>");
$client = new OssClient();

try {
    $re = $client->doesBucketExist('<yourBucketName>');
} catch (Exception $e) {
    print("Exception:" . $e->getMessage() . "\n");
}

var_dump($re);
```

## 2、OBJECT操作

### 2.1、根据内容上传文件

```
<?php
/**
 * Test demo
 *
 * Uploads the $content object to OSS.
 * @param string $bucketname Your bucket name
 * @param string $object object name
 * @param string $acl The AccessKeySecret from OSS or STS
 */

if (is_file(__DIR__ . '/../.../autoload.php')) {
    require_once __DIR__ . '/../.../autoload.php';
}
if (is_file(__DIR__ . '/../.../pppcloud-oss-php-sdk/autoload.php')) {
    require_once __DIR__ . '/../.../pppcloud-oss-php-sdk/autoload.php';
}

use OSS\OssClient;

// $client = new OssClient("<yourAccessKeyId>", "<yourAccessKeySecret>", "<yourEndPoint>");
$client = new OssClient();

try {
    $re = $client->putObject('<yourBucketName>',
        '<yourObjectName>', '<yourContent>', '<yourObjectAcl>');
} catch (Exception $e) {
    print("Exception:" . $e->getMessage() . "\n");
}

print_r($re);
```

### 2.2、根据路径上传文件

如果上传大文件，你需要再php.ini或代码里设置 ini\_set 参数，使它足够大。

```
<?php
/**
 * Test demo
 *
 * Uploads the $content object to OSS.
 * @param string $bucketname Your bucket name
 * @param string $object object name
 * @param string $acl The AccessKeySecret from OSS or STS
 */

// ini_set('memory_limit','2048M');

if (is_file(__DIR__ . '/../.../autoload.php')) {
    require_once __DIR__ . '/../.../autoload.php';
}
if (is_file(__DIR__ . '/../.../pppcloud-oss-php-sdk/autoload.php')) {
    require_once __DIR__ . '/../.../pppcloud-oss-php-sdk/autoload.php';
}

use OSS\OssClient;

// $client = new OssClient("<yourAccessKeyId>","<yourAccessKeySecret>","<yourEndPoint>");
$client = new OssClient();

try {
    $re = $client->uploadFile('<yourBucketName>', '<yourObjectName>',
    '<yourDownloadPath>', '<yourObjectAcl>');
} catch (Exception $e) {
    print("Exception:" . $e->getMessage() . "\n");
}

print_r($re);
```

### 2.3、删除object

```
<?php
/**
 * Test demo
 *
 * Deletes a object
 * @param string $bucketname Your bucket name
 * @param string $object object name
 */

if (is_file(__DIR__ . '/../.../autoload.php')) {
    require_once __DIR__ . '/../.../autoload.php';
}
```



```

if (is_file(__DIR__ . '/../.../pppcloud-oss-php-sdk/autoload.php')) {
    require_once __DIR__ . '/../.../pppcloud-oss-php-sdk/autoload.php';
}

use OSS\OssClient;

// $client = new OssClient("<yourAccessKeyId>","<yourAccessKeySecret>","<yourEndPoint>");
$client = new OssClient();

try {
    $re = $client->deleteObject('<yourBucketName>', '<yourObjectName>');

} catch (Exception $e) {
    print("Exception:" . $e->getMessage() . "\n");
}

print_r($re);

```

## 2.4、批量删除object

```

<?php
/**
 * Test demo
 *
 * deltete bucket
 * @param string $bucketname Your bucket name
 */

if (is_file(__DIR__ . '/../.../autoload.php')) {
    require_once __DIR__ . '/../.../autoload.php';
}
if (is_file(__DIR__ . '/../.../pppcloud-oss-php-sdk/autoload.php')) {
    require_once __DIR__ . '/../.../pppcloud-oss-php-sdk/autoload.php';
}

use OSS\OssClient;

// $client = new OssClient("<yourAccessKeyId>","<yourAccessKeySecret>","<yourEndPoint>");
$client = new OssClient();

try {
    $re = $client->
deleteObjects('<yourBucketName>',array('<yourObjectName1>','<yourObjectName2>'));
} catch (Exception $e) {
    print("Exception:" . $e->getMessage() . "\n");
}

print_r($re);

```

## 2.5、获取object

```
<?php
/**
 * Test demo
 *
 * get object meta data
 * @param string $bucketname Your bucket name
 * @param string $object object name
 */

if (is_file(__DIR__ . '/../../../../../autoload.php')) {
    require_once __DIR__ . '/../../../../../autoload.php';
}
if (is_file(__DIR__ . '/../../../../../pppcloud-oss-php-sdk/autoload.php')) {
    require_once __DIR__ . '/../../../../../pppcloud-oss-php-sdk/autoload.php';
}

use OSS\OssClient;

// $client = new OssClient("<yourAccessKeyId>", "<yourAccessKeySecret>", "<yourEndPoint>");
$client = new OssClient();

try {
    $re = $client->getObjectMeta('<yourBucketName>', '<yourObjectName>');
} catch (Exception $e) {
    print("Exception:" . $e->getMessage() . "\n");
}

print_r($re);
```

## 2.6、下载object

配置文件配置文件下载路径, **OSS\_FILE\_DOWNLOAD**

```
<?php
/**
 * Test demo
 *
 * get object data
 * @param string $bucketname Your bucket name
 * @param string $object object name
 */

if (is_file(__DIR__ . '/../../../../../autoload.php')) {
    require_once __DIR__ . '/../../../../../autoload.php';
}
```

```

}
if (is_file(__DIR__ . '/../../../../../pppcloud-oss-php-sdk/autoload.php')) {
    require_once __DIR__ . '/../../../../../pppcloud-oss-php-sdk/autoload.php';
}

use OSS\OssClient;

// $client = new OssClient("<yourAccessKeyId>","<yourAccessKeySecret>","<yourEndPoint>");
$client = new OssClient();

try {
    $re = $client->getObject('<yourBucketName>', '<yourObjectName>');
} catch (Exception $e) {
    print("Exception:" . $e->getMessage() . "\n");
}

print_r($re);

```

## 2.7、获取object acl

```

<?php
/**
 * Test demo
 *
 * get bucket's object acl permissions
 * @param string $bucketname Your bucket name
 */

if (is_file(__DIR__ . '/../../../../../autoload.php')) {
    require_once __DIR__ . '/../../../../../autoload.php';
}
if (is_file(__DIR__ . '/../../../../../pppcloud-oss-php-sdk/autoload.php')) {
    require_once __DIR__ . '/../../../../../pppcloud-oss-php-sdk/autoload.php';
}

use OSS\OssClient;

// $client = new OssClient("<yourAccessKeyId>","<yourAccessKeySecret>","<yourEndPoint>");
$client = new OssClient();

try {
    $re = $client->getObjectAcl('<yourBucketName>', '<yourObjectName>');
} catch (Exception $e) {
    print("Exception:" . $e->getMessage() . "\n");
}

print_r($re);

```

## 2.8、更新object acl

```
<?php
/**
 * Test demo
 *
 * update bucket's object acl permissions
 * @param string $bucketname Your bucket name
 * @param string $object object name
 * @param string $acl The AccessKeySecret from OSS or STS
 */

if (is_file(__DIR__ . '/../.../autoload.php')) {
    require_once __DIR__ . '/../.../autoload.php';
}
if (is_file(__DIR__ . '/../.../pppcloud-oss-php-sdk/autoload.php')) {
    require_once __DIR__ . '/../.../pppcloud-oss-php-sdk/autoload.php';
}

use OSS\OssClient;

// $client = new OssClient("<yourAccessKeyId>", "<yourAccessKeySecret>", "<yourEndPoint>");
$client = new OssClient();

try {
    $re = $client->putObjectAcl('<yourBucketName>', '<yourObjectName>', '<yourObjectAcl>');
} catch (Exception $e) {
    print("Exception:" . $e->getMessage() . "\n");
}

print_r($re);
```

## 2.9、检测object是否存在

```
<?php
/**
 * Test demo
 *
 * Checks if the object exists
 * @param string $bucketname Your bucket name
 */

if (is_file(__DIR__ . '/../.../autoload.php')) {
    require_once __DIR__ . '/../.../autoload.php';
}
if (is_file(__DIR__ . '/../.../pppcloud-oss-php-sdk/autoload.php')) {
```

```

    require_once __DIR__ . '/../.../.../pppcloud-oss-php-sdk/autoload.php';
}

use OSS\OssClient;

// $client = new OssClient("<yourAccessKeyId>", "<yourAccessKeySecret>", "<yourEndPoint>");
$client = new OssClient();

try {
    $re = $client->doesObjectExist('<yourBucketName>', '<yourObjectName>');
} catch (Exception $e) {
    print("Exception:" . $e->getMessage() . "\n");
}

var_dump($re);

```

### 3、生成访问链接

timeout 默认 60秒

#### 3.1、生成访问链接

```

<?php
/**
 * Test demo
 *
 * Generates the signed pushing streaming url.
 * @param string $bucketname Your bucket name
 * @param string $object object name
 * @param string $acl The AccessKeySecret from OSS or STS
 */

if (is_file(__DIR__ . '/../.../.../autoload.php')) {
    require_once __DIR__ . '/../.../.../autoload.php';
}
if (is_file(__DIR__ . '/../.../.../pppcloud-oss-php-sdk/autoload.php')) {
    require_once __DIR__ . '/../.../.../pppcloud-oss-php-sdk/autoload.php';
}

use OSS\OssClient;

// $client = new OssClient("<yourAccessKeyId>", "<yourAccessKeySecret>", "<yourEndPoint>");
$client = new OssClient();

try {
    $re = $client->signRtmpUrl('<yourBucketName>', '<yourObjectName>', '<timeout>');

```

```
} catch (Exception $e) {  
    print("Exception:" . $e->getMessage() . "\n");  
}  
  
print_r($re);
```