

CodeArts PerfTest

API Reference

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1 Before You Start

1.1 Overview

CodeArts PerfTest provides performance test services for cloud applications that are built based on HTTP, HTTPS, TCP, UDP, HLS, RTMP, WebSocket, MQTT, or HTTP-FLV. CodeArts PerfTest quickly simulates service peaks with a large number of concurrent users. It allows you to define the contents and time sequences of packets and supports complex combinations of multiple transactions. After tests are complete, CodeArts PerfTest provides professional test reports to evaluate your service quality.

This document describes how to use application programming interfaces (APIs) to perform operations on CodeArts PerfTest, such as creating, deleting, and querying a project. For details about all supported operations, see [API Overview](#).

1.2 API Calling

CodeArts PerfTest supports Representational State Transfer (REST) APIs, allowing you to call APIs using HTTPS. For details about API calling, see [Calling APIs](#).

1.3 Endpoints

An endpoint is the request address for calling an API. Endpoints vary depending on services and regions.

1.4 Constraints

For details, see the description of each API.

1.5 Concepts

- Account
An account is created upon successful registration with the cloud platform. The account has full access permissions for all of its cloud services and

resources. It can be used to reset user passwords and grant user permissions. The account is a payment entity and should not be used directly to perform routine management. For security purposes, create Identity and Access Management (IAM) users and grant them permissions for routine management.

- User

An IAM user is created using an account to use cloud services. Each IAM user has its own identity credentials (password and access keys).

An IAM user can view the account ID and user ID on the [My Credentials](#) page of the console. The account name, username, and password will be required for API authentication.

- Region

Regions are divided based on geographical location and network latency. Public services, such as Elastic Cloud Server (ECS), Elastic Volume Service (EVS), Object Storage Service (OBS), Virtual Private Cloud (VPC), Elastic IP (EIP), and Image Management Service (IMS), are shared within the same region. Regions are classified into universal regions and dedicated regions. A universal region provides universal cloud services for common tenants. A dedicated region provides specific services for specific tenants.

For details, see [Region and AZ](#).

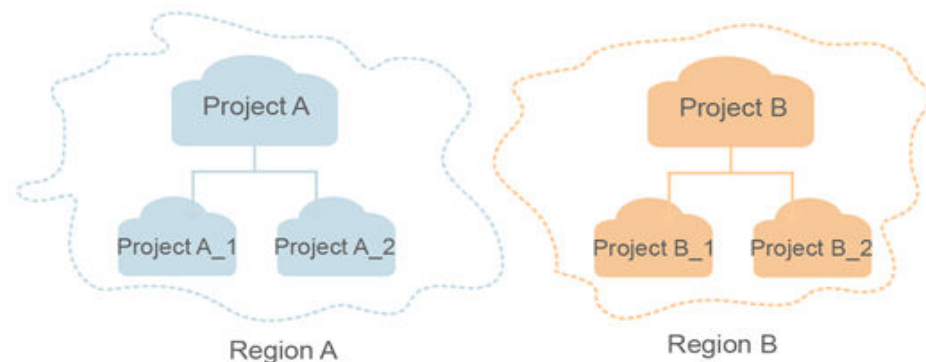
- Availability Zone (AZ)

An AZ contains one or more physical data centers. Each AZ has independent cooling, fire extinguishing, moisture-proof, and electricity facilities. Within an AZ, computing, network, storage, and other resources are logically divided into multiple clusters. AZs within a region are interconnected using high-speed optical fibers to support cross-AZ high-availability systems.

- Project

Projects group and isolate resources (including compute, storage, and network resources) across physical regions. A default project is provided for each region, and subprojects can be created under each default project. Users can be granted permissions to access all resources in a specific project. For more refined access control, create subprojects under a project and purchase resources in the subprojects. Users can then be assigned permissions to access only specific resources in the subprojects. For details about how to check the project ID, see [Obtaining a Project ID](#).

Figure 1-1 Project isolating model



- Enterprise project

Enterprise projects group and manage resources across regions. Resources in enterprise projects are logically isolated. An enterprise project can contain resources in multiple regions, and resources can be added to or removed from enterprise projects.

For more information about enterprise projects and how to obtain enterprise project IDs, see the [Enterprise Management User Guide](#).

2 API Overview

Category	API	Description
Project Management	Querying a Project Set	This API is used to query project set pagination data by project ID.
	Creating a Project	This API is used to add a project object.
	Querying a Project	This API is used to query project data by test project ID.
	Modifying a Project	This API is used to update project data by condition.
	Deleting a Project	This API is used to delete project data by test project ID.
	Querying the Import Progress	This API is used to query the progress of importing a project by condition.
Task Management	Querying a Task Set	This API is used to query task set pagination data by test project ID.
	Querying a Task	This API is used to query task data by task ID.
	Modifying a Task	This API is used to update task data by condition.
	Deleting a Task	This API is used to delete task data by task ID.
	Creating a Task	This API is used to add task data.
	Updating Task Status	This API is used to update task status by condition, for example, starting or stopping a task.

Category	API	Description
	Modifying the Case Associated with the Task	Modify the case associated with the task by task ID.
Case Management	Creating a Case	This API is used to add case data.
	Deleting a Case	This API is used to delete case data by case ID.
	Modifying a Case	This API is used to update case data based on conditions.
	Debugging a Case	This API is used to debug cases by test project ID, task ID, case ID, and resource group information.
Global Variable Management	Querying a Global Variable	This API is used to query the global variable list by condition.
	Creating a Variable	This API is used to add global variable data.
	Modifying a Variable	This API is used to update global variable data based on conditions.
	Deleting a Global Variable	This API is used to delete a global variable by variable ID.
Transaction Management	Querying a Transaction Set	This API is used to query transaction pagination data by test project ID.
	Creating a Transaction	This API is used to add transaction data.
	Querying a Transaction	This API is used to query transaction data by transaction ID.
	Modifying a Transaction	This API is used to update transaction data based on conditions.
	Deleting a Transaction	This API is used to delete case data by transaction ID.
Report Management	Querying a Report	This API is used to query the report list by condition.
	Querying the Offline Report List of a PerfTest Task	This API is used to query the offline report list by task ID.

3 Calling APIs

3.1 Making an API Request

This section describes the structure of a REST API request, and uses the IAM API for **obtaining a user token** as an example to demonstrate how to call an API to obtain a user token. The obtained token can then be used to authenticate the calling of other APIs.

Request URI

A request URI is in the following format:

{URI-scheme} :// {Endpoint} / {resource-path} ? {query-string}

Although a request URI is included in the request header, most programming languages or frameworks require the request URI to be transmitted separately.

- **URI-scheme:** Protocol used to transmit requests. All APIs use HTTPS.
- **Endpoint:** Domain name or IP address of the server bearing the REST service. The endpoint varies between services in different regions. It can be obtained from [Regions and Endpoints](#).
- **resource-path:** Access path of an API for performing a specified operation. Obtain the path from the URI of an API. For example, the **resource-path** of the API used to obtain a user token is **/v3/auth/tokens**.
- **query-string:** Query parameter, which is optional. Ensure that a question mark (?) is included before each query parameter that is in the format of "*Parameter name=Parameter value*". For example, **? limit=10** indicates that a maximum of 10 data records will be displayed.

For example, you have obtained the IAM endpoint (**iam.xxx.com**) of a region and found **resource-path (/v3/auth/tokens)** in the URI of the API that is used to obtain a user token. The following is an example:

```
https://iam.xxx.com/v3/auth/tokens
```

 NOTE

To simplify the URI display, each API is provided only with **resource-path** and a request method, because **URI-scheme** of all APIs is **HTTPS**, and **Endpoint** of all APIs in the same region are identical.

Request Methods

The HTTP protocol defines the following request methods that can be used to send a request to the server:

- **GET**: requests the server to return specified resources.
- **PUT**: requests the server to update specified resources.
- **POST**: requests the server to add resources or perform special operations.
- **DELETE**: requests the server to delete specified resources, for example, an object.
- **HEAD**: same as **GET** except that the server must return only the response header.
- **PATCH**: requests the server to update partial content of a specified resource. If the resource does not exist, a new resource will be created.

For example, in the case of the API used to **obtain a user token**, the request method is **POST**. The request is as follows:

```
POST https://iam.xxx.com/v3/auth/tokens
```

Request Header

You can also add additional header fields to a request, such as the fields required by a specified URI or HTTP method. For example, to request for the authentication information, add **Content-Type**, which specifies the request body type.

Table 3-1 describes common request headers.

Table 3-1 Common request header fields

Parameter	Description	Mandatory	Example Value
Content-Type	Multipurpose Internet Mail Extensions (MIME) type of a request body. Its default value is application/json . Other values of this field will be provided for specific APIs if any.	Yes	application/json

Parameter	Description	Mandatory	Example Value
X-Project-Id	Project ID. Obtain the project ID by following the instructions in Obtaining a Project ID .	No This field is mandatory for requests that use AK/SK authentication in the Dedicated Cloud (DeC) scenario or multi-project scenario.	e9993fc787d***** ***aa340f9c0f4
X-Auth-Token	User token. The user token is a response to the API used to obtain a user token . This API is the only one that does not require authentication. After a response is returned, the value of X-Subject-Token in the response header is the token value.	No This field is mandatory for token authentication.	The following is part of an example token: MIIPAgYJKoZlhvc-NAQcCo...ggg1BBI INPXsidG9rZ

The API used to [obtain a user token](#) does not require authentication. Therefore, only the **Content-Type** field needs to be added to requests for calling the API. An example of such requests is as follows:

```
POST https://iam.xxx.com/v3/auth/tokens
Content-Type: application/json
```

Request Body

The body of a request is often sent in a structured format as specified in the **Content-Type** header field. The request body transfers content except the request header.

The request body varies between APIs. Some APIs do not require the request body, such as the APIs requested using the **GET** and **DELETE** methods.

In the case of the API used to [obtain a user token](#), the request parameters and parameter description can be obtained from the API request. The following provides an example request with a body included. Replace *username*, *domainname*, ******* (login password), and *xxxxxxxxxx* (project ID) with the actual values. To learn how to obtain a project ID, see [Obtaining a Project ID](#).

```
POST https://iam.xxx.com/v3/auth/tokens
Content-Type: application/json
```

```
{
  "auth": {
    "identity": {
```

```
    "methods": [
      "password"
    ],
    "password": {
      "user": {
        "name": "username",
        "password": "*****#",
        "domain": {
          "name": "domainname"
        }
      }
    },
    "scope": {
      "project": {
        "id": "XXXXXXXXXXXXXXXXXXXX"
      }
    }
  }
}
```

If all data required for the API request is available, you can send the request to call the API through [curl](#), [Postman](#), or coding. In the response to the API used to [obtain a user token](#), **x-subject-token** is the desired user token. This token can then be used to authenticate the calling of other APIs.

3.2 Authentication

Requests for calling an API can be authenticated using either of the following method:

Token-based authentication: Requests are authenticated using a token.

Token-based Authentication

NOTE

The validity period of a token is 24 hours. When using a token for authentication, cache it to prevent frequently calling the IAM API used to obtain a user token.

Ensure that the token is valid while you use it. Using a token that will soon expire may cause API calling failures.

A token specifies temporary permissions in a computer system. During API authentication using a token, the token is added to requests to get permissions for calling the API.

When calling an API to [obtain a user token](#), you must set **auth.scope** in the request body to **project**.

```
{
  "auth": {
    "identity": {
      "methods": [
        "password"
      ],
      "password": {
        "user": {
          "name": "username",
          "password": "*****#",
          "domain": {
            "name": "domainname"
          }
        }
      }
    }
  }
}
```

```
    }  
  },  
  "scope": {  
    "project": {  
      "name": "xxxxxxxxx"  
    }  
  }  
}
```

After a token is obtained, the **X-Auth-Token** header field must be added to requests to specify the token when calling other APIs. For example, if the token is **ABCDEFJ....**, **X-Auth-Token: ABCDEFJ....** can be added to a request as follows:

```
GET https://iam.xxx.com/v3/auth/tokens  
Content-Type: application/json  
X-Auth-Token: ABCDEFJ....
```

3.3 Response

Status Code

After sending a request, you will receive a response, including a status code, response header, and response body.

A status code is a group of digits, ranging from 1xx to 5xx. It indicates the status of a request. For more information, see [Status Codes](#).

For example, if status code **201** is returned for calling the API used to [obtain a user token](#), the request is successful.

Response Header

Similar to a request, a response also has a header, for example, **Content-Type**.

[Figure 3-1](#) shows the response header fields for the API used to [obtain a user token](#). The **x-subject-token** header field is the desired user token. This token can then be used to authenticate the calling of other APIs.

Figure 3-1 Header fields of the response to the request for obtaining a user token

```
connection → keep-alive
content-type → application/json
date → Tue, 12 Feb 2019 06:52:13 GMT
server → Web Server
strict-transport-security → max-age=31536000; includeSubdomains;
transfer-encoding → chunked
via → proxy A
x-content-type-options → nosniff
x-download-options → noopen
x-frame-options → SAMEORIGIN
x-iam-trace-id → 218d45ab-d674-4995-af3a-2d0255ba41b5
x-subject-token → MIYXQYJKoZlIhvcNAQcColIYtJCCGEoCAQExDTALBglghkgBZQMEAgEwgharBgkqhkiG9w0BBwGgghac8IIWmHsidG9rZW4iOnsiZXhwaXUlc19hdCI6IjwMTktMDItMTNUMC
fj3Kjs6YgKnpVNRbW2eZ5eb78SZOkqjACgklqO1wi4JIGzrpd18LGXK5tldfq4lqHCYb8P4NaY0NYejcAgzIVeFYtLWT1GSO0zxKZmlQHqj82HBqHdgjZO9fueBl5dMhdaj+33wEI
xHRCE9I87o+k9-
j+CMZSEB7bUGd5Uj6eRASXl1jipPEGA270g1Fruool6jggfFKNPQuFSOU8+uSsttVvRtNfsc+qTp22Rkd5MCqFGQ8LcuUxC3a+9CMBnOintWW7oeRUvhVpxk8pxiX1wTEboX-
RzT6MUbvpGw-oPNFYxJECKnoH3HRozv0vN--n5d6Nbxg==
x-xss-protection → 1; mode=block;
```

Response Body

The body of a response is often returned in structured format as specified in the **Content-Type** header field. The response body transfers content except the response header.

The following is part of the response body for the API used to **obtain a user token**.

```
{
  "token": {
    "expires_at": "2019-02-13T06:52:13.855000Z",
    "methods": [
      "password"
    ],
    "catalog": [
      {
        "endpoints": [
          {
            "region_id": "az-01",
            .....

```

If an error occurs during API calling, an error code and a message will be displayed. The following shows an error response body.

```
{
  "error_msg": "The format of message is error",
  "error_code": "AS.0001"
}
```

In the response body, **error_code** is an error code, and **error_msg** provides the information about the error.

4 API

4.1 PerfTest Project Management

4.1.1 Querying a Project Set

Function

This API is used to query a project set.

URI

GET /v1/{project_id}/test-suites

Table 4-1 Path Parameters

Parameter	Mandatory	Type	Description
project_id	Yes	String	Project ID. For details, see Obtaining a Project ID . Minimum: 0 Maximum: 64

Table 4-2 Query Parameters

Parameter	Mandatory	Type	Description
offset	No	Integer	Query offset. Minimum: 0 Maximum: 2147483647

Parameter	Mandatory	Type	Description
limit	No	Integer	Number of queried records. Minimum: 0 Maximum: 2147483647

Request Parameters

None

Response Parameters

Status code: 200

Table 4-3 Response body parameters

Parameter	Type	Description
code	String	Status code. Minimum: 0 Maximum: 128
message	String	Message. Minimum: 0 Maximum: 1000
projects	Array of ProjectsSet objects	Project set details. Array Length: 0 - 1000

Table 4-4 ProjectsSet

Parameter	Type	Description
CreateTime	String	Creation time.
UpdateTime	String	Update time.
description	String	Description. Minimum: 0 Maximum: 1000
id	Integer	Project ID. Minimum: 0 Maximum: 2147483647

Parameter	Type	Description
name	String	Project name. Minimum: 0 Maximum: 64
source	Integer	Project source. 0 : PerfTest; 2 : CloudTest. Minimum: 0 Maximum: 2147483647
external_params	Object	External parameter.
variables_no_file	Array of strings	File variable.

Example Requests

Querying the project list.

```
/v1/{project_id}/test-suites&offset=1&limit=10
```

Example Responses

Status code: 200

success

```
{  
  "code" : "CPTS.00000000",  
  "message" : "success",  
  "projects" : [ {  
    "id" : 1,  
    "name" : "name",  
    "description" : "description",  
    "variables_no_file" : [ ],  
    "CreateTime" : "2021-07-12T14:41:51+08:00",  
    "UpdateTime" : "2021-07-12T14:41:51+08:00",  
    "source" : 0,  
    "external_params" : { }  
  } ]  
}
```

Status Codes

Status Code	Description
200	success
501	unknown error

Error Codes

See [Error Codes](#).

4.1.2 Creating a Project

Function

This API is used to create a project.

URI

POST /v1/{project_id}/test-suites

Table 4-5 Path Parameters

Parameter	Mandatory	Type	Description
project_id	Yes	String	Project ID. For details, see Obtaining a Project ID . Minimum: 0 Maximum: 64

Request Parameters

Table 4-6 Request body parameters

Parameter	Mandatory	Type	Description
name	Yes	String	Name. Minimum: 1 Maximum: 42
description	No	String	Description. Minimum: 0 Maximum: 50

Response Parameters

Status code: 201

Table 4-7 Response body parameters

Parameter	Type	Description
code	String	Response code. Minimum: 0 Maximum: 1024
message	String	Response message. Minimum: 0 Maximum: 1024
project_id	Integer	Project ID. Minimum: 0 Maximum: 2147483647

Example Requests

Creating a PerfTest project. The project name is **createProjectTest** and project description is **description**.

```
/v1/projectId/test-suites
{
  "name" : "createProjectTest",
  "description" : "description"
}
```

Example Responses

Status code: 201

success

```
{
  "code" : "SVCSTG.CPTS.0000000",
  "message" : "success",
  "project_id" : 123632
}
```

Status Codes

Status Code	Description
201	success
501	unknown error

Error Codes

See [Error Codes](#).

4.1.3 Querying a Project

Function

This API is used to query a project.

URI

GET /v1/{project_id}/test-suites/{test_suite_id}

Table 4-8 Path Parameters

Parameter	Mandatory	Type	Description
project_id	Yes	String	Project ID. For details, see Obtaining a Project ID . Minimum: 0 Maximum: 64
test_suite_id	Yes	Integer	Test project ID. Minimum: 0 Maximum: 2147483647

Request Parameters

None

Response Parameters

Status code: 200

Table 4-9 Response body parameters

Parameter	Type	Description
code	String	Response code. Minimum: 0 Maximum: 1024
message	String	Response message. Minimum: 0 Maximum: 1024
project	Project object	Project information.

Table 4-10 Project

Parameter	Type	Description
create_time	String	Creation time. Minimum: 0 Maximum: 1024
description	String	Description. Minimum: 0 Maximum: 1024
group	String	Tenant ID (domain_id). Minimum: 0 Maximum: 1024
id	Integer	Project ID. Minimum: 0 Maximum: 2147483647
name	String	Project name. Minimum: 0 Maximum: 1024
source	Integer	Source (0 : PerfTest; 2 : CloudTest). Minimum: 0 Maximum: 2147483647
update_time	String	Update time. Minimum: 0 Maximum: 1024

Example Requests

Querying the information about the PerfTest project whose ID is **test_suite_id**.

```
/v1/{project_id}/test-suites/{test_suite_id}
```

Example Responses

Status code: 200

success

```
{  
  "code" : "SVCSTG.CPTS.0000000",  
  "message" : "success",  
  "project" : {  
    "create_time" : "2022-01-18T15:20:42.373585+08:00",  
    "description" : "",  
    "group" : "e061922ca2684c1e9c761df238826261",  
    "id" : 122025,  
    "name" : "Project name",
```

```
"source" : 0,  
"update_time" : "2022-01-20T14:11:21.719585+08:00"  
}
```

Status Codes

Status Code	Description
200	success
501	unknown error

Error Codes

See [Error Codes](#).

4.1.4 Modifying a Project

Function

This API is used to modify a project.

URI

PUT /v1/{project_id}/test-suites/{test_suite_id}

Table 4-11 Path Parameters

Parameter	Mandatory	Type	Description
project_id	Yes	String	Project ID. For details, see Obtaining a Project ID . Minimum: 0 Maximum: 64
test_suite_id	Yes	Integer	Test project ID. Minimum: 0 Maximum: 2147483647

Request Parameters

Table 4-12 Request body parameters

Parameter	Mandatory	Type	Description
id	Yes	Integer	Project ID. Minimum: 0 Maximum: 2147483647
name	Yes	String	Project name. Minimum: 1 Maximum: 42
description	No	String	Project description. Minimum: 0 Maximum: 1024
variables_no_file	No	Array of strings	Variables that are missing during project import but exist in the variable file. Array Length: 0 - 1024
source	No	Integer	Source (0 : PerfTest; 2 : CloudTest). Minimum: 0 Maximum: 2147483647
external_params	No	Object	Extension parameter.

Response Parameters

None

Example Requests

Modifying the project whose ID is 1: Change the project name to **ProjectTest** and project description to **description**.

```
/v1/{project_id}/test-suites/1
{
  "id" : 1,
  "name" : "ProjectTest",
  "description" : "description",
  "variables_no_file" : [ ],
  "source" : 0,
  "external_params" : { }
}
```


Example Responses

None

Status Codes

Status Code	Description
200	success
501	unknown error

Error Codes

See [Error Codes](#).

4.1.5 Deleting a Project

Function

This API is used to delete a project.

URI

DELETE /v1/{project_id}/test-suites/{test_suite_id}

Table 4-13 Path Parameters

Parameter	Mandatory	Type	Description
project_id	Yes	String	Project ID. For details, see Obtaining a Project ID . Minimum: 0 Maximum: 64
test_suite_id	Yes	Integer	Test project ID. Minimum: 0 Maximum: 2147483647

Request Parameters

None

Response Parameters

None

Example Requests

Deleting the PerfTest project whose ID is 1.

```
/v1/projectId/test-suites/1
```

Example Responses

None

Status Codes

Status Code	Description
204	success
501	unknown error

Error Codes

See [Error Codes](#).

4.1.6 Querying the Import Progress

Function

This API is used to query the import progress.

URI

```
GET /v1/{project_id}/test-suites/upload/processes
```

Table 4-14 Path Parameters

Parameter	Mandatory	Type	Description
project_id	Yes	String	Project ID. For details, see Obtaining a Project ID . Minimum: 0 Maximum: 64

Request Parameters

None

Response Parameters

Status code: 200

Table 4-15 Response body parameters

Parameter	Type	Description
code	String	Response code. Minimum: 0 Maximum: 1024
message	String	Response message. Minimum: 0 Maximum: 1024
json	UploadProcessJson object	Response content.
extend	String	Extension information. Minimum: 0 Maximum: 1024

Table 4-16 UploadProcessJson

Parameter	Type	Description
details	Array of UploadProcessJsonDetail objects	Project import progress details. Array Length: 0 - 1024
process_status	Integer	Total status (0 : being imported; 1 : imported). Minimum: 0 Maximum: 2147483647

Table 4-17 UploadProcessJsonDetail

Parameter	Type	Description
id	Integer	Import progress ID. Minimum: 0 Maximum: 2147483647
name	String	Project name. Minimum: 0 Maximum: 1024

Parameter	Type	Description
status	Integer	Import status (0: importing; 1: successful; 2: failed). Minimum: 0 Maximum: 2147483647
cause	String	Failure cause. Minimum: 0 Maximum: 1024

Example Requests

Querying the progress of importing a project.

```
/v1/{project_id}/test-suites/upload/processes
```

Example Responses

Status code: 200

success

```
{
  "code" : "SVCSTG.CPTS.0000000",
  "message" : "success",
  "json" : {
    "details" : [ {
      "id" : 0,
      "name" : "Project name",
      "status" : 1,
      "cause" : ""
    } ],
    "process_status" : 1
  },
  "extend" : null
}
```

Status Codes

Status Code	Description
200	success
501	unknown error

Error Codes

See [Error Codes](#).

4.2 Task Management

4.2.1 Querying a Task Set

Function

This API is used to query a task set.

URI

GET /v1/{project_id}/all-tasks/{test_suite_id}

Table 4-18 Path Parameters

Parameter	Mandatory	Type	Description
project_id	Yes	String	Project ID. For details, see Obtaining a Project ID . Minimum: 0 Maximum: 64
test_suite_id	Yes	Integer	Test project ID. Minimum: 0 Maximum: 2147483647

Table 4-19 Query Parameters

Parameter	Mandatory	Type	Description
offset	No	Integer	Query offset. Minimum: 0 Maximum: 2147483647
limit	No	Integer	Number of queried records. Minimum: 0 Maximum: 2147483647

Request Parameters

None

Response Parameters

Status code: 200

Table 4-20 Response body parameters

Parameter	Type	Description
code	String	Response code. Minimum: 0 Maximum: 1024
extend	Array of strings	Extension information. Minimum: 0 Maximum: 1024 Array Length: 0 - 1024
message	String	Response message. Minimum: 0 Maximum: 1024
tasks	Array of Task objects	Project set details. Array Length: 0 - 1000

Table 4-21 Task

Parameter	Type	Description
bench_concurrent	Integer	Benchmark concurrency. Minimum: 0 Maximum: 2147483647
description	String	Description. Minimum: 0 Maximum: 1024
id	Integer	Task ID. Minimum: 0 Maximum: 2147483647
name	String	Task name. Minimum: 0 Maximum: 1024
operate_mode	Integer	Task pressure test model. Minimum: 0 Maximum: 2147483647
task_run_info	TaskRunInfo object	Task running information.

Parameter	Type	Description
update_time	String	Update time. Minimum: 0 Maximum: 1024
parallel	Boolean	Whether test cases are executed in parallel between tasks.

Table 4-22 TaskRunInfo

Parameter	Type	Description
id	Integer	Task ID. Minimum: 0 Maximum: 2147483647
run_type	Integer	Task type (0 : old edition task; 1 : new edition task). Minimum: 0 Maximum: 2147483647

Example Requests

Querying the task set associated with the project whose ID is **1**.

```
/v1/{project_id}/all-tasks/1
```

Example Responses

Status code: 200

success

```
{
  "code" : "SVCSTG.CPTS.0000000",
  "extend" : [],
  "message" : "success",
  "tasks" : [ {
    "bench_concurrent" : 100,
    "description" : "",
    "id" : 52631,
    "name" : "task1",
    "operate_mode" : 2,
    "parallel" : true,
    "task_run_info" : {
      "id" : 0,
      "run_type" : 0
    },
    "update_time" : "2022-01-05T11:16:08.415954+08:00"
  }, {
    "bench_concurrent" : 100,
    "description" : "",
    "id" : 52621,
    "name" : "task2",
```

```
"operate_mode" : 2,  
"parallel" : true,  
"task_run_info" : {  
  "id" : 0,  
  "run_type" : 0  
},  
"update_time" : "2021-12-31T15:43:53.014385+08:00"  
}]  
}
```

Status Codes

Status Code	Description
200	success
501	unknown error

Error Codes

See [Error Codes](#).

4.2.2 Querying a Task (Old Edition)

Function

This API is used to query a task on the old UI.

URI

GET /v1/{project_id}/tasks/{task_id}

Table 4-23 Path Parameters

Parameter	Mandatory	Type	Description
project_id	Yes	String	Project ID. For details, see Obtaining a Project ID . Minimum: 0 Maximum: 64
task_id	Yes	Integer	Task ID. Minimum: 0 Maximum: 2147483647

Request Parameters

None

Response Parameters

Status code: 200

Table 4-24 Response body parameters

Parameter	Type	Description
code	String	Response code. Minimum: 0 Maximum: 1024
message	String	Response message. Minimum: 0 Maximum: 1024
taskInfo	TaskInfo object	Task details.

Table 4-25 TaskInfo

Parameter	Type	Description
bench_concurrent	Integer	Benchmark concurrency. Minimum: 0 Maximum: 2147483647
case_list	Array of CaseInfoDetail objects	Case ID list. Array Length: 0 - 1000
create_time	String	Creation time.
description	String	Description. Minimum: 0 Maximum: 1024
name	String	Task name. Minimum: 0 Maximum: 1024
operate_mode	Integer	Task mode (0 : by duration; 1 : by count; 2 : both). Minimum: 0 Maximum: 2147483647
project_id	Integer	ID of the project to which the task belongs. Minimum: 0 Maximum: 2147483647

Parameter	Type	Description
related_temp_running_data	Array of RelatedTempRunningData objects	Brief information about the latest running report, including the running task ID, that is, the task_run_info_id of the object. ID of a running case, that is, related_temp_running_id of the object. Array Length: 0 - 1024
run_status	Integer	Task running status (9 : waiting to run; 0 : running; 1 : paused; 2 : ended; 3 : stopped abnormally; 4 : stopped by the user (completed); 5 : stopped by the user). Minimum: 0 Maximum: 2147483647
update_time	String	Time when a task is updated. Minimum: 0 Maximum: 1024
parallel	Boolean	Whether cases are executed in parallel between tasks.

Table 4-26 CaseInfoDetail

Parameter	Type	Description
case_id	Integer	Case ID. Minimum: 0 Maximum: 2147483647
name	String	Case name. Minimum: 0 Maximum: 1024
case_type	Integer	Case type (0 : normal case). Minimum: 0 Maximum: 2147483647
contents	Array of Contents objects	Case script information. Array Length: 0 - 1024
for_loop_params	Array of objects	Logic controller field of the old edition. This parameter is not used in the current edition. Array Length: 0 - 10240
increase_setting	Array of objects	Gradient increment. Array Length: 0 - 10240

Parameter	Type	Description
stages	Array of TestCaseStage objects	Phase information. Array Length: 0 - 1024
status	Integer	Status (0 : deleted; 1 : enabled; 2 : disabled). Minimum: 0 Maximum: 2147483647
temp_id	Integer	Case ID. Minimum: 0 Maximum: 2147483647
sort	Integer	Sorting field.
directory_id	Integer	Directory ID of the case. This parameter is optional for APIs of earlier versions. Minimum: 0 Maximum: 2147483647
setup_contents	Array of Contents objects	Preparations.
user_replicas	Integer	Actuators. Minimum: 0 Maximum: 2147483647
collect_log_policy	Integer	Log collection policy (0 : request mode; 1 : case mode). Minimum: 0 Maximum: 32
link_app_list	Array of integers	Associated full-link application list.
case_info	CaseDoc object	Text case information.

Table 4-27 TestCaseStage

Parameter	Type	Description
operate_mode	Integer	Pressure phase mode (0 : by duration; 1 : by count).
name	String	Phase name.
time	Integer	Duration, in seconds.

Parameter	Type	Description
start_time	Integer	Start time.
end_time	Integer	End time.
issue_num	Integer	Maximum concurrency.
count	Integer	Total transmission times.
pressure_mode	Integer	Pressure mode (0 : concurrent mode; 1 : TPS mode; 2 : high pressure mode; 3 : surge concurrency mode; 4 : surge TPS mode; 5 : flapping concurrency mode; 6 : flapping TPS mode; 7 : intelligent high pressure mode).
tps_value	Integer	TPS value in TPS mode.
current_user_num	Integer	Start concurrency.
current_tps	Integer	Start TPS value.
voltage_regulating_mode	Integer	Pressure adjustment mode (0 : automated; 1 : manual).
maximum	Integer	Maximum concurrency in the surge mode.
minimum	Integer	Minimum concurrency in the surge mode.
loop_count	Integer	Oscillation/surge times.
max_duration	Integer	Peak duration in the surge mode.
ramp_up	Integer	Ramp up (in seconds) in the peakload mode.
peak_load_kpis	StageKpiItem object	Expected KPI.
step_duration	Integer	Single-step execution duration in the intelligent peakload mode.
step_size	Integer	Increase concurrency in the intelligent peakload mode.

Table 4-28 StageKpiItems

Parameter	Type	Description
average_response_time	StageKpiItem object	Average response time.
success_rate	StageKpiItem object	Success rate.

Table 4-29 StageKpiltem

Parameter	Type	Description
comparison	String	Comparison operator.
value	Integer	Comparison value.

Table 4-30 Contents

Parameter	Type	Description
content_id	Integer	Transaction ID. If the transaction ID is not 0 , the card is a transaction. If it is 0 , the card is not a transaction. Minimum: 0 Maximum: 2147483647
content	Array of Content objects	Content. Array Length: 0 - 1000
index	Integer	Sorting index. Minimum: 0 Maximum: 2147483647
selected_temp_name	String	Name of the selected transaction or case. Minimum: 0 Maximum: 40960
data	Object	Data to which the loop and condition controller apply.
data_type	Integer	Type (0 : default request; 1 : data instruction; 201 : cycle instruction; 202 : condition instruction; 301 : rendezvous point). Minimum: 0 Maximum: 2147483647
conditions	Object	If the type is 202 (condition instruction), this field configures the condition.
is_disabled	Boolean	Whether to disable the AW.

Table 4-31 Content

Parameter	Type	Description
content_type	Integer	Case card type (1 : think time; 2 : packet; 3 : checkpoint; 4 : variable extraction). Minimum: 0 Maximum: 2147483647
content	ContentInfo object	Content.

Table 4-32 ContentInfo

Parameter	Type	Description
body_type	Integer	Body type (0 : string; 1 : form-data format; 3 : x-www-form-urlencoded format). Minimum: 0 Maximum: 2147483647
bodys	Array of objects	bodys
check_end_length	Object	Length of the data returned through TCP/UDP.
check_end_str	Object	End character returned through TCP/UDP.
check_end_type	Object	End type (1 : data length; 2 : end character) returned through TCP/UDP.
connect_timeout	Integer	Timeout duration. Minimum: 0 Maximum: 2147483647
connect_type	Integer	Connection settings. This parameter is not used in the current edition. Minimum: 0 Maximum: 2147483647
headers	Array of ContentHeader objects	Request header. Array Length: 0 - 1024
http_version	String	HTTP version. Minimum: 0 Maximum: 1024

Parameter	Type	Description
method	String	HTTP method. Minimum: 0 Maximum: 1024
name	String	Case name. Minimum: 0 Maximum: 1024
protocol_type	Integer	Protocol type (1 : HTTP; 2 : HTTPS; 3 : TCP; 4 : UDP; 7 : HLS/RTMP; 9 : WebSocket; 10 : HTTP-FLV). Minimum: 0 Maximum: 2147483647
return_timeout	Integer	Response timeout. Minimum: 0 Maximum: 2147483647
return_timeout_param	String	Response timeout parameter. Minimum: 0 Maximum: 40960
url	String	Request URL. Minimum: 0 Maximum: 40960
rtmp_url	String	RTMP address. Minimum: 0 Maximum: 40960
flv_url	String	FLV address. Minimum: 0 Maximum: 40960
bitrate_type	Integer	Resolution policy. Minimum: 0 Maximum: 128
duration	Integer	Duration. Minimum: 0 Maximum: 2147483647
retry_delay	Integer	HLS retry delay. Minimum: 0 Maximum: 2147483647

Parameter	Type	Description
retry_time	Integer	HLS retries. Minimum: 0 Maximum: 2147483647

Table 4-33 ContentHeader

Parameter	Type	Description
key	String	Key. Minimum: 0 Maximum: 40960
value	String	Value. Minimum: 0 Maximum: 40960

Table 4-34 CaseDoc

Parameter	Type	Description
description	String	Case description. Minimum: 0 Maximum: 2147483647
label_names	Array of strings	Tags.
preparation	String	Preparations. Minimum: 0 Maximum: 2147483647
rank	Integer	Case level (0 : L0, 1 : L1, 2 : L2, 3 : L3, 4 : L4). Minimum: 0 Maximum: 64
status_code	Integer	Status (0 : new; 5 : designing; 6 : testing; 7 : completed).
steps	Array of steps objects	Procedure.

Table 4-35 steps

Parameter	Type	Description
expect_result	String	Step description. Minimum: 0 Maximum: 2147483647
test_step	String	Expected result. Minimum: 0 Maximum: 2147483647

Table 4-36 RelatedTempRunningData

Parameter	Type	Description
task_run_info_id	Integer	ID of a running task, that is, the report ID. When a task API (for updating task status or starting or stopping tasks in batches) is called, the running task ID is returned. Minimum: 0 Maximum: 2147483647
related_temp_running_id	Integer	ID of a running case. The value is same as that of the running case ID (case_run_id) of other APIs (such as a report API). Minimum: 0 Maximum: 2147483647
temp_id	Integer	Case ID. Minimum: 0 Maximum: 2147483647
temp_name	String	Case name. Minimum: 0 Maximum: 4096
content_method_url	Array of strings	Request information, including the request name, method, and URL.
related_temp_running_data	Array of TempRunningData objects	Brief information about the latest running report.

Table 4-37 TempRunningData

Parameter	Type	Description
content_method_url	Array of strings	Request information, including the request name, method, and URL.
crawler_status	Integer	Request running status (0 : normal response; 1 : parsing failed; 2 : comparison failed; 3 : response timed out).
related_temp_running_id	Integer	ID of a running case. The value is same as that of the running case ID (case_run_id) of other APIs (such as a report API).
task_run_info_id	Integer	ID of a running task, that is, the report ID. When a task API (for updating task status or starting or stopping tasks in batches) is called, the running task ID is returned.
temp_id	Integer	Case or transaction ID.
temp_name	String	Case or transaction name.
temp_running_status	Integer	Running status (9 : waiting to run; 0 : running; 2 : ended; 3 : stopped abnormally; 4 : stopped by the user (completely stopped); 5 : stopped by the user (stopping)).

Example Requests

Querying details about the task whose ID is 1.

```
/v1/{project_id}/tasks/1
```

Example Responses

Status code: 200

success

```
{
  "code" : "SVCSTG.CPTS.0000000",
  "message" : "success",
  "taskInfo" : {
    "bench_concurrent" : 100,
    "case_list" : [ {
      "case_id" : 18393,
      "case_type" : 0,
      "contents" : [ {
        "content_id" : 0,
        "content" : [ {
          "content_type" : 2,
          "content" : {
            "body_type" : 0,
            "body" : [ ],
            "check_end_length" : null,
            "check_end_str" : null,
            "check_end_type" : null,
```

```
"connect_timeout" : 5000,
"connect_type" : 1,
"headers" : [ {
  "key" : "Content-Type",
  "value" : "application/json"
} ],
"http_version" : "HTTP/1.1",
"method" : "GET",
"name" : "Msg-33419",
"protocol_type" : 2,
"return_timeout" : 5000,
"return_timeout_param" : null,
"url" : "https://www.domain-example.com"
}
}],
"index" : 0,
"selected_temp_name" : "",
"data" : null,
"data_type" : 0,
"conditions" : null,
"is_disabled" : false
}],
"for_loop_params" : [ ],
"increase_setting" : [ ],
"name" : "case",
"sort" : 1,
"stages" : [ {
  "operate_mode" : 0,
  "name" : "Stage-pd44",
  "time" : 60,
  "start_time" : 0,
  "end_time" : 0,
  "issue_num" : 10,
  "count" : 1,
  "pressure_mode" : 0,
  "tps_value" : 1,
  "current_user_num" : 10,
  "current_tps" : 1,
  "voltage_regulating_mode" : 0,
  "maximum" : 3,
  "minimum" : 1,
  "loop_count" : 2,
  "max_duration" : 30,
  "ramp_up" : 30,
  "peak_load_kpis" : {
    "average_response_time" : {
      "comparison" : "<=",
      "value" : 60000
    },
    "success_rate" : {
      "comparison" : ">=",
      "value" : 0
    }
  },
  "step_duration" : 30,
  "step_size" : 1
} ],
"status" : 1,
"temp_id" : 0
}],
"create_time" : "2022-09-20T14:23:42.87449+08:00",
"description" : "",
"name" : "task",
"operate_mode" : 2,
"parallel" : false,
"project_id" : 17543,
"related_temp_running_data" : [ {
  "content_method_url" : [ "testRequest#GET#https://www.example.com" ],
  "crawler_status" : 9,
```

```
"related_temp_running_id" : 93868,  
"task_run_info_id" : 79515,  
"temp_id" : 0,  
"temp_name" : "testCase",  
"temp_running_status" : 2  
}],  
"run_status" : 2,  
"update_time" : "2022-09-20T14:23:43.579707+08:00"  
}  
}
```

Status Codes

Status Code	Description
200	success
501	unknown error

Error Codes

See [Error Codes](#).

4.2.3 Modifying a Task (Old Edition)

Function

This API is used to modify a task on the old UI.

URI

PUT /v1/{project_id}/tasks/{task_id}

Table 4-38 Path Parameters

Parameter	Mandatory	Type	Description
project_id	Yes	String	Project ID. For details, see Obtaining a Project ID . Minimum: 0 Maximum: 64
task_id	Yes	Integer	Task ID. Minimum: 0 Maximum: 2147483647

Request Parameters

Table 4-39 Request body parameters

Parameter	Mandatory	Type	Description
id	Yes	Integer	Task ID. Minimum: 0 Maximum: 2147483647
name	Yes	String	Task name. Minimum: 1 Maximum: 42
description	No	String	Description. Minimum: 0 Maximum: 1024
project_id	Yes	Integer	Project ID. Minimum: 0 Maximum: 2147483647
run_status	No	Integer	Task running status (9 : waiting to run; 0 : running; 1 : paused; 2 : ended; 3 : stopped abnormally; 4 : stopped by the user (completed); 5 : stopped by the user). Minimum: 0 Maximum: 2147483647
run_type	No	Integer	Task type (0 : old edition task; 1 : new edition task). Minimum: 0 Maximum: 2147483647
task_run_info	No	TaskRunInfo object	Task running information.
case_list	No	Array of CaseInfoDetail objects	Case information. Array Length: 0 - 1024
operate_mode	No	Integer	Pressure phase mode (0 : by duration; 1 : by count). Minimum: 0 Maximum: 2147483647

Parameter	Mandatory	Type	Description
bench_concurrent	No	Integer	Benchmark concurrency. Minimum: 0 Maximum: 2147483647
related_temp_running_data	No	Array of RelatedTempRunningData objects	Brief information about the latest running report. Array Length: 0 - 1024

Table 4-40 TaskRunInfo

Parameter	Mandatory	Type	Description
id	No	Integer	Task ID. Minimum: 0 Maximum: 2147483647
run_type	No	Integer	Task type (0 : old edition task; 1 : new edition task). Minimum: 0 Maximum: 2147483647

Table 4-41 CaseInfoDetail

Parameter	Mandatory	Type	Description
case_id	No	Integer	Case ID. Minimum: 0 Maximum: 2147483647
name	No	String	Case name. Minimum: 0 Maximum: 1024
case_type	No	Integer	Case type (0 : normal case). Minimum: 0 Maximum: 2147483647
contents	No	Array of Contents objects	Case script information. Array Length: 0 - 1024

Parameter	Mandatory	Type	Description
for_loop_params	No	Array of objects	Logic controller field of the old edition. This parameter is not used in the current edition. Array Length: 0 - 10240
increase_setting	No	Array of objects	Gradient increment. Array Length: 0 - 10240
stages	No	Array of TestCaseStage objects	Phase information. Array Length: 0 - 1024
status	No	Integer	Status (0 : deleted; 1 : enabled; 2 : disabled). Minimum: 0 Maximum: 2147483647
temp_id	No	Integer	Case ID. Minimum: 0 Maximum: 2147483647
sort	No	Integer	Sorting field.
directory_id	No	Integer	Directory ID of the case. This parameter is optional for APIs of earlier versions. Minimum: 0 Maximum: 2147483647
setup_contents	No	Array of Contents objects	Preparations.
user_replicas	No	Integer	Actuators. Minimum: 0 Maximum: 2147483647
collect_log_policy	No	Integer	Log collection policy (0 : request mode; 1 : case mode). Minimum: 0 Maximum: 32
link_app_list	No	Array of integers	Associated full-link application list.
case_info	No	CaseDoc object	Text case information.

Table 4-42 TestCaseStage

Parameter	Mandatory	Type	Description
operate_mode	No	Integer	Pressure phase mode (0 : by duration; 1 : by count).
name	No	String	Phase name.
time	No	Integer	Duration, in seconds.
start_time	No	Integer	Start time.
end_time	No	Integer	End time.
issue_num	No	Integer	Maximum concurrency.
count	No	Integer	Total transmission times.
pressure_mode	No	Integer	Pressure mode (0 : concurrent mode; 1 : TPS mode; 2 : high pressure mode; 3 : surge concurrency mode; 4 : surge TPS mode; 5 : flapping concurrency mode; 6 : flapping TPS mode; 7 : intelligent high pressure mode).
tps_value	No	Integer	TPS value in TPS mode.
current_user_num	No	Integer	Start concurrency.
current_tps	No	Integer	Start TPS value.
voltage_regulating_mode	No	Integer	Pressure adjustment mode (0 : automated; 1 : manual).
maximum	No	Integer	Maximum concurrency in the surge mode.
minimum	No	Integer	Minimum concurrency in the surge mode.
loop_count	No	Integer	Oscillation/surge times.
max_duration	No	Integer	Peak duration in the surge mode.
ramp_up	No	Integer	Ramp up (in seconds) in the peakload mode.
peak_load_kpis	No	StageKpiltems object	Expected KPI.
step_duration	No	Integer	Single-step execution duration in the intelligent peakload mode.

Parameter	Mandatory	Type	Description
step_size	No	Integer	Increase concurrency in the intelligent peakload mode.

Table 4-43 StageKpiltems

Parameter	Mandatory	Type	Description
average_response_time	No	StageKpiltem object	Average response time.
success_rate	No	StageKpiltem object	Success rate.

Table 4-44 StageKpiltem

Parameter	Mandatory	Type	Description
comparison	No	String	Comparison operator.
value	No	Integer	Comparison value.

Table 4-45 Contents

Parameter	Mandatory	Type	Description
content_id	No	Integer	Transaction ID. If the transaction ID is not 0 , the card is a transaction. If it is 0 , the card is not a transaction. Minimum: 0 Maximum: 2147483647
content	No	Array of Content objects	Content. Array Length: 0 - 1000
index	No	Integer	Sorting index. Minimum: 0 Maximum: 2147483647
selected_temp_name	No	String	Name of the selected transaction or case. Minimum: 0 Maximum: 40960

Parameter	Mandatory	Type	Description
data	No	Object	Data to which the loop and condition controller apply.
data_type	No	Integer	Type (0 : default request; 1 : data instruction; 201 : cycle instruction; 202 : condition instruction; 301 : rendezvous point). Minimum: 0 Maximum: 2147483647
conditions	No	Object	If the type is 202 (condition instruction), this field configures the condition.
is_disabled	No	Boolean	Whether to disable the AW.

Table 4-46 Content

Parameter	Mandatory	Type	Description
content_type	No	Integer	Case card type (1 : think time; 2 : packet; 3 : checkpoint; 4 : variable extraction). Minimum: 0 Maximum: 2147483647
content	No	ContentInfo object	Content.

Table 4-47 ContentInfo

Parameter	Mandatory	Type	Description
body_type	No	Integer	Body type (0 : string; 1 : form-data format; 3 : x-www-form-urlencoded format). Minimum: 0 Maximum: 2147483647
bodys	No	Array of objects	bodys
check_end_length	No	Object	Length of the data returned through TCP/UDP.

Parameter	Mandatory	Type	Description
check_end_str	No	Object	End character returned through TCP/UDP.
check_end_type	No	Object	End type (1: data length; 2: end character) returned through TCP/UDP.
connect_timeout	No	Integer	Timeout duration. Minimum: 0 Maximum: 2147483647
connect_type	No	Integer	Connection settings. This parameter is not used in the current edition. Minimum: 0 Maximum: 2147483647
headers	No	Array of ContentHeader objects	Request header. Array Length: 0 - 1024
http_version	No	String	HTTP version. Minimum: 0 Maximum: 1024
method	No	String	HTTP method. Minimum: 0 Maximum: 1024
name	No	String	Case name. Minimum: 0 Maximum: 1024
protocol_type	No	Integer	Protocol type (1: HTTP; 2: HTTPS; 3: TCP; 4: UDP; 7: HLS/RTMP; 9: WebSocket; 10: HTTP-FLV). Minimum: 0 Maximum: 2147483647
return_timeout	No	Integer	Response timeout. Minimum: 0 Maximum: 2147483647
return_timeout_param	No	String	Response timeout parameter. Minimum: 0 Maximum: 40960

Parameter	Mandatory	Type	Description
url	No	String	Request URL. Minimum: 0 Maximum: 40960
rtmp_url	No	String	RTMP address. Minimum: 0 Maximum: 40960
flv_url	No	String	FLV address. Minimum: 0 Maximum: 40960
bitrate_type	No	Integer	Resolution policy. Minimum: 0 Maximum: 128
duration	No	Integer	Duration. Minimum: 0 Maximum: 2147483647
retry_delay	No	Integer	HLS retry delay. Minimum: 0 Maximum: 2147483647
retry_time	No	Integer	HLS retries. Minimum: 0 Maximum: 2147483647

Table 4-48 ContentHeader

Parameter	Mandatory	Type	Description
key	No	String	Key. Minimum: 0 Maximum: 40960
value	No	String	Value. Minimum: 0 Maximum: 40960

Table 4-49 CaseDoc

Parameter	Mandatory	Type	Description
description	No	String	Case description. Minimum: 0 Maximum: 2147483647
label_names	No	Array of strings	Tags.
preparation	No	String	Preparations. Minimum: 0 Maximum: 2147483647
rank	No	Integer	Case level (0 : L0, 1 : L1, 2 : L2, 3 : L3, 4 : L4). Minimum: 0 Maximum: 64
status_code	No	Integer	Status (0 : new; 5 : designing; 6 : testing; 7 : completed).
steps	No	Array of steps objects	Procedure.

Table 4-50 steps

Parameter	Mandatory	Type	Description
expect_result	No	String	Step description. Minimum: 0 Maximum: 2147483647
test_step	No	String	Expected result. Minimum: 0 Maximum: 2147483647

Table 4-51 RelatedTempRunningData

Parameter	Mandatory	Type	Description
task_run_info_id	No	Integer	ID of a running task, that is, the report ID. When a task API (for updating task status or starting or stopping tasks in batches) is called, the running task ID is returned. Minimum: 0 Maximum: 2147483647
related_temp_running_id	No	Integer	ID of a running case. The value is same as that of the running case ID (case_run_id) of other APIs (such as a report API). Minimum: 0 Maximum: 2147483647
temp_id	No	Integer	Case ID. Minimum: 0 Maximum: 2147483647
temp_name	No	String	Case name. Minimum: 0 Maximum: 4096
content_method_url	No	Array of strings	Request information, including the request name, method, and URL.
related_temp_running_data	No	Array of TempRunningData objects	Brief information about the latest running report.

Table 4-52 TempRunningData

Parameter	Mandatory	Type	Description
content_method_url	No	Array of strings	Request information, including the request name, method, and URL.
crawler_status	No	Integer	Request running status (0 : normal response; 1 : parsing failed; 2 : comparison failed; 3 : response timed out).

Parameter	Mandatory	Type	Description
related_temp_running_id	No	Integer	ID of a running case. The value is same as that of the running case ID (case_run_id) of other APIs (such as a report API).
task_run_info_id	No	Integer	ID of a running task, that is, the report ID. When a task API (for updating task status or starting or stopping tasks in batches) is called, the running task ID is returned.
temp_id	No	Integer	Case or transaction ID.
temp_name	No	String	Case or transaction name.
temp_running_status	No	Integer	Running status (9 : waiting to run; 0 : running; 2 : ended; 3 : stopped abnormally; 4 : stopped by the user (completely stopped); 5 : stopped by the user (stopping)).

Response Parameters

Status code: 200

Table 4-53 Response body parameters

Parameter	Type	Description
code	String	Response code. Minimum: 0 Maximum: 1024
message	String	Response message. Minimum: 0 Maximum: 1024
taskInfo	TaskInfo object	Task details.

Table 4-54 TaskInfo

Parameter	Type	Description
bench_concurrent	Integer	Benchmark concurrency. Minimum: 0 Maximum: 2147483647
case_list	Array of CaseInfoDetail objects	Case ID list. Array Length: 0 - 1000
create_time	String	Creation time.
description	String	Description. Minimum: 0 Maximum: 1024
name	String	Task name. Minimum: 0 Maximum: 1024
operate_mode	Integer	Task mode (0 : by duration; 1 : by count; 2 : both). Minimum: 0 Maximum: 2147483647
project_id	Integer	ID of the project to which the task belongs. Minimum: 0 Maximum: 2147483647
related_temp_running_data	Array of RelatedTempRunningData objects	Brief information about the latest running report, including the running task ID, that is, the task_run_info_id of the object. ID of a running case, that is, related_temp_running_id of the object. Array Length: 0 - 1024
run_status	Integer	Task running status (9 : waiting to run; 0 : running; 1 : paused; 2 : ended; 3 : stopped abnormally; 4 : stopped by the user (completed); 5 : stopped by the user). Minimum: 0 Maximum: 2147483647
update_time	String	Time when a task is updated. Minimum: 0 Maximum: 1024
parallel	Boolean	Whether cases are executed in parallel between tasks.

Table 4-55 CaseInfoDetail

Parameter	Type	Description
case_id	Integer	Case ID. Minimum: 0 Maximum: 2147483647
name	String	Case name. Minimum: 0 Maximum: 1024
case_type	Integer	Case type (0 : normal case). Minimum: 0 Maximum: 2147483647
contents	Array of Contents objects	Case script information. Array Length: 0 - 1024
for_loop_params	Array of objects	Logic controller field of the old edition. This parameter is not used in the current edition. Array Length: 0 - 10240
increase_setting	Array of objects	Gradient increment. Array Length: 0 - 10240
stages	Array of TestCaseStage objects	Phase information. Array Length: 0 - 1024
status	Integer	Status (0 : deleted; 1 : enabled; 2 : disabled). Minimum: 0 Maximum: 2147483647
temp_id	Integer	Case ID. Minimum: 0 Maximum: 2147483647
sort	Integer	Sorting field.
directory_id	Integer	Directory ID of the case. This parameter is optional for APIs of earlier versions. Minimum: 0 Maximum: 2147483647
setup_contents	Array of Contents objects	Preparations.

Parameter	Type	Description
user_replicas	Integer	Actuators. Minimum: 0 Maximum: 2147483647
collect_log_policy	Integer	Log collection policy (0 : request mode; 1 : case mode). Minimum: 0 Maximum: 32
link_app_list	Array of integers	Associated full-link application list.
case_info	CaseDoc object	Text case information.

Table 4-56 TestCaseStage

Parameter	Type	Description
operate_mode	Integer	Pressure phase mode (0 : by duration; 1 : by count).
name	String	Phase name.
time	Integer	Duration, in seconds.
start_time	Integer	Start time.
end_time	Integer	End time.
issue_num	Integer	Maximum concurrency.
count	Integer	Total transmission times.
pressure_mode	Integer	Pressure mode (0 : concurrent mode; 1 : TPS mode; 2 : high pressure mode; 3 : surge concurrency mode; 4 : surge TPS mode; 5 : flapping concurrency mode; 6 : flapping TPS mode; 7 : intelligent high pressure mode).
tps_value	Integer	TPS value in TPS mode.
current_user_num	Integer	Start concurrency.
current_tps	Integer	Start TPS value.
voltage_regulating_mode	Integer	Pressure adjustment mode (0 : automated; 1 : manual).
maximum	Integer	Maximum concurrency in the surge mode.

Parameter	Type	Description
minimum	Integer	Minimum concurrency in the surge mode.
loop_count	Integer	Oscillation/surge times.
max_duration	Integer	Peak duration in the surge mode.
ramp_up	Integer	Ramp up (in seconds) in the peakload mode.
peak_load_kpis	StageKpiltems object	Expected KPI.
step_duration	Integer	Single-step execution duration in the intelligent peakload mode.
step_size	Integer	Increase concurrency in the intelligent peakload mode.

Table 4-57 StageKpiltems

Parameter	Type	Description
average_response_time	StageKpiltem object	Average response time.
success_rate	StageKpiltem object	Success rate.

Table 4-58 StageKpiltem

Parameter	Type	Description
comparison	String	Comparison operator.
value	Integer	Comparison value.

Table 4-59 Contents

Parameter	Type	Description
content_id	Integer	Transaction ID. If the transaction ID is not 0 , the card is a transaction. If it is 0 , the card is not a transaction. Minimum: 0 Maximum: 2147483647
content	Array of Content objects	Content. Array Length: 0 - 1000

Parameter	Type	Description
index	Integer	Sorting index. Minimum: 0 Maximum: 2147483647
selected_temp_name	String	Name of the selected transaction or case. Minimum: 0 Maximum: 40960
data	Object	Data to which the loop and condition controller apply.
data_type	Integer	Type (0 : default request; 1 : data instruction; 201 : cycle instruction; 202 : condition instruction; 301 : rendezvous point). Minimum: 0 Maximum: 2147483647
conditions	Object	If the type is 202 (condition instruction), this field configures the condition.
is_disabled	Boolean	Whether to disable the AW.

Table 4-60 Content

Parameter	Type	Description
content_type	Integer	Case card type (1 : think time; 2 : packet; 3 : checkpoint; 4 : variable extraction). Minimum: 0 Maximum: 2147483647
content	ContentInfo object	Content.

Table 4-61 ContentInfo

Parameter	Type	Description
body_type	Integer	Body type (0 : string; 1 : form-data format; 3 : x-www-form-urlencoded format). Minimum: 0 Maximum: 2147483647
bodys	Array of objects	bodys

Parameter	Type	Description
check_end_length	Object	Length of the data returned through TCP/UDP.
check_end_str	Object	End character returned through TCP/UDP.
check_end_type	Object	End type (1: data length; 2: end character) returned through TCP/UDP.
connect_timeout	Integer	Timeout duration. Minimum: 0 Maximum: 2147483647
connect_type	Integer	Connection settings. This parameter is not used in the current edition. Minimum: 0 Maximum: 2147483647
headers	Array of ContentHeader objects	Request header. Array Length: 0 - 1024
http_version	String	HTTP version. Minimum: 0 Maximum: 1024
method	String	HTTP method. Minimum: 0 Maximum: 1024
name	String	Case name. Minimum: 0 Maximum: 1024
protocol_type	Integer	Protocol type (1: HTTP; 2: HTTPS; 3: TCP; 4: UDP; 7: HLS/RTMP; 9: WebSocket; 10: HTTP-FLV). Minimum: 0 Maximum: 2147483647
return_timeout	Integer	Response timeout. Minimum: 0 Maximum: 2147483647
return_timeout_param	String	Response timeout parameter. Minimum: 0 Maximum: 40960

Parameter	Type	Description
url	String	Request URL. Minimum: 0 Maximum: 40960
rtmp_url	String	RTMP address. Minimum: 0 Maximum: 40960
flv_url	String	FLV address. Minimum: 0 Maximum: 40960
bitrate_type	Integer	Resolution policy. Minimum: 0 Maximum: 128
duration	Integer	Duration. Minimum: 0 Maximum: 2147483647
retry_delay	Integer	HLS retry delay. Minimum: 0 Maximum: 2147483647
retry_time	Integer	HLS retries. Minimum: 0 Maximum: 2147483647

Table 4-62 ContentHeader

Parameter	Type	Description
key	String	Key. Minimum: 0 Maximum: 40960
value	String	Value. Minimum: 0 Maximum: 40960

Table 4-63 CaseDoc

Parameter	Type	Description
description	String	Case description. Minimum: 0 Maximum: 2147483647
label_names	Array of strings	Tags.
preparation	String	Preparations. Minimum: 0 Maximum: 2147483647
rank	Integer	Case level (0 : L0, 1 : L1, 2 : L2, 3 : L3, 4 : L4). Minimum: 0 Maximum: 64
status_code	Integer	Status (0 : new; 5 : designing; 6 : testing; 7 : completed).
steps	Array of steps objects	Procedure.

Table 4-64 steps

Parameter	Type	Description
expect_result	String	Step description. Minimum: 0 Maximum: 2147483647
test_step	String	Expected result. Minimum: 0 Maximum: 2147483647

Table 4-65 RelatedTempRunningData

Parameter	Type	Description
task_run_info_id	Integer	ID of a running task, that is, the report ID. When a task API (for updating task status or starting or stopping tasks in batches) is called, the running task ID is returned. Minimum: 0 Maximum: 2147483647

Parameter	Type	Description
related_temp_running_id	Integer	ID of a running case. The value is same as that of the running case ID (case_run_id) of other APIs (such as a report API). Minimum: 0 Maximum: 2147483647
temp_id	Integer	Case ID. Minimum: 0 Maximum: 2147483647
temp_name	String	Case name. Minimum: 0 Maximum: 4096
content_method_url	Array of strings	Request information, including the request name, method, and URL.
related_temp_running_data	Array of TempRunningData objects	Brief information about the latest running report.

Table 4-66 TempRunningData

Parameter	Type	Description
content_method_url	Array of strings	Request information, including the request name, method, and URL.
crawler_status	Integer	Request running status (0 : normal response; 1 : parsing failed; 2 : comparison failed; 3 : response timed out).
related_temp_running_id	Integer	ID of a running case. The value is same as that of the running case ID (case_run_id) of other APIs (such as a report API).
task_run_info_id	Integer	ID of a running task, that is, the report ID. When a task API (for updating task status or starting or stopping tasks in batches) is called, the running task ID is returned.
temp_id	Integer	Case or transaction ID.
temp_name	String	Case or transaction name.
temp_running_status	Integer	Running status (9 : waiting to run; 0 : running; 2 : ended; 3 : stopped abnormally; 4 : stopped by the user (completely stopped); 5 : stopped by the user (stopping)).

Example Requests

Changing the name of the task whose ID is **1** to **taskName**.

```
/v1/{project_id}/tasks/1

{
  "id" : 1,
  "name" : "taskName",
  "description" : "",
  "project_id" : 1,
  "run_status" : 2,
  "run_type" : 0,
  "task_run_info" : {
    "id" : 0,
    "run_type" : 0
  },
  "case_list" : [ ],
  "operate_mode" : 2,
  "bench_concurrent" : 100,
  "related_temp_running_data" : [ {
    "task_run_info_id" : 325,
    "related_temp_running_id" : 350,
    "temp_id" : 0,
    "temp_name" : "asdf"
  } ]
}
```

Example Responses

Status code: 200

success

```
{
  "code" : "SVCSTG.CPTS.0000000",
  "message" : "success",
  "taskInfo" : {
    "bench_concurrent" : 100,
    "case_list" : [ {
      "case_id" : 211751,
      "case_type" : 0,
      "contents" : [ {
        "content_id" : 0,
        "content" : [ {
          "content_type" : 2,
          "content" : {
            "body_type" : 0,
            "bodys" : [ ],
            "check_end_length" : null,
            "check_end_str" : null,
            "check_end_type" : null,
            "connect_timeout" : 5000,
            "connect_type" : 1,
            "headers" : [ {
              "key" : "Content-Type",
              "value" : "application/json"
            } ],
            "http_version" : "HTTP/1.1",
            "method" : "GET",
            "name" : "Msg-43147",
            "protocol_type" : 1,
            "return_timeout" : 5000,
            "return_timeout_param" : null,
            "url" : "https://www.example.com"
          }
        ]
      } ],
      "http_version" : "HTTP/1.1",
      "method" : "GET",
      "name" : "Msg-43147",
      "protocol_type" : 1,
      "return_timeout" : 5000,
      "return_timeout_param" : null,
      "url" : "https://www.example.com"
    } ],
    "index" : 0,
  }
}
```

```
"selected_temp_name" : "",
"data" : null,
"data_type" : 0,
"conditions" : null
}],
"for_loop_params" : [ ],
"increase_setting" : [ ],
"sort" : 1,
"stages" : [ ],
"status" : 1,
"temp_id" : 0,
"user_replicas" : 0
}, {
"case_id" : 213142,
"case_type" : 0,
"contents" : null,
"for_loop_params" : [ ],
"increase_setting" : [ ],
"sort" : 2,
"stages" : [ ],
"status" : 1,
"temp_id" : 0,
"user_replicas" : 0
}],
"create_time" : "2022-01-18T15:20:50.466972+08:00",
"description" : "",
"name" : "task",
"operate_mode" : 2,
"parallel" : false,
"project_id" : 122025,
"related_temp_running_data" : [ ],
"run_status" : 2,
"update_time" : "2022-01-20T15:00:44.284053+08:00"
}
}
```

Status Codes

Status Code	Description
200	success
501	unknown error

Error Codes

See [Error Codes](#).

4.2.4 Deleting a Task (Old Edition)

Function

This API is used to delete a task on the old UI.

URI

DELETE /v1/{project_id}/tasks/{task_id}

Table 4-67 Path Parameters

Parameter	Mandatory	Type	Description
project_id	Yes	String	Project ID. For details, see Obtaining a Project ID . Minimum: 0 Maximum: 64
task_id	Yes	Integer	Task ID. Minimum: 0 Maximum: 2147483647

Request Parameters

None

Response Parameters

None

Example Requests

Deleting the task whose ID is **1**.

```
/v1/projectId/tasks/1
```

Example Responses

None

Status Codes

Status Code	Description
204	success
501	unknown error

Error Codes

See [Error Codes](#).

4.2.5 Creating a Task (Old Edition)

Function

This API is used to create a task on the old UI.

URI

POST /v1/{project_id}/tasks

Table 4-68 Path Parameters

Parameter	Mandatory	Type	Description
project_id	Yes	String	Project ID. For details, see Obtaining a Project ID . Minimum: 0 Maximum: 64

Request Parameters

Table 4-69 Request body parameters

Parameter	Mandatory	Type	Description
name	Yes	String	Name. Minimum: 1 Maximum: 42
project_id	Yes	Integer	Project ID. Minimum: 0 Maximum: 2147483647
temps	No	Array of strings	Transaction information. Array Length: 0 - 1024
operate_mode	No	Integer	Pressure phase mode (0 : by duration; 1 : by count; 2 : both). Minimum: 0 Maximum: 2147483647
bench_concurrent	No	Integer	Benchmark concurrency. Minimum: 0 Maximum: 2147483647

Response Parameters

Status code: **201**

Table 4-70 Response body parameters

Parameter	Type	Description
code	String	Response code. Minimum: 0 Maximum: 1024
message	String	Response message. Minimum: 0 Maximum: 1024
task_id	Integer	Task ID. Minimum: 0 Maximum: 2147483647

Example Requests

Creating a task named **task**. The ID of the PerfTest project to which the task belongs is **1**.

```
/v1/{project_id}/tasks  
  
{  
  "name" : "task",  
  "project_id" : 1,  
  "temps" : [ ],  
  "operate_mode" : 2,  
  "bench_concurrent" : 100  
}
```

Example Responses

Status code: 201

success

```
{  
  "code" : "SVCSTG.CPTS.0000000",  
  "message" : "success",  
  "task_id" : 184138  
}
```

Status Codes

Status Code	Description
201	success
501	unknown error

Error Codes

See [Error Codes](#).

4.2.6 Updating the Status of a Task

Function

This API is used to update the status of a task.

URI

POST /v1/{project_id}/test-suites/{test_suite_id}/tasks/{task_id}

Table 4-71 Path Parameters

Parameter	Mandatory	Type	Description
project_id	Yes	String	Project ID. For details, see Obtaining a Project ID . Minimum: 0 Maximum: 64
test_suite_id	Yes	Integer	Test project ID. Minimum: 0 Maximum: 2147483647
task_id	Yes	Integer	Task ID. Minimum: 0 Maximum: 2147483647

Request Parameters

Table 4-72 Request body parameters

Parameter	Mandatory	Type	Description
cluster_id	Yes	Integer	Resource group ID. Minimum: -1 Maximum: 2147483647
cluster_type	Yes	String	Resource group type (shared-cluster-internet : shared resource group; private-cluster : private resource group). Minimum: 0 Maximum: 1024

Parameter	Mandatory	Type	Description
without_package	Yes	Integer	Whether to use the pay-per-use billing mode when the VUM of the package is insufficient. The value is fixed at 0 in the current edition. Minimum: 0 Maximum: 2147483647
network_info	Yes	NetworkInfo object	Network information.
status	Yes	Integer	Status (9 : task started; 2 : task stopped). Minimum: 0 Maximum: 2147483647
enterprise_project_id	No	String	Enterprise project ID. Minimum: 0 Maximum: 64

Table 4-73 NetworkInfo

Parameter	Mandatory	Type	Description
network_type	Yes	String	Network type (fixed value: internet). Minimum: 0 Maximum: 1024

Response Parameters

Status code: **200**

Table 4-74 Response body parameters

Parameter	Type	Description
code	String	Response code. Minimum: 0 Maximum: 1024
message	String	Response message. Minimum: 0 Maximum: 1024

Parameter	Type	Description
extend	String	Extension information. Minimum: 0 Maximum: 1024
result	UpdateTaskStatusResult object	Status update result.

Table 4-75 UpdateTaskStatusResult

Parameter	Type	Description
task_run_id	Integer	ID of a running task, that is, the report ID. Minimum: 0 Maximum: 2147483647

Example Requests

- Starting a task whose ID is **1**. The ID of the project to which the task belongs is **1**. Use the shared resource group to start the task.

```
/v1/{project_id}/test-suites/1/tasks/1  
  
{  
  "cluster_id" : 0,  
  "enterprise_project_id" : "0",  
  "cluster_type" : "shared-cluster-internet",  
  "without_package" : 0,  
  "network_info" : {  
    "network_type" : "internet"  
  },  
  "status" : 9  
}
```

- Starting a task whose ID is **1**. The ID of the project to which the task belongs is **1**.

```
/v1/{project_id}/test-suites/1/tasks/1  
  
{  
  "cluster_id" : -1,  
  "enterprise_project_id" : "0",  
  "cluster_type" : "shared-cluster-internet",  
  "network_info" : {  
    "network_type" : "internet"  
  },  
  "status" : 2,  
  "without_package" : 0  
}
```

Example Responses

Status code: 200

success


```
{
  "code" : "SVCSTG.CPTS.0000000",
  "message" : "success",
  "extend" : null,
  "result" : {
    "task_run_id" : 32517
  }
}
```

Status Codes

Status Code	Description
200	success
501	unknown error

Error Codes

See [Error Codes](#).

4.2.7 Modifying the Case Associated with the Task

Function

This API is used to modify the case associated with the task.

URI

PUT /v3/{project_id}/tasks/{task_id}

Table 4-76 Path Parameters

Parameter	Mandatory	Type	Description
project_id	Yes	String	Project ID. For details, see Obtaining a Project ID . Minimum: 0 Maximum: 64
task_id	Yes	Integer	Task ID. Minimum: 0 Maximum: 2147483647

Request Parameters

Table 4-77 Request body parameters

Parameter	Mandatory	Type	Description
name	Yes	String	Name.
parallel	Yes	Boolean	Parallel status that indicates whether test cases are executed in parallel during task execution. true : parallel execution; false : serial execution.
project_id	Yes	Integer	Project ID.
operate_mode	Yes	Integer	Task mode. This parameter is reserved for compatibility with interfaces of earlier versions. The options are 0 (by duration), 1 (by count), and 2 (Both). The value is fixed to 2 .
case_id_list	Yes	Array of integers	ID list of associated cases.

Response Parameters

Status code: 200

Table 4-78 Response body parameters

Parameter	Type	Description
code	String	Response code. Minimum: 0 Maximum: 1024
message	String	Response message. Minimum: 0 Maximum: 1024
taskInfo	TaskInfo object	Task details.

Table 4-79 TaskInfo

Parameter	Type	Description
bench_concurrent	Integer	Benchmark concurrency. Minimum: 0 Maximum: 2147483647
case_list	Array of CaseInfoDetail objects	Case ID list. Array Length: 0 - 1000
create_time	String	Creation time.
description	String	Description. Minimum: 0 Maximum: 1024
name	String	Task name. Minimum: 0 Maximum: 1024
operate_mode	Integer	Task mode (0 : by duration; 1 : by count; 2 : both). Minimum: 0 Maximum: 2147483647
project_id	Integer	ID of the project to which the task belongs. Minimum: 0 Maximum: 2147483647
related_temp_running_data	Array of RelatedTempRunningData objects	Brief information about the latest running report, including the running task ID, that is, the task_run_info_id of the object. ID of a running case, that is, related_temp_running_id of the object. Array Length: 0 - 1024
run_status	Integer	Task running status (9 : waiting to run; 0 : running; 1 : paused; 2 : ended; 3 : stopped abnormally; 4 : stopped by the user (completed); 5 : stopped by the user). Minimum: 0 Maximum: 2147483647
update_time	String	Time when a task is updated. Minimum: 0 Maximum: 1024
parallel	Boolean	Whether cases are executed in parallel between tasks.

Table 4-80 CaseInfoDetail

Parameter	Type	Description
case_id	Integer	Case ID. Minimum: 0 Maximum: 2147483647
name	String	Case name. Minimum: 0 Maximum: 1024
case_type	Integer	Case type (0 : normal case). Minimum: 0 Maximum: 2147483647
contents	Array of Contents objects	Case script information. Array Length: 0 - 1024
for_loop_params	Array of objects	Logic controller field of the old edition. This parameter is not used in the current edition. Array Length: 0 - 10240
increase_setting	Array of objects	Gradient increment. Array Length: 0 - 10240
stages	Array of TestCaseStage objects	Phase information. Array Length: 0 - 1024
status	Integer	Status (0 : deleted; 1 : enabled; 2 : disabled). Minimum: 0 Maximum: 2147483647
temp_id	Integer	Case ID. Minimum: 0 Maximum: 2147483647
sort	Integer	Sorting field.
directory_id	Integer	Directory ID of the case. This parameter is optional for APIs of earlier versions. Minimum: 0 Maximum: 2147483647
setup_contents	Array of Contents objects	Preparations.

Parameter	Type	Description
user_replicas	Integer	Actuators. Minimum: 0 Maximum: 2147483647
collect_log_policy	Integer	Log collection policy (0 : request mode; 1 : case mode). Minimum: 0 Maximum: 32
link_app_list	Array of integers	Associated full-link application list.
case_info	CaseDoc object	Text case information.

Table 4-81 TestCaseStage

Parameter	Type	Description
operate_mode	Integer	Pressure phase mode (0 : by duration; 1 : by count).
name	String	Phase name.
time	Integer	Duration, in seconds.
start_time	Integer	Start time.
end_time	Integer	End time.
issue_num	Integer	Maximum concurrency.
count	Integer	Total transmission times.
pressure_mode	Integer	Pressure mode (0 : concurrent mode; 1 : TPS mode; 2 : high pressure mode; 3 : surge concurrency mode; 4 : surge TPS mode; 5 : flapping concurrency mode; 6 : flapping TPS mode; 7 : intelligent high pressure mode).
tps_value	Integer	TPS value in TPS mode.
current_user_num	Integer	Start concurrency.
current_tps	Integer	Start TPS value.
voltage_regulating_mode	Integer	Pressure adjustment mode (0 : automated; 1 : manual).
maximum	Integer	Maximum concurrency in the surge mode.

Parameter	Type	Description
minimum	Integer	Minimum concurrency in the surge mode.
loop_count	Integer	Oscillation/surge times.
max_duration	Integer	Peak duration in the surge mode.
ramp_up	Integer	Ramp up (in seconds) in the peakload mode.
peak_load_kpis	StageKpiltems object	Expected KPI.
step_duration	Integer	Single-step execution duration in the intelligent peakload mode.
step_size	Integer	Increase concurrency in the intelligent peakload mode.

Table 4-82 StageKpiltems

Parameter	Type	Description
average_response_time	StageKpiltem object	Average response time.
success_rate	StageKpiltem object	Success rate.

Table 4-83 StageKpiltem

Parameter	Type	Description
comparison	String	Comparison operator.
value	Integer	Comparison value.

Table 4-84 Contents

Parameter	Type	Description
content_id	Integer	Transaction ID. If the transaction ID is not 0 , the card is a transaction. If it is 0 , the card is not a transaction. Minimum: 0 Maximum: 2147483647
content	Array of Content objects	Content. Array Length: 0 - 1000

Parameter	Type	Description
index	Integer	Sorting index. Minimum: 0 Maximum: 2147483647
selected_temp_name	String	Name of the selected transaction or case. Minimum: 0 Maximum: 40960
data	Object	Data to which the loop and condition controller apply.
data_type	Integer	Type (0 : default request; 1 : data instruction; 201 : cycle instruction; 202 : condition instruction; 301 : rendezvous point). Minimum: 0 Maximum: 2147483647
conditions	Object	If the type is 202 (condition instruction), this field configures the condition.
is_disabled	Boolean	Whether to disable the AW.

Table 4-85 Content

Parameter	Type	Description
content_type	Integer	Case card type (1 : think time; 2 : packet; 3 : checkpoint; 4 : variable extraction). Minimum: 0 Maximum: 2147483647
content	ContentInfo object	Content.

Table 4-86 ContentInfo

Parameter	Type	Description
body_type	Integer	Body type (0 : string; 1 : form-data format; 3 : x-www-form-urlencoded format). Minimum: 0 Maximum: 2147483647
body	Array of objects	body

Parameter	Type	Description
check_end_length	Object	Length of the data returned through TCP/UDP.
check_end_str	Object	End character returned through TCP/UDP.
check_end_type	Object	End type (1: data length; 2: end character) returned through TCP/UDP.
connect_timeout	Integer	Timeout duration. Minimum: 0 Maximum: 2147483647
connect_type	Integer	Connection settings. This parameter is not used in the current edition. Minimum: 0 Maximum: 2147483647
headers	Array of ContentHeader objects	Request header. Array Length: 0 - 1024
http_version	String	HTTP version. Minimum: 0 Maximum: 1024
method	String	HTTP method. Minimum: 0 Maximum: 1024
name	String	Case name. Minimum: 0 Maximum: 1024
protocol_type	Integer	Protocol type (1: HTTP; 2: HTTPS; 3: TCP; 4: UDP; 7: HLS/RTMP; 9: WebSocket; 10: HTTP-FLV). Minimum: 0 Maximum: 2147483647
return_timeout	Integer	Response timeout. Minimum: 0 Maximum: 2147483647
return_timeout_param	String	Response timeout parameter. Minimum: 0 Maximum: 40960

Parameter	Type	Description
url	String	Request URL. Minimum: 0 Maximum: 40960
rtmp_url	String	RTMP address. Minimum: 0 Maximum: 40960
flv_url	String	FLV address. Minimum: 0 Maximum: 40960
bitrate_type	Integer	Resolution policy. Minimum: 0 Maximum: 128
duration	Integer	Duration. Minimum: 0 Maximum: 2147483647
retry_delay	Integer	HLS retry delay. Minimum: 0 Maximum: 2147483647
retry_time	Integer	HLS retries. Minimum: 0 Maximum: 2147483647

Table 4-87 ContentHeader

Parameter	Type	Description
key	String	Key. Minimum: 0 Maximum: 40960
value	String	Value. Minimum: 0 Maximum: 40960

Table 4-88 CaseDoc

Parameter	Type	Description
description	String	Case description. Minimum: 0 Maximum: 2147483647
label_names	Array of strings	Tags.
preparation	String	Preparations. Minimum: 0 Maximum: 2147483647
rank	Integer	Case level (0 : L0, 1 : L1, 2 : L2, 3 : L3, 4 : L4). Minimum: 0 Maximum: 64
status_code	Integer	Status (0 : new; 5 : designing; 6 : testing; 7 : completed).
steps	Array of steps objects	Procedure.

Table 4-89 steps

Parameter	Type	Description
expect_result	String	Step description. Minimum: 0 Maximum: 2147483647
test_step	String	Expected result. Minimum: 0 Maximum: 2147483647

Table 4-90 RelatedTempRunningData

Parameter	Type	Description
task_run_info_id	Integer	ID of a running task, that is, the report ID. When a task API (for updating task status or starting or stopping tasks in batches) is called, the running task ID is returned. Minimum: 0 Maximum: 2147483647

Parameter	Type	Description
related_temp_running_id	Integer	ID of a running case. The value is same as that of the running case ID (case_run_id) of other APIs (such as a report API). Minimum: 0 Maximum: 2147483647
temp_id	Integer	Case ID. Minimum: 0 Maximum: 2147483647
temp_name	String	Case name. Minimum: 0 Maximum: 4096
content_method_url	Array of strings	Request information, including the request name, method, and URL.
related_temp_running_data	Array of TempRunningData objects	Brief information about the latest running report.

Table 4-91 TempRunningData

Parameter	Type	Description
content_method_url	Array of strings	Request information, including the request name, method, and URL.
crawler_status	Integer	Request running status (0 : normal response; 1 : parsing failed; 2 : comparison failed; 3 : response timed out).
related_temp_running_id	Integer	ID of a running case. The value is same as that of the running case ID (case_run_id) of other APIs (such as a report API).
task_run_info_id	Integer	ID of a running task, that is, the report ID. When a task API (for updating task status or starting or stopping tasks in batches) is called, the running task ID is returned.
temp_id	Integer	Case or transaction ID.
temp_name	String	Case or transaction name.
temp_running_status	Integer	Running status (9 : waiting to run; 0 : running; 2 : ended; 3 : stopped abnormally; 4 : stopped by the user (completely stopped); 5 : stopped by the user (stopping)).

Example Requests

Modifying the task whose ID is **1** by changing the task name to **task**. The case IDs associated with the task are 16674 and 16675.

```
/v3/{project_id}/tasks/1
{
  "name" : "task",
  "parallel" : false,
  "project_id" : 17543,
  "operate_mode" : 2,
  "case_id_list" : [ 16674, 16675 ]
}
```

Example Responses

Status code: 200

success

```
{
  "code" : "SVCSTG.CPTS.0000000",
  "message" : "success",
  "taskInfo" : {
    "bench_concurrent" : 100,
    "case_list" : [ {
      "case_id" : 211751,
      "case_type" : 0,
      "contents" : [ {
        "content_id" : 0,
        "content" : [ {
          "content_type" : 2,
          "content" : {
            "body_type" : 0,
            "bodys" : [ ],
            "check_end_length" : null,
            "check_end_str" : null,
            "check_end_type" : null,
            "connect_timeout" : 5000,
            "connect_type" : 1,
            "headers" : [ {
              "key" : "Content-Type",
              "value" : "application/json"
            } ],
            "http_version" : "HTTP/1.1",
            "method" : "GET",
            "name" : "Msg-43147",
            "protocol_type" : 1,
            "return_timeout" : 5000,
            "return_timeout_param" : null,
            "url" : "https://www.example.com"
          }
        } ],
        "index" : 0,
        "selected_temp_name" : "",
        "data" : null,
        "data_type" : 0,
        "conditions" : null
      } ],
      "for_loop_params" : [ ],
      "increase_setting" : [ ],
      "sort" : 1,
      "stages" : [ ],
      "status" : 1,
      "temp_id" : 0,
      "user_replicas" : 0
    } ],
  "index" : 0,
  "selected_temp_name" : "",
  "data" : null,
  "data_type" : 0,
  "conditions" : null
}, {
```

```
"case_id" : 213142,  
"case_type" : 0,  
"contents" : null,  
"for_loop_params" : [ ],  
"increase_setting" : [ ],  
"sort" : 2,  
"stages" : [ ],  
"status" : 1,  
"temp_id" : 0,  
"user_replicas" : 0  
} ],  
"create_time" : "2022-01-18T15:20:50.466972+08:00",  
"description" : "",  
"name" : "task",  
"operate_mode" : 2,  
"parallel" : false,  
"project_id" : 122025,  
"related_temp_running_data" : [ ],  
"run_status" : 2,  
"update_time" : "2022-01-20T15:00:44.284053+08:00"  
}  
}
```

Status Codes

Status Code	Description
200	success
501	unknown error

Error Codes

See [Error Codes](#).

4.3 Case Management

4.3.1 Creating a Case (Old Edition)

Function

This API is used to create a case on the old UI.

URI

POST /v1/{project_id}/task-cases

Table 4-92 Path Parameters

Parameter	Mandatory	Type	Description
project_id	Yes	String	Project ID. For details, see Obtaining a Project ID . Minimum: 0 Maximum: 64

Request Parameters

Table 4-93 Request body parameters

Parameter	Mandatory	Type	Description
name	Yes	String	Name. Minimum: 1 Maximum: 42
type	Yes	Integer	Type (0 : common case; 1 : video stream case; 2 : preset case). Minimum: 0 Maximum: 2
task_id	Yes	Integer	Task ID. Minimum: 0 Maximum: 2147483647

Response Parameters

Status code: 201

Table 4-94 Response body parameters

Parameter	Type	Description
code	String	Response code. Minimum: 0 Maximum: 1024
json	CreateCaseResultJson object	json

Parameter	Type	Description
message	String	Response message. Minimum: 0 Maximum: 1024

Table 4-95 CreateCaseResultJson

Parameter	Type	Description
task_case_id	Integer	Case ID. Minimum: 0 Maximum: 2147483647

Example Requests

Creating a case named **case1**. The ID of the task to which the case belongs is **1**.

```
/v1/projectId/task-cases
{
  "name" : "case1",
  "type" : 0,
  "task_id" : 1
}
```

Example Responses

Status code: 201

success

```
{
  "code" : "SVCSTG.CPTS.0000000",
  "json" : {
    "task_case_id" : 213142
  },
  "message" : "success"
}
```

Status code: 501

unknown error

```
""
```

Status Codes

Status Code	Description
201	success
501	unknown error

Error Codes

See [Error Codes](#).

4.3.2 Deleting a Case (Old Edition)

Function

This API is used to delete a case on the old UI.

URI

DELETE /v1/{project_id}/task-cases/{case_id}

Table 4-96 Path Parameters

Parameter	Mandatory	Type	Description
project_id	Yes	String	Project ID. For details, see Obtaining a Project ID . Minimum: 0 Maximum: 64
case_id	Yes	Integer	Case ID. Minimum: 0 Maximum: 2147483647

Request Parameters

None

Response Parameters

None

Example Requests

Deleting the case whose ID is 1.

```
/v1/projectId/task-cases/1
```

Example Responses

None

Status Codes

Status Code	Description
204	success
501	unknown error

Error Codes

See [Error Codes](#).

4.3.3 Modifying a Case (Old Edition)

Function

This API is used to modify a case on the old UI.

URI

PUT /v1/{project_id}/task-cases/{case_id}/target/{target}

Table 4-97 Path Parameters

Parameter	Mandatory	Type	Description
project_id	Yes	String	Project ID. For details, see Obtaining a Project ID . Minimum: 0 Maximum: 64
case_id	Yes	Integer	Case ID. Minimum: 0 Maximum: 2147483647
target	Yes	String	Case type. Minimum: 0 Maximum: 64

Request Parameters

Table 4-98 Request body parameters

Parameter	Mandatory	Type	Description
case_id	No	Integer	Case ID. Minimum: 0 Maximum: 2147483647
name	No	String	Case name. Minimum: 0 Maximum: 1024
case_type	No	Integer	Case type (0 : normal case). Minimum: 0 Maximum: 2147483647
contents	No	Array of Contents objects	Case script information. Array Length: 0 - 1024
for_loop_params	No	Array of objects	Logic controller field of the old edition. This parameter is not used in the current edition. Array Length: 0 - 10240
increase_setting	No	Array of objects	Gradient increment. Array Length: 0 - 10240
stages	No	Array of TestCaseStage objects	Phase information. Array Length: 0 - 1024
status	No	Integer	Status (0 : deleted; 1 : enabled; 2 : disabled). Minimum: 0 Maximum: 2147483647
temp_id	No	Integer	Case ID. Minimum: 0 Maximum: 2147483647
sort	No	Integer	Sorting field.
directory_id	No	Integer	Directory ID of the case. This parameter is optional for APIs of earlier versions. Minimum: 0 Maximum: 2147483647

Parameter	Mandatory	Type	Description
setup_contents	No	Array of Contents objects	Preparations.
user_replicas	No	Integer	Actuators. Minimum: 0 Maximum: 2147483647
collect_log_policy	No	Integer	Log collection policy (0 : request mode; 1 : case mode). Minimum: 0 Maximum: 32
link_app_list	No	Array of integers	Associated full-link application list.
case_info	No	CaseDoc object	Text case information.

Table 4-99 TestCaseStage

Parameter	Mandatory	Type	Description
operate_mode	No	Integer	Pressure phase mode (0 : by duration; 1 : by count).
name	No	String	Phase name.
time	No	Integer	Duration, in seconds.
start_time	No	Integer	Start time.
end_time	No	Integer	End time.
issue_num	No	Integer	Maximum concurrency.
count	No	Integer	Total transmission times.
pressure_mode	No	Integer	Pressure mode (0 : concurrent mode; 1 : TPS mode; 2 : high pressure mode; 3 : surge concurrency mode; 4 : surge TPS mode; 5 : flapping concurrency mode; 6 : flapping TPS mode; 7 : intelligent high pressure mode).
tps_value	No	Integer	TPS value in TPS mode.
current_user_num	No	Integer	Start concurrency.

Parameter	Mandatory	Type	Description
current_tps	No	Integer	Start TPS value.
voltage_regulating_mode	No	Integer	Pressure adjustment mode (0 : automated; 1 : manual).
maximum	No	Integer	Maximum concurrency in the surge mode.
minimum	No	Integer	Minimum concurrency in the surge mode.
loop_count	No	Integer	Oscillation/surge times.
max_duration	No	Integer	Peak duration in the surge mode.
ramp_up	No	Integer	Ramp up (in seconds) in the peakload mode.
peak_load_kpis	No	StageKpiltems object	Expected KPI.
step_duration	No	Integer	Single-step execution duration in the intelligent peakload mode.
step_size	No	Integer	Increase concurrency in the intelligent peakload mode.

Table 4-100 StageKpiltems

Parameter	Mandatory	Type	Description
average_response_time	No	StageKpiltem object	Average response time.
success_rate	No	StageKpiltem object	Success rate.

Table 4-101 StageKpiltem

Parameter	Mandatory	Type	Description
comparison	No	String	Comparison operator.
value	No	Integer	Comparison value.

Table 4-102 Contents

Parameter	Mandatory	Type	Description
content_id	No	Integer	Transaction ID. If the transaction ID is not 0 , the card is a transaction. If it is 0 , the card is not a transaction. Minimum: 0 Maximum: 2147483647
content	No	Array of Content objects	Content. Array Length: 0 - 1000
index	No	Integer	Sorting index. Minimum: 0 Maximum: 2147483647
selected_temp_name	No	String	Name of the selected transaction or case. Minimum: 0 Maximum: 40960
data	No	Object	Data to which the loop and condition controller apply.
data_type	No	Integer	Type (0 : default request; 1 : data instruction; 201 : cycle instruction; 202 : condition instruction; 301 : rendezvous point). Minimum: 0 Maximum: 2147483647
conditions	No	Object	If the type is 202 (condition instruction), this field configures the condition.
is_disabled	No	Boolean	Whether to disable the AW.

Table 4-103 Content

Parameter	Mandatory	Type	Description
content_type	No	Integer	Case card type (1 : think time; 2 : packet; 3 : checkpoint; 4 : variable extraction). Minimum: 0 Maximum: 2147483647

Parameter	Mandatory	Type	Description
content	No	ContentInfo object	Content.

Table 4-104 ContentInfo

Parameter	Mandatory	Type	Description
body_type	No	Integer	Body type (0 : string; 1 : form-data format; 3 : x-www-form-urlencoded format). Minimum: 0 Maximum: 2147483647
bodys	No	Array of objects	bodys
check_end_length	No	Object	Length of the data returned through TCP/UDP.
check_end_str	No	Object	End character returned through TCP/UDP.
check_end_type	No	Object	End type (1 : data length; 2 : end character) returned through TCP/UDP.
connect_timeout	No	Integer	Timeout duration. Minimum: 0 Maximum: 2147483647
connect_type	No	Integer	Connection settings. This parameter is not used in the current edition. Minimum: 0 Maximum: 2147483647
headers	No	Array of ContentHeader objects	Request header. Array Length: 0 - 1024
http_version	No	String	HTTP version. Minimum: 0 Maximum: 1024
method	No	String	HTTP method. Minimum: 0 Maximum: 1024

Parameter	Mandatory	Type	Description
name	No	String	Case name. Minimum: 0 Maximum: 1024
protocol_type	No	Integer	Protocol type (1 : HTTP; 2 : HTTPS; 3 : TCP; 4 : UDP; 7 : HLS/RTMP; 9 : WebSocket; 10 : HTTP-FLV). Minimum: 0 Maximum: 2147483647
return_timeout	No	Integer	Response timeout. Minimum: 0 Maximum: 2147483647
return_timeout_param	No	String	Response timeout parameter. Minimum: 0 Maximum: 40960
url	No	String	Request URL. Minimum: 0 Maximum: 40960
rtmp_url	No	String	RTMP address. Minimum: 0 Maximum: 40960
flv_url	No	String	FLV address. Minimum: 0 Maximum: 40960
bitrate_type	No	Integer	Resolution policy. Minimum: 0 Maximum: 128
duration	No	Integer	Duration. Minimum: 0 Maximum: 2147483647
retry_delay	No	Integer	HLS retry delay. Minimum: 0 Maximum: 2147483647
retry_time	No	Integer	HLS retries. Minimum: 0 Maximum: 2147483647

Table 4-105 ContentHeader

Parameter	Mandatory	Type	Description
key	No	String	Key. Minimum: 0 Maximum: 40960
value	No	String	Value. Minimum: 0 Maximum: 40960

Table 4-106 CaseDoc

Parameter	Mandatory	Type	Description
description	No	String	Case description. Minimum: 0 Maximum: 2147483647
label_names	No	Array of strings	Tags.
preparation	No	String	Preparations. Minimum: 0 Maximum: 2147483647
rank	No	Integer	Case level (0 : L0, 1 : L1, 2 : L2, 3 : L3, 4 : L4). Minimum: 0 Maximum: 64
status_code	No	Integer	Status (0 : new; 5 : designing; 6 : testing; 7 : completed).
steps	No	Array of steps objects	Procedure.

Table 4-107 steps

Parameter	Mandatory	Type	Description
expect_result	No	String	Step description. Minimum: 0 Maximum: 2147483647

Parameter	Mandatory	Type	Description
test_step	No	String	Expected result. Minimum: 0 Maximum: 2147483647

Response Parameters

None

Example Requests

- Modifying a case by adding a request to it.

```
/v1/projectId/task-cases/caseId/target/content
```

```
{
  "contents": [ {
    "content_id": 0,
    "content": [ {
      "content_type": 2,
      "content": {
        "body_type": 0,
        "bodys": [ ],
        "check_end_length": null,
        "check_end_str": null,
        "check_end_type": null,
        "connect_timeout": 5000,
        "connect_type": 1,
        "headers": [ {
          "key": "Content-Type",
          "value": "application/json"
        } ],
        "http_version": "HTTP/1.1",
        "method": "GET",
        "name": "Msg-24642",
        "protocol_type": 1,
        "return_timeout": 5000,
        "return_timeout_param": null,
        "url": "http://1.1.1.1"
      }
    } ],
    "index": 0,
    "selected_temp_name": "",
    "data": null,
    "data_type": 0,
    "conditions": null,
    "is_disabled": false
  } ],
  "for_loop_params": [ ]
}
```

- Modifying a case by adding a pressure phase to it.

```
/v1/projectId/task-cases/caseId/target/stage
```

```
{
  "increase_setting": [ ],
  "stages": [ {
    "count": 1,
    "current_user_num": 10,
    "issue_num": 10,
    "name": "Stage-teeb",
    "operate_mode": 0,
  } ]
}
```

```
"pressure_mode" : 0,
"time" : 60,
"tps_value" : 1,
"voltage_regulating_mode" : 0,
"maximum" : 3,
"minimum" : 1,
"loop_count" : 2,
"max_duration" : 30,
"step_size" : 1,
"step_duration" : 30,
"ramp_up" : 30,
"peak_load_kpis" : {
  "average_response_time" : {
    "comparison" : "<=",
    "value" : 60000
  },
  "success_rate" : {
    "comparison" : ">=",
    "value" : 0
  }
}
}]
}
```

- Modifying a case by changing its name to **testCase**.

```
/v1/projectId/task-cases/caseId/target/name
{
  "name" : "testCase"
}
```

Example Responses

None

Status Codes

Status Code	Description
202	success
501	unknown error

Error Codes

See [Error Codes](#).

4.3.4 Debugging a Case

Function

This API is used to debug a case.

URI

```
POST /v1/{project_id}/test-suites/{test_suite_id}/tasks/{task_id}/cases/{case_id}/
debug
```

Table 4-108 Path Parameters

Parameter	Mandatory	Type	Description
project_id	Yes	String	Project ID. For details, see Obtaining a Project ID . Minimum: 0 Maximum: 64
test_suite_id	Yes	Integer	Test project ID. Minimum: 0 Maximum: 2147483647
task_id	Yes	Integer	Task ID. Minimum: 0 Maximum: 2147483647
case_id	Yes	Integer	Case ID. Minimum: 0 Maximum: 2147483647

Request Parameters

Table 4-109 Request body parameters

Parameter	Mandatory	Type	Description
status	Yes	Integer	Status (9 : debugging started). Minimum: 0 Maximum: 2147483647
cluster_id	Yes	Integer	Resource group ID. Minimum: 0 Maximum: 2147483647
cluster_type	Yes	String	Resource group type (shared-cluster-internet : shared resource group; private-cluster : private resource group). Minimum: 0 Maximum: 1024

Parameter	Mandatory	Type	Description
without_package	Yes	Integer	Whether to use the pay-per-use billing mode when the VUM of the package is insufficient. The value is fixed at 0 in the current edition. Minimum: 0 Maximum: 2147483647

Response Parameters

Status code: 200

Table 4-110 Response body parameters

Parameter	Type	Description
code	String	Response code. Minimum: 0 Maximum: 1024
message	String	Response message. Minimum: 0 Maximum: 1024
extend	String	Extension information. Minimum: 0 Maximum: 1024
result	Array of DebugCaseResult objects	Result. Array Length: 0 - 1024

Table 4-111 DebugCaseResult

Parameter	Type	Description
body	String	Response content.
errorReason	String	Error cause. Minimum: 0 Maximum: 1024
header	DebugCaseResultHeader object	Request header.

Parameter	Type	Description
name	String	Request name. Minimum: 0 Maximum: 1024
responseTime	Integer	Response time. Minimum: 0 Maximum: 1024
result	Integer	Debugging result (1: successful). Minimum: 0 Maximum: 2147483647
returnBody	String	Response body. Minimum: 0 Maximum: 40960
returnHeader	DebugCaseReturnHeader object	Response header.
statusCode	String	Response status code. Minimum: 0 Maximum: 1024
url	String	Request URL. Minimum: 0 Maximum: 1024

Table 4-112 DebugCaseResultHeader

Parameter	Type	Description
Connection	String	Connection. Minimum: 0 Maximum: 1024
Content-Type	String	Content type. Minimum: 0 Maximum: 1024
Host	String	Host. Minimum: 0 Maximum: 1024

Table 4-113 DebugCaseReturnHeader

Parameter	Type	Description
Connection	String	Connection. Minimum: 0 Maximum: 1024
Content-Length	String	Content length. Minimum: 0 Maximum: 1024
Content-Type	String	Content type. Minimum: 0 Maximum: 1024
Date	String	Time. Minimum: 0 Maximum: 1024
Vary	String	This parameter is reserved for compatibility and is not used in the current edition. Minimum: 0 Maximum: 1024

Example Requests

Debugging the case whose ID is **1**. Use the shared resource group to start debugging.

```
/v1/projectId/test-suites/testSuiteId/tasks/0/cases/1/debug  
  
{  
  "status" : 9,  
  "cluster_id" : 0,  
  "cluster_type" : "shared-cluster-internet",  
  "without_package" : 1  
}
```

Example Responses

Status code: 200

success

```
{  
  "code" : "SVCSTG.CPTS.0000000",  
  "message" : "success",  
  "extend" : null,  
  "result" : [ {  
    "body" : "",  
    "errorReason" : "",  
    "header" : {  
      "Content-Type" : "application/json",  
      "Host" : "100.93.1.72:8443"  
    }  
  } ]  
}
```

```
},
"name" : "Msg-84012",
"responseTime" : 24,
"result" : 1,
"returnBody" : "",
"returnHeader" : {
  "Content-Length" : "0",
  "Content-Type" : "text/plain; charset=utf-8",
  "Date" : "Mon, 19 Sep 2022 07:29:46 GMT"
},
"statusCode" : "200 OK",
"url" : "GET https://100.93.1.72:8443/goserver/reflect"
}]
}
```

Status Codes

Status Code	Description
200	success
501	unknown error

Error Codes

See [Error Codes](#).

4.4 Global Variable Management

4.4.1 Querying a Global Variable

Function

This API is used to query a global variable.

URI

GET /v1/{project_id}/variables/{variable_type}/test-suites/{test_suite_id}

Table 4-114 Path Parameters

Parameter	Mandatory	Type	Description
variable_type	Yes	Integer	Variable type. Minimum: 0 Maximum: 2147483647

Parameter	Mandatory	Type	Description
project_id	Yes	String	Project ID. For details, see Obtaining a Project ID . Minimum: 0 Maximum: 64
test_suite_id	Yes	Integer	Test project ID. Minimum: 0 Maximum: 2147483647

Request Parameters

None

Response Parameters

Status code: 200

Table 4-115 Response body parameters

Parameter	Type	Description
code	String	Response code. Minimum: 0 Maximum: 1024
message	String	Response message. Minimum: 0 Maximum: 1024
variable_list	Array of VariableDetail objects	Variable list. Array Length: 0 - 1024

Table 4-116 VariableDetail

Parameter	Type	Description
file_size	Integer	File size. Minimum: 0 Maximum: 2147483647
id	Integer	Variable ID. Minimum: 0 Maximum: 2147483647

Parameter	Type	Description
is_quoted	Boolean	Reference status
name	String	Variable name. Minimum: 0 Maximum: 1024
variable	Array of objects	Variable value. Array Length: 0 - 40960
variable_type	Integer	Variable type (1 : integer; 2 : enumeration; 3 : file; 5 : text). Minimum: 0 Maximum: 2147483647
variable_mode	Integer	Variable read mode (0 : sequential mode; 1 : random mode).
share_mode	Integer	Variable sharing mode (0 : case mode; 1 : concurrent mode).

Example Requests

Querying the variable list of the PerfTest project.

```
/v1/{project_id}/variables/{variable_type}/test-suites/1
```

```
{
  "code" : "SVCSTG.CPTS.0000000",
  "message" : "success",
  "variable_list" : [ {
    "file_size" : 0,
    "id" : 156769,
    "is_quoted" : false,
    "is_sensitive" : false,
    "name" : "var1",
    "share_mode" : 0,
    "variable" : [ "test" ],
    "variable_mode" : 0,
    "variable_type" : 2
  } ]
}
```

Example Responses

Status code: 200

success

```
{
  "code" : "SVCSTG.CPTS.0000000",
  "message" : "success",
  "variable_list" : [ {
    "file_size" : 0,
    "id" : 37615,
    "is_quoted" : false,
    "name" : "var1",
```

```
"share_mode" : 0,
"variable" : [ 1, 20 ],
"variable_mode" : 0,
"variable_type" : 1
}, {
"file_size" : 0,
"id" : 36306,
"is_quoted" : true,
"name" : "var2",
"share_mode" : 0,
"variable" : [ "domain-example.com" ],
"variable_mode" : 0,
"variable_type" : 2
}
]
```

Status Codes

Status Code	Description
200	success
501	unknown error

Error Codes

See [Error Codes](#).

4.4.2 Creating a Variable

Function

This API is used to create a variable.

URI

POST /v1/{project_id}/variables/{test_suite_id}

Table 4-117 Path Parameters

Parameter	Mandatory	Type	Description
project_id	Yes	String	Project ID. For details, see Obtaining a Project ID . Minimum: 0 Maximum: 64
test_suite_id	Yes	Integer	Test project ID. Minimum: 0 Maximum: 2147483647

Request Parameters

Table 4-118 Request body parameters

Parameter	Mandatory	Type	Description
[items]	Yes	Array of CreateVariableRequestBody objects	Request body for creating a global variable.

Table 4-119 CreateVariableRequestBody

Parameter	Mandatory	Type	Description
id	Yes	Integer	Variable ID. Minimum: 0 Maximum: 2147483647
name	Yes	String	Variable name. Minimum: 1 Maximum: 42
variable_type	Yes	Integer	Variable type (1 : integer; 2 : enumeration; 3 : file; 5 : text). Minimum: 0 Maximum: 2147483647
variable	Yes	Array of objects	Variable value. Array Length: 0 - 1024
is_quoted	Yes	Boolean	Reference status

Response Parameters

Status code: 201**Table 4-120** Response body parameters

Parameter	Type	Description
code	String	Response code. Minimum: 0 Maximum: 1024
json	CreateVariableResultJson object	Response JSON.

Parameter	Type	Description
message	String	Response message. Minimum: 0 Maximum: 1024

Table 4-121 CreateVariableResultJson

Parameter	Type	Description
variable_id	Integer	Variable ID. Minimum: 0 Maximum: 2147483647

Example Requests

Creating a global variable named **varTest**. The ID of the project to which the variable belongs is **1**, the variable type is integer, and the variable value ranges from 1 to 10.

```
/v1/projectId/variables/1
```

```
[ {  
  "name" : "varTest",  
  "variable_type" : 1,  
  "variable" : [ 1, 10 ],  
  "is_quoted" : false  
} ]
```

Example Responses

Status code: 201

success

```
{  
  "code" : "SVCSTG.CPTS.0000000",  
  "json" : {  
    "variable_id" : 44245  
  },  
  "message" : "success"  
}
```

Status Codes

Status Code	Description
201	success
501	unknown error

Error Codes

See [Error Codes](#).

4.4.3 Modifying a Variable

Function

This API is used to modify a variable.

URI

PUT /v1/{project_id}/variables/{test_suite_id}

Table 4-122 Path Parameters

Parameter	Mandatory	Type	Description
project_id	Yes	String	Project ID. For details, see Obtaining a Project ID . Minimum: 0 Maximum: 64
test_suite_id	Yes	Integer	Test project ID. Minimum: 0 Maximum: 2147483647

Request Parameters

Table 4-123 Request body parameters

Parameter	Mandatory	Type	Description
[items]	Yes	Array of UpdateVariableRequestB ody objects	Request body for modifying a variable.

Table 4-124 UpdateVariableRequestBody

Parameter	Mandatory	Type	Description
id	Yes	Integer	Variable ID. Minimum: 0 Maximum: 2147483647

Parameter	Mandatory	Type	Description
name	Yes	String	Variable name. Minimum: 1 Maximum: 42
variable_type	Yes	Integer	Variable type (1: integer; 2: enumeration; 3: file; 5: text). Minimum: 0 Maximum: 2147483647
variable	Yes	Array of objects	Variable value. Array Length: 0 - 1024

Response Parameters

Status code: 201

Table 4-125 Response body parameters

Parameter	Type	Description
code	String	Response code. Minimum: 0 Maximum: 1024
json	CreateVariableResultJson object	Response JSON.
message	String	Response message. Minimum: 0 Maximum: 1024

Table 4-126 CreateVariableResultJson

Parameter	Type	Description
variable_id	Integer	Variable ID. Minimum: 0 Maximum: 2147483647

Example Requests

Modifying the global variable named **varTest**. The ID of the project to which the variable belongs is **1**, the variable type is integer, and the variable value ranges from 1 to 10.

```
/v1/projectId/variables/1  
  
[ {  
  "id" : 1,  
  "name" : "varTest",  
  "variable_type" : 1,  
  "variable" : [ 1, 10 ]  
} ]
```

Example Responses

Status code: 201

success

```
{  
  "code" : "SVCSTG.CPTS.0000000",  
  "json" : {  
    "variable_id" : 44244  
  },  
  "message" : "success"  
}
```

Status Codes

Status Code	Description
201	success
501	unknown error

Error Codes

See [Error Codes](#).

4.4.4 Deleting a Global Variable

Function

This API is used to delete a global variable.

URI

DELETE /v1/{project_id}/variables

Table 4-127 Path Parameters

Parameter	Mandatory	Type	Description
project_id	Yes	String	Project ID. For details, see Obtaining a Project ID . Minimum: 0 Maximum: 64

Table 4-128 Query Parameters

Parameter	Mandatory	Type	Description
variable_id	Yes	Integer	Global variable ID.
test_suite_id	Yes	Integer	Project ID.

Request Parameters

None

Response Parameters

None

Example Requests

Deleting the global variable whose ID is **1**. The ID of the project to which the variable belongs is **1**.

```
/v1/{project_id}/variables?variable_id=1&test_suite_id=1
```

Example Responses

None

Status Codes

Status Code	Description
200	success
501	unknown error

Error Codes

See [Error Codes](#).

4.5 Transaction Management

4.5.1 Querying a Transaction Set

Function

This API is used to query a transaction set.

URI

GET /v1/{project_id}/all-templates/{test_suite_id}

Table 4-129 Path Parameters

Parameter	Mandatory	Type	Description
project_id	Yes	String	Project ID. For details, see Obtaining a Project ID . Minimum: 0 Maximum: 64
test_suite_id	Yes	Integer	Test project ID. Minimum: 0 Maximum: 2147483647

Table 4-130 Query Parameters

Parameter	Mandatory	Type	Description
offset	No	Integer	Query offset. Minimum: 0 Maximum: 2147483647
limit	No	Integer	Number of queried records. Minimum: 0 Maximum: 2147483647

Request Parameters

None

Response Parameters

Status code: **200**

Table 4-131 Response body parameters

Parameter	Type	Description
code	String	Response code. Minimum: 0 Maximum: 1024
message	String	Response message. Minimum: 0 Maximum: 1024
temps	Array of TempDetailInfo objects	temps Array Length: 0 - 1024

Table 4-132 TempDetailInfo

Parameter	Type	Description
description	String	Description.
id	Integer	Transaction ID. Minimum: 0 Maximum: 2147483647
is_quoted	Boolean	Reference status
name	String	Transaction name. Minimum: 0 Maximum: 1024
temp_type	Integer	Transaction type (deprecated, reserved for compatibility). Minimum: 0 Maximum: 2147483647
update_time	String	Update time. Minimum: 0 Maximum: 1024

Example Requests

Querying the transaction set. The ID of the project to which the transactions belong is **1**.

```
/v1/projectId/all-templates/1  
  
{  
  "code" : "SVCSTG.CPTS.0000000",
```

```
"message" : "success",  
"temps" : [ {  
  "description" : "",  
  "id" : 155175,  
  "is_quoted" : false,  
  "name" : "test",  
  "temp_type" : 0,  
  "update_time" : "2023-06-16T15:49:19.128871+08:00"  
} ]  
}
```

Example Responses

Status code: 200

success

```
{  
  "code" : "SVCSTG.CPTS.0000000",  
  "message" : "success",  
  "temps" : [ {  
    "description" : "",  
    "id" : 114448,  
    "is_quoted" : false,  
    "name" : "temp1",  
    "temp_type" : 0,  
    "update_time" : "2022-07-20T17:49:20.984763+08:00"  
  }, {  
    "description" : "",  
    "id" : 115964,  
    "is_quoted" : false,  
    "name" : "temp2",  
    "temp_type" : 0,  
    "update_time" : "2022-07-20T17:38:12.696491+08:00"  
  } ]  
}
```

Status Codes

Status Code	Description
200	success
501	unknown error

Error Codes

See [Error Codes](#).

4.5.2 Creating a Transaction

Function

This API is used to create a transaction.

URI

POST /v1/{project_id}/templates

Table 4-133 Path Parameters

Parameter	Mandatory	Type	Description
project_id	Yes	String	Project ID. For details, see Obtaining a Project ID . Minimum: 0 Maximum: 64

Request Parameters

Table 4-134 Request body parameters

Parameter	Mandatory	Type	Description
project_id	Yes	Integer	Project ID. Minimum: 0 Maximum: 2147483647
temp_type	Yes	Integer	Transaction type. Minimum: 0 Maximum: 2147483647
name	Yes	String	Transaction name. Minimum: 1 Maximum: 42
description	No	String	Description. Minimum: 0 Maximum: 1024
contents	No	Array of objects	Transaction script information.

Response Parameters

Status code: 201

Table 4-135 Response body parameters

Parameter	Type	Description
code	String	Response code. Minimum: 0 Maximum: 1024

Parameter	Type	Description
templd	Integer	Transaction ID. Minimum: 0 Maximum: 2147483647
message	String	Response message. Minimum: 0 Maximum: 1024

Example Requests

Creating a transaction named **testTemp**. The ID of the project to which the transaction belongs is **1**.

```
/v1/{project_id}/templates
{
  "project_id" : 1,
  "temp_type" : 0,
  "name" : "testTemp",
  "contents" : [ ]
}
```

Example Responses

Status code: 201

success

```
{
  "code" : "SVCSTG.CPTS.0000000",
  "message" : "success",
  "templd" : 155231
}
```

Status Codes

Status Code	Description
201	success
501	unknown error

Error Codes

See [Error Codes](#).

4.5.3 Querying a Transaction

Function

This API is used to query a transaction.

URI

GET /v1/{project_id}/templates/{template_id}

Table 4-136 Path Parameters

Parameter	Mandatory	Type	Description
project_id	Yes	String	Project ID. For details, see Obtaining a Project ID . Minimum: 0 Maximum: 64
template_id	Yes	Integer	Transaction ID. Minimum: 0 Maximum: 2147483647

Request Parameters

None

Response Parameters

Status code: 200

Table 4-137 Response body parameters

Parameter	Type	Description
code	String	Response code. Minimum: 0 Maximum: 1024
message	String	Response message. Minimum: 0 Maximum: 1024
temp_info	TempInfo object	Transaction details.

Table 4-138 TemplInfo

Parameter	Type	Description
id	Integer	Transaction ID. Minimum: 0 Maximum: 2147483647
project_id	Integer	Project ID. Minimum: 0 Maximum: 2147483647
name	String	Transaction name. Minimum: 0 Maximum: 1024
description	String	Transaction description. Minimum: 0 Maximum: 1024
variables	String	Variable. Minimum: 0 Maximum: 1024
contents	Array of objects	Transaction script information. Array Length: 0 - 1024
temp_type	Integer	Transaction type (deprecated). Minimum: 0 Maximum: 2147483647
for_loop_params	Array of objects	Logic controller field of the old edition. This parameter is not used in the current edition. Array Length: 0 - 1024
logic_controller	LogicController object	Logic controller information.
enable_pre	Boolean	Whether to enable the preset transaction. This parameter is not used in the current edition.

Table 4-139 LogicController

Parameter	Type	Description
for_loop_params	String	Logic controller field of the old edition. This parameter is not used in the current edition. Minimum: 0 Maximum: 1024

Parameter	Type	Description
condition	String	Logic controller condition. Minimum: 0 Maximum: 1024

Example Requests

Querying details about the transaction whose ID is 1.

```
/v1/{project_id}/templates/1
{
  "code" : "SVCSTG.CPTS.0000000",
  "message" : "success",
  "temp_info" : {
    "id" : 155175,
    "project_id" : 403931,
    "name" : "test",
    "description" : "",
    "variables" : null,
    "contents" : [ {
      "content_id" : 155175,
      "content" : [ {
        "content_type" : 2,
        "content" : {
          "_adressValue" : "http://1.1.1.1",
          "body_type" : 0,
          "bodies" : [ ],
          "check_end_length" : null,
          "check_end_str" : null,
          "check_end_type" : null,
          "connect_timeout" : 5000,
          "connect_type" : 1,
          "headers" : [ {
            "key" : "Content-Type",
            "value" : "application/json"
          } ],
          "http_version" : "HTTP/1.1",
          "method" : "GET",
          "name" : "Msg-8015",
          "protocol_type" : 1,
          "return_timeout" : 5000,
          "return_timeout_param" : null,
          "url" : "http://1.1.1.1"
        }
      } ],
      "index" : -1,
      "selected_temp_name" : "",
      "data" : null,
      "data_type" : 0,
      "conditions" : null,
      "is_disabled" : false,
      "is_continue" : false
    } ],
    "temp_type" : 0,
    "for_loop_params" : [ ],
    "logic_controller" : {
      "for_loop_params" : null,
      "condition" : null
    }
  },
  "enable_pre" : false
}
```


Example Responses

Status code: 200

success

```
{
  "code" : "SVCSTG.CPTS.0000000",
  "message" : "success",
  "temp_info" : {
    "id" : 21531,
    "project_id" : 17543,
    "name" : "transaction",
    "description" : "",
    "variables" : null,
    "contents" : [ {
      "content_id" : 21531,
      "content" : [ {
        "content_type" : 2,
        "content" : {
          "body_type" : 0,
          "bodies" : [ ],
          "check_end_length" : null,
          "check_end_str" : null,
          "check_end_type" : null,
          "connect_timeout" : 5000,
          "connect_type" : 1,
          "headers" : [ {
            "key" : "Content-Type",
            "value" : "application/json"
          } ],
          "http_version" : "HTTP/1.1",
          "method" : "GET",
          "name" : "Msg-73387",
          "protocol_type" : 2,
          "return_timeout" : 5000,
          "return_timeout_param" : null,
          "url" : "https://www.domain-example.com"
        }
      } ],
      "index" : -1,
      "selected_temp_name" : "",
      "data" : null,
      "data_type" : 0,
      "conditions" : null,
      "is_disabled" : false,
      "is_continue" : false
    } ],
    "temp_type" : 0,
    "for_loop_params" : [ ],
    "logic_controller" : {
      "for_loop_params" : null,
      "condition" : null
    }
  },
  "enable_pre" : false
}
```

Status Codes

Status Code	Description
200	success
501	unknown error

Error Codes

See [Error Codes](#).

4.5.4 Modifying a Transaction

Function

This API is used to modify a transaction

URI

PUT /v1/{project_id}/templates/{template_id}

Table 4-140 Path Parameters

Parameter	Mandatory	Type	Description
template_id	Yes	Integer	Transaction ID. Minimum: 0 Maximum: 2147483647
project_id	Yes	String	Project ID. For details, see Obtaining a Project ID . Minimum: 0 Maximum: 64

Request Parameters

Table 4-141 Request body parameters

Parameter	Mandatory	Type	Description
id	Yes	Integer	Transaction ID. Minimum: 0 Maximum: 2147483647
project_id	Yes	Integer	Project ID. Minimum: 0 Maximum: 2147483647
name	Yes	String	Transaction name. Minimum: 1 Maximum: 42

Parameter	Mandatory	Type	Description
temp_type	No	Integer	Transaction type. Minimum: 0 Maximum: 2147483647
description	No	String	Description. Minimum: 0 Maximum: 1024
for_loop_params	No	Array of objects	Logic controller field of the old edition. This parameter is not used in the current edition. Array Length: 0 - 1024
enable_pre	No	Boolean	Whether to enable the preset transaction. This parameter is not used in the current edition.
contents	No	Array of TempContentInfo objects	Transaction script information. Array Length: 0 - 1024

Table 4-142 TempContentInfo

Parameter	Mandatory	Type	Description
content_id	No	Integer	Packet ID, transaction ID, or plug-in ID. Minimum: 0 Maximum: 2147483647
content	No	Array of Content objects	Content. Array Length: 0 - 1000
index	No	Integer	Index. Minimum: 0 Maximum: 2147483647
data	No	Object	Data instruction content.

Parameter	Mandatory	Type	Description
data_type	No	Integer	Data instruction type (0 : default request card; 1 : data instruction; 201 : loop instruction; 202 : condition instruction; 203 : VU percentage controller; 204 : throughput controller; 301 : rendezvous point; 302 : plug-in request). Minimum: 0 Maximum: 2147483647

Table 4-143 Content

Parameter	Mandatory	Type	Description
content_type	No	Integer	Case card type (1 : think time; 2 : packet; 3 : checkpoint; 4 : variable extraction). Minimum: 0 Maximum: 2147483647
content	No	ContentInfo object	Content.

Table 4-144 ContentInfo

Parameter	Mandatory	Type	Description
body_type	No	Integer	Body type (0 : string; 1 : form-data format; 3 : x-www-form-urlencoded format). Minimum: 0 Maximum: 2147483647
bodys	No	Array of objects	bodys
check_end_length	No	Object	Length of the data returned through TCP/UDP.
check_end_str	No	Object	End character returned through TCP/UDP.
check_end_type	No	Object	End type (1 : data length; 2 : end character) returned through TCP/UDP.

Parameter	Mandatory	Type	Description
connect_timeout	No	Integer	Timeout duration. Minimum: 0 Maximum: 2147483647
connect_type	No	Integer	Connection settings. This parameter is not used in the current edition. Minimum: 0 Maximum: 2147483647
headers	No	Array of ContentHeader objects	Request header. Array Length: 0 - 1024
http_version	No	String	HTTP version. Minimum: 0 Maximum: 1024
method	No	String	HTTP method. Minimum: 0 Maximum: 1024
name	No	String	Case name. Minimum: 0 Maximum: 1024
protocol_type	No	Integer	Protocol type (1 : HTTP; 2 : HTTPS; 3 : TCP; 4 : UDP; 7 : HLS/RTMP; 9 : WebSocket; 10 : HTTP-FLV). Minimum: 0 Maximum: 2147483647
return_timeout	No	Integer	Response timeout. Minimum: 0 Maximum: 2147483647
return_timeout_param	No	String	Response timeout parameter. Minimum: 0 Maximum: 40960
url	No	String	Request URL. Minimum: 0 Maximum: 40960

Parameter	Mandatory	Type	Description
rtmp_url	No	String	RTMP address. Minimum: 0 Maximum: 40960
flv_url	No	String	FLV address. Minimum: 0 Maximum: 40960
bitrate_type	No	Integer	Resolution policy. Minimum: 0 Maximum: 128
duration	No	Integer	Duration. Minimum: 0 Maximum: 2147483647
retry_delay	No	Integer	HLS retry delay. Minimum: 0 Maximum: 2147483647
retry_time	No	Integer	HLS retries. Minimum: 0 Maximum: 2147483647

Table 4-145 ContentHeader

Parameter	Mandatory	Type	Description
key	No	String	Key. Minimum: 0 Maximum: 40960
value	No	String	Value. Minimum: 0 Maximum: 40960

Response Parameters

None

Example Requests

Modifying the transaction whose ID is **1** and its request information. The ID of the project to which the transaction belongs is **1**.

```
/v1/{project_id}/templates/1
{
  "contents": [ {
    "content": [ {
      "content": {
        "body_type": 0,
        "bodies": [ ],
        "check_end_length": null,
        "check_end_str": null,
        "check_end_type": null,
        "connect_timeout": 5000,
        "connect_type": 1,
        "headers": [ {
          "key": "Content-Type",
          "value": "application/json"
        } ],
        "http_version": "HTTP/1.1",
        "method": "GET",
        "name": "Msg-31445",
        "protocol_type": 2,
        "return_timeout": 5000,
        "return_timeout_param": null,
        "url": "https://www.domain-example.com"
      },
      "content_type": 2
    } ],
    "content_id": 2346,
    "index": 0
  } ],
  "description": "",
  "enable_pre": false,
  "for_loop_params": [ ],
  "id": 1,
  "name": "transaction_test",
  "project_id": 1,
  "temp_type": 0
}
```

Example Responses

None

Status Codes

Status Code	Description
204	success
501	unknown error

Error Codes

See [Error Codes](#).

4.5.5 Deleting a Transaction

Function

This API is used to delete a transaction.

URI

DELETE /v1/{project_id}/templates/{template_id}

Table 4-146 Path Parameters

Parameter	Mandatory	Type	Description
project_id	Yes	String	Project ID. For details, see Obtaining a Project ID . Minimum: 0 Maximum: 64
template_id	Yes	Integer	Transaction ID. Minimum: 0 Maximum: 2147483647

Request Parameters

None

Response Parameters

Status code: 200

Table 4-147 Response body parameters

Parameter	Type	Description
code	String	Response code. Minimum: 0 Maximum: 1024
message	String	Response message. Minimum: 0 Maximum: 1024

Example Requests

Deleting the transaction whose ID is **1**.

```
/v1/{project_id}/templates/1
```

Example Responses

None

Status Codes

Status Code	Description
200	success
501	unknown error

Error Codes

See [Error Codes](#).

4.6 Report Management

4.6.1 Querying a Report

Function

This API is used to query a report.

URI

GET /v1/{project_id}/task-run-infos/{task_run_id}/case-run-infos/{case_run_id}/reports

Table 4-148 Path Parameters

Parameter	Mandatory	Type	Description
task_run_id	Yes	Integer	ID of a running task, that is, the report ID. When a task API (for updating task status or starting or stopping tasks in batches) is called, the running task ID is returned. Minimum: 0 Maximum: 2147483647

Parameter	Mandatory	Type	Description
case_run_id	Yes	Integer	ID of a running case. You can use the running task ID (task_run_id) as the path parameter to call the API for querying the case list of the task (see "Report Management") to obtain the ID set of the running cases associated with the report, and then use result.case_aw_info_list[index].case_uri_i as the index to locate the running case ID (case_run_id) in the response structure. Minimum: 0 Maximum: 2147483647
project_id	Yes	String	Project ID. For details, see Obtaining a Project ID . Minimum: 0 Maximum: 64

Table 4-149 Query Parameters

Parameter	Mandatory	Type	Description
breaks_limit_count	Yes	Integer	Number of curve points. Minimum: 0 Maximum: 2147483647

Request Parameters

None

Response Parameters

Status code: **200**

Table 4-150 Response body parameters

Parameter	Type	Description
code	String	Response code. Minimum: 0 Maximum: 1024
message	String	Response message. Minimum: 0 Maximum: 1024
extend	String	Extension information. Minimum: 0 Maximum: 1024
result	ReportInfo object	Report data returned by the data service.

Table 4-151 ReportInfo

Parameter	Type	Description
brokens	ReportbrokensInfo object	Curve data.
details	ReportdetailsInfo object	Table data details.
outline	ReportoutlineInfo object	Summary data.
rtproportion	String	Response time distribution.
taskInfo	ReportTaskInfo object	Task information.
respTimeRange	Object	Response time distribution.

Table 4-152 ReportbrokensInfo

Parameter	Type	Description
brand_broken_s	BrandBroken_s object	Bandwidth curve data.
commonTimeStamps	Array of strings	Timestamp.

Parameter	Type	Description
respcode_brokens	RespcodeBrokens object	Response code curve data.
tps_brokens	TpsBrokens object	TPS and response time curve data.
vusers_brokens	VusersBroken s object	Vusers curve data.

Table 4-153 BrandBrokens

Parameter	Type	Description
recBytes	Array of doubles	Number of received bytes.
sentBytes	Array of doubles	Number of sent bytes.

Table 4-154 RespcodeBrokens

Parameter	Type	Description
checkPointFailed	Array of doubles	Verification failed.
error	Array of doubles	The request is abnormal.
othersFailed	Array of doubles	Other failures.
parsedFailed	Array of doubles	Parsing failed.
refusedFailed	Array of doubles	The connection is rejected.
success	Array of doubles	The request is successful.
timeout	Array of doubles	Timeout failure.

Table 4-155 TpsBrokens

Parameter	Type	Description
average	Array of doubles	Average response time.
tps	Array of doubles	tps

Table 4-156 VusersBrokens

Parameter	Type	Description
vusers	Array of doubles	Number of virtual users.

Table 4-157 ReportdetailsInfo

Parameter	Type	Description
data	Array of ReportdetailItemInfo objects	Table data.
pageIndex	Integer	Page number.
pageSize	Integer	Number of records displayed on each page.
total	Integer	Total number of records.

Table 4-158 ReportdetailItemInfo

Parameter	Type	Description
customTransactions	Array of strings	User-defined transaction data.
detailDatas	Array of DetailDataInfo objects	AW data.
performance	PerformanceInfo object	Case data.

Table 4-159 DetailDataInfo

Parameter	Type	Description
averageRespTime	Double	Average response time.
avgRecBytes	Double	Average number of received bytes.
avgSentBytes	Double	Average number of sent bytes.
avgTranRespTime	Double	Average transaction response time.
caseUri	String	Case URI.
createTime	String	Creation time.
currentThreadNum	Double	Maximum number of concurrent users.
detailId	String	Details ID.
endTime	String	End time.
errorCount	Double	Number of failed requests.
errorEventsCount	Double	Number of transactions at the ERROR level.
failedAssert	Double	Assertion failed.
failedOthers	Double	Other failures.
failedParsed	Double	Parsing failed.
failedRefused	Double	The connection is rejected.
failedTimeout	Double	Timeout failure.
id	String	id
isAW	Boolean	Whether it is an AW type.
max	Double	Maximum response time.
maxRecBytes	Double	Maximum number of received bytes.
maxRespTime	Double	Maximum response time for the concurrency limit estimation.
maxSentBytes	Double	Maximum number of sent bytes.
maxTranRespTime	Double	Maximum transaction response time.
min	Double	Minimum response time.
minNetworkTraffic	Double	Minimum bandwidth.

Parameter	Type	Description
name	String	Name.
requests	Double	Number of requests.
result	Double	AW execution result.
startTime	String	Start time.
status	Double	Case status.
successCount	Double	Number of successful requests.
successRate	Double	Success rate.
sum1xx	Double	Number of 1xx requests.
sum2xx	Double	Number of 2xx requests.
sum3xx	Double	Number of 3xx requests.
sum4xx	Double	Number of 4xx requests.
sum5xx	Double	Number of 5xx requests.
taskId	String	Task ID_Round.
taskProjectId	String	Task ID.
taskStatus	Double	Task status.
testCaseUri	String	Case URI.
tp50	Double	tp50
tp75	Double	tp75
tp90	Double	tp90
tp95	Double	tp95
tp99	Double	tp99
tps	Double	tps
tranTPS	Double	Transaction TPS.
transactionId	String	Transaction ID.
transactionSuccess	Double	Transaction success rate.
transactionalSuccessRate	Double	Transaction success rate.
transactionalTPS	Double	User-defined transaction TPS.
transactionalTPSSuccess	Double	Success rate of a customized transaction.

Parameter	Type	Description
transactions	Double	Number of transactions.
updateTime	String	Update time.
vum	Double	Minutes x Number of virtual concurrent users.
avgNetworkTraffic	Double	Average bandwidth.
maxNetworkTraffic	Double	Maximum bandwidth.

Table 4-160 PerformanceInfo

Parameter	Type	Description
averageResponseTime	Double	Average response time.
avgNetworkTraffic	Double	Average bandwidth.
avgRecBytes	Double	Average downlink bandwidth.
avgSentBytes	Double	Average uplink bandwidth.
avgTranResponseTime	Double	Average transaction response time.
caseUri	String	Case URI.
createTime	String	Creation time.
currentThreadNum	Double	Maximum number of concurrent users.
detailId	String	Details ID.
endTime	String	End time.
errorCount	Double	Number of failed requests.
errorEventsCount	Double	Number of transactions at the ERROR level.
failedAssert	Double	Assertion failed.
failedOthers	Double	Other failures.
failedParsed	Double	Parsing failed.
failedRefused	Double	The connection is rejected.
failedTimeout	Double	Timeout failure.

Parameter	Type	Description
id	String	id
isAW	Boolean	Whether it is an AW type.
max	Double	Maximum response time.
maxNetworkTraffic	Double	Maximum bandwidth.
maxRecBytes	Double	Maximum number of received bytes.
maxRespTime	Double	Concurrency limit estimation result: response time.
maxSentBytes	Double	Maximum transmit bandwidth.
maxTranRespTime	Double	Maximum transaction response time.
min	Double	Minimum response time.
minNetworkTraffic	Double	Minimum bandwidth.
name	String	Name.
requests	Double	Number of requests.
result	Double	Case/AW execution result.
startTime	String	Start time.
status	Double	Case status.
successCount	Double	Number of successful requests.
successRate	Double	Success rate.
sum1xx	Double	Number of 1xx response codes.
sum2xx	Double	Number of 2xx response codes.
sum3xx	Double	Number of 3xx response codes.
sum4xx	Double	Number of 4xx response codes.
sum5xx	Double	Number of 5xx response codes.
taskId	String	Task ID_Round.
taskProjectId	String	Task ID.
taskStatus	Double	Task status.
testCaseUri	String	Case URI.
tp50	Double	tp50
tp75	Double	tp75

Parameter	Type	Description
tp90	Double	tp90
tp95	Double	tp95
tp99	Double	tp99
tp999	Double	tp999
tp9999	Double	tp9999
tps	Double	tps
tranTPS	Double	Transaction TPS.
transactionId	String	Transaction ID.
transactionSuccess	Double	Number of successful transactions.
transactionalSuccessRate	Double	Transaction success rate.
transactionalTPS	Double	User-defined transaction TPS.
transactionalTPSSuccess	Double	Success rate of a customized transaction.
transactions	Double	Number of transactions.
updateTime	String	Update time.
vum	Double	Minutes x Number of virtual concurrent users.

Table 4-161 ReportoutlineInfo

Parameter	Type	Description
avgResponseTime	Double	Average response time.
branchId	String	Branch ID.
branchName	String	Branch name.
caseRetry	Double	Number of case retries.
completeNum	Double	Number of completed cases.
duration	Double	Duration.
endTime	String	End time.
executedNum	Double	Number of executed cases.
iterationUri	String	Iteration ID.

Parameter	Type	Description
kpiCaseCount	Double	Number of KPI cases.
kpiCaseExecutionCount	Double	Number of KPI case execution times.
kpiCasePassCount	Double	Number of passed KPI cases.
maxUsers	Double	Maximum number of concurrent users.
passNum	Double	Number of cases that passed.
stage	Double	Phase ID.
stageName	String	Phase name.
startTime	String	Start time.
successRate	Double	Success rate.
taskStatus	Double	Task status.
totalNum	Double	Total number of cases.
tps	Double	Performance TPS metric.
versionUri	String	Branch URI.
projectId	String	Project ID.
serviceId	String	Service ID.
progressState	String	This field is compatible with earlier versions and is to be deleted.
createBy	String	Task Executor.
statusValue	String	This field is compatible with earlier versions and is to be deleted.

Table 4-162 ReportTaskInfo

Parameter	Type	Description
vum	Double	Minutes x Number of virtual concurrent users.

Example Requests

Querying the details of the report whose ID is **1** and the case running ID is **1**.

```
/v1/{project_id}/task-run-infos/1/case-run-infos/1/reports
```



```
"transactionalTpsSuccess" : 0,
"transactions" : null,
"updateTime" : "2022-09-16T19:19:34+08:00",
"vum" : 1
}],
"performance" : {
"averageRespTime" : 12.52,
"avgNetworkTraffic" : 0,
"avgRecBytes" : 10472.426150121066,
"avgSentBytes" : 53,
"avgTranRespTime" : 12.52,
"caseUri" : "33321",
"createTime" : "2022-09-16T19:18:01+08:00",
"currentThreadNum" : 1,
"detailId" : "6969830689306988544",
"endTime" : "2022-09-16T19:19:16+08:00",
"errorCount" : 1,
"errorEventsCount" : 0,
"failedAssert" : 0,
"failedOthers" : 1,
"failedParsed" : 0,
"failedRefused" : 0,
"failedTimeout" : 0,
"id" : "2391655",
"isAW" : false,
"max" : 331,
"maxNetworkTraffic" : 0,
"maxRecBytes" : 555275,
"maxRespTime" : 331,
"maxSentBytes" : 2809,
"maxTranRespTime" : 331,
"min" : 11,
"minNetworkTraffic" : 0,
"name" : "ccc",
"requests" : 2478,
"result" : 0,
"startTime" : "2022-09-16T19:18:16+08:00",
"status" : 15,
"successCount" : 2477,
"successRate" : 99.95,
"sum1xx" : 0,
"sum2xx" : 2477,
"sum3xx" : 0,
"sum4xx" : 0,
"sum5xx" : 0,
"taskId" : "az-4-29530_1",
"taskProjectId" : "az-4-29530",
"taskStatus" : 6,
"testCaseUri" : "16674",
"tp50" : 12,
"tp75" : 12,
"tp90" : 13,
"tp95" : 13,
"tp99" : 24,
"tp999" : 60,
"tp9999" : 331,
"tps" : 41.3,
"tranTPS" : 41.3,
"transactionId" : null,
"transactionSuccess" : 2477,
"transactionalSuccessRate" : 99.95964487489911,
"transactionalTps" : 0,
"transactionalTpsSuccess" : 0,
"transactions" : 2478,
"updateTime" : "2022-09-16T19:19:34+08:00",
"vum" : 1
}
}],
"pageIndex" : 1,
```

```
"pageSize" : 5,
"total" : 1
},
"outline" : {
  "avgResponseTime" : 12.518563357546409,
  "branchId" : null,
  "branchName" : null,
  "caseRetry" : 0,
  "completeNum" : 1,
  "duration" : 60,
  "endTime" : "2022-09-16T19:19:16+08:00",
  "executedNum" : 1,
  "iterationUri" : null,
  "kpiCaseCount" : 1,
  "kpiCaseExecuteCount" : 1,
  "kpiCasePassCount" : 1,
  "maxUsers" : 1,
  "passNum" : 1,
  "projectId" : "14509",
  "serviceId" : "17543",
  "stage" : 1,
  "stageName" : "Alpha",
  "startTime" : "2022-09-16T19:18:16+08:00",
  "successRate" : 99.95,
  "taskStatus" : 6,
  "totalNum" : 1,
  "tps" : 41.3,
  "versionUri" : null
},
"respTimeRange" : {
  "0~50ms" : "100.0%(2472)",
  "1~2s" : "0.0%(0)",
  "200~500ms" : "0.0%(1)",
  "2~3s" : "0.0%(0)",
  "3~4s" : "0.0%(0)",
  "4~5s" : "0.0%(0)",
  "500ms~1s" : "0.0%(0)",
  "50~200ms" : "0.0%(5)",
  ">5s" : "0.0%(0)"
},
"rtproportion" : null,
"taskInfo" : {
  "vum" : 1
}
}
```

Status Codes

Status Code	Description
200	success
501	unknown error

Error Codes

See [Error Codes](#).

4.6.2 Querying the Offline Report List of a PerfTest Task

Function

This API is used to query the offline report list of a PerfTest task.

URI

GET /v1/{project_id}/tasks/history-run-list/{task_id}

Table 4-163 Path Parameters

Parameter	Mandatory	Type	Description
project_id	Yes	String	Project ID. For details, see Obtaining a Project ID . Minimum: 0 Maximum: 64
task_id	Yes	Integer	Task ID. Minimum: 0 Maximum: 2147483647

Request Parameters

None

Response Parameters

Status code: 200

Table 4-164 Response body parameters

Parameter	Type	Description
code	String	Response code. Minimum: 0 Maximum: 1024
message	String	Response message. Minimum: 0 Maximum: 1024
log_list	Array of HistoryRunInfo objects	Report list. Array Length: 0 - 10240

Table 4-165 HistoryRunInfo

Parameter	Type	Description
name	String	Name.
run_id	Double	Report ID.
run_type	Double	Task type (0 : old edition task; 1 : new edition task).
start_time	String	Start time.
end_time	String	End time.
continue_time	Double	Continue time.
temp_names	Array of TempName objects	Case or transaction name.
parallel	Boolean	Whether test cases are executed in parallel between tasks.

Table 4-166 TempName

Parameter	Type	Description
name	String	Name.

Example Requests

Querying the offline report list of the PerfTest task whose ID is **1**.

```
/v1/{project_id}/tasks/history-run-list/1
```

Example Responses

Status code: 200

success

```
{
  "code": "SVCSTG.CPTS.0000000",
  "log_list": [ {
    "name": "temp_name_2022-07-20T17:01:57+08:00",
    "run_id": 48105,
    "run_type": 1,
    "start_time": "2022-07-20T17:01:57+08:00",
    "end_time": "2022-07-20T17:11:52+08:00",
    "continue_time": 595,
    "temp_names": [ {
      "name": "temp_name"
    } ],
    "parallel": false
  } ],
  "message": "success"
}
```

Status Codes

Status Code	Description
200	success
501	unknown error

Error Codes

See [Error Codes](#).

4.7 Directory Management

4.7.1 Query a case tree.

Function

Querying a Case Tree

URI

GET /v1/{project_id}/test-suites/{test_suite_id}/directory

Table 4-167 Path Parameters

Parameter	Mandatory	Type	Description
project_id	Yes	String	Project ID. For details, see Obtaining a Project ID . Minimum: 0 Maximum: 64
test_suite_id	Yes	Integer	Test project ID. Minimum: 0 Maximum: 2147483647

Request Parameters

None

Response Parameters

Status code: 200

Table 4-168 Response body parameters

Parameter	Type	Description
code	String	Status code.
message	String	Description.
directory	Array of ProjectDirectory objects	Case set.

Table 4-169 ProjectDirectory

Parameter	Type	Description
id	Integer	id
name	String	Name.
status	Integer	Status (0 : deleted; 1 : enabled; 2 : disabled).
create_time	String	Creation time.
update_time	String	Update time.
parent_id	Integer	Parent ID.
type	Integer	Type (1 : directory; 2 : case).

Example Requests

Querying the directory list. The ID of the project to which the directory belongs is 1.

```
/v1/{project_id}/test-suites/1/directory
```

Example Responses

Status code: 200

success

```
{
  "code" : "SVCSTG.CPTS.0000000",
  "directory" : [ {
    "id" : 57667,
    "name" : "directory1",
    "status" : 1,
    "create_time" : "2022-09-02T11:12:04.308643+08:00",
    "update_time" : "2022-09-02T11:12:04.315547+08:00",
    "parent_id" : 0,
    "type" : 1
  } ],
  "message" : "success"
}
```

Status Codes

Status Code	Description
200	success
501	unknown error

Error Codes

See [Error Codes](#).

5 Permissions

This chapter describes fine-grained permissions management for your CodeArts PerfTest. If your Huawei Cloud account does not need individual IAM users, then you may skip this chapter.

By default, new IAM users do not have any permissions assigned. To assign permissions to these new users, add them to one or more groups, and attach permissions policies or roles to these groups.

You can grant users permissions by using **roles** and **policies**.

- **Roles:** A type of coarse-grained authorization mechanism that defines permissions related to user responsibilities.
- **Policies:** A type of fine-grained authorization mechanism that defines permissions required to perform operations on specific cloud resources under certain conditions, meeting requirements for secure access control.

NOTE

Policy-based authorization is useful if you want to allow or deny the access to an API.

Each account has all the permissions required to call all APIs, but IAM users must be assigned the required permissions. The permissions required for calling an API are determined by the actions supported by the API. Only users who have been granted permissions allowing the actions can call the API successfully.

6 Appendix

6.1 Status Codes

[Table 6-1](#) describes status codes.

Table 6-1 Status codes

Status Code	Message	Description
100	Continue	The server has received the initial part of the request and the client should continue to send the remaining part. This code is issued on a provisional basis while request processing continues. It alerts the client to wait for a final response.
101	Switching Protocols	The requester has asked the server to switch protocols and the server is acknowledging that it will do so. The target protocol must be more advanced than the source protocol. For example, the current HTTP protocol is switched to a later version of HTTP.
201	Created	The request has been fulfilled, resulting in the creation of a new resource.
202	Accepted	The request has been accepted, but the processing has not been completed.
203	Non-Authoritative Information	The server successfully processed the request, but is returning information that may be from another source.

Status Code	Message	Description
204	NoContent	The server has successfully processed the request, but is not returning any response body. The status code is returned in response to an HTTP OPTIONS request.
205	Reset Content	The server has successfully processed the request, but does not return any content. This response requires that the requester reset the content.
206	Partial Content	The server has successfully processed a part of the GET request.
300	Multiple Choices	There are multiple options for the requested resource. The response contains a list of resource characteristics and addresses from which a user terminal (such as a browser) can choose the most appropriate one.
301	Moved Permanently	The requested resource has been assigned a new permanent URI and any future references to this resource should use one of the returned URIs.
302	Found	The requested resource was temporarily moved.
303	See Other	The response to the request can be found under a different URI. It can be retrieved using a GET or POST method.
304	Not Modified	The requested resource has not been modified. In such case, there is no need to retransmit the resource since the client still has a previously downloaded copy.
305	Use Proxy	The requested resource is available only through a proxy.
306	Unused	The HTTP status code is no longer used.
400	BadRequest	The request is invalid. The client should modify the request instead of re-initiating it.
401	Unauthorized	The authorization information provided by the client is incorrect or invalid.
402	Payment Required	This status code is reserved for future use.

Status Code	Message	Description
403	Forbidden	The request is rejected. The server has received the request and understood it, but the server is refusing to respond to it. The client should not repeat the request without modifications.
404	NotFound	The requested resource could not be found. The client should modify the request instead of re-initiating it.
405	MethodNotAllowed	The method specified in the request is not allowed for the requested resource. The client should modify the request instead of re-initiating it.
406	Not Acceptable	The server could not fulfil the request according to the content characteristics of the request.
407	Proxy Authentication Required	This status code is similar to 401, but the client must first authenticate itself with the proxy.
408	Request Time-out	The server timed out when waiting for the request. The client may repeat the request without modifications later.
409	Conflict	The request could not be processed due to a conflict. The resource that the client attempts to create already exists, or the update request fails to be processed because of a conflict.
410	Gone	The requested resource is no longer available. The status code indicates that the requested resource has been deleted permanently.
411	Length Required	The server refuses to process the request without a defined Content-Length .
412	Precondition Failed	The server does not meet one of the preconditions that the requester puts on the request.

Status Code	Message	Description
413	Request Entity Too Large	The server refuses to process a request because the request is too large. The server may disable the connection to prevent the client from sending requests consecutively. If the condition is temporary, the server should include a Retry-After header field to indicate that it is temporary and after what time the client may try again.
414	Request-URI Too Large	The URI provided was too long for the server to process.
415	Unsupported Media Type	The server does not support the media type in the request.
416	Requested range not satisfiable	The requested range is invalid.
417	Expectation Failed	The server fails to meet the requirements of the Expect request header field.
422	UnprocessableEntity	The request was well-formed but was unable to be followed due to semantic errors.
429	TooManyRequests	The client has sent more requests than its rate limit allowed within a given amount of time, or the server has received more requests than it is able to process within a given amount of time. In this case, the client should repeat requests after the time specified in the Retry-After header of the response expires.
500	InternalServerError	The server is able to receive the request but unable to understand the request.
501	Not Implemented	The server does not support the requested function.
502	Bad Gateway	The server was acting as a gateway or proxy and received an invalid request from a remote server.
503	ServiceUnavailable	The requested service is invalid. The client should modify the request instead of re-initiating it.
504	ServerTimeout	The request cannot be fulfilled within a given time. This status code is returned to the client only when the timeout parameter is specified in the request.
505	HTTP Version not supported	The server does not support the HTTP protocol version used in the request.

6.2 Error Codes

If an error code starting with APIGW is returned after you call an API, rectify the fault by referring to the instructions provided in [API Gateway Error Codes](#).

Status Code	Error Codes	Error Message	Description	Solution
200	CPTS.00000000	success	success	success
400	CPTS.04006025	Clear un deleted appCluster failed	Clear un deleted appCluster failed	Please contact customer service personnel for troubleshooting
500	CPTS.05001001	An unknown error occurred!	An unknown error occurred!	Please contact customer service personnel for troubleshooting

6.3 Obtaining a Project ID

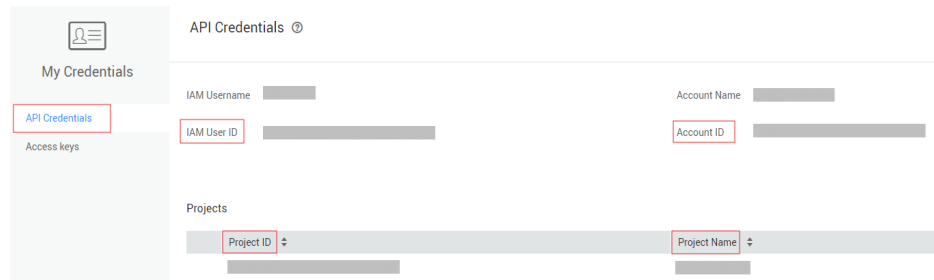
A project ID is required for some URLs when an API is called. You can obtain the project ID using either of the following methods:

- [Obtaining a Project ID on the Console](#)
- [Obtaining the Project ID by Calling an API](#)

Obtaining a Project ID on the Console

To obtain a project ID on the console, perform the following operations:

- Step 1** Log in to the Identity and Access Management (IAM) console.
- Step 2** Move the cursor to the username in the upper right corner and choose **My Credentials** from the drop-down list.
- Step 3** On the **API Credentials** page, view project IDs in the project list.

Figure 6-1 Viewing a project ID

----End

Obtaining the Project ID by Calling an API

You can also obtain a project ID by calling a specific API. For details, see [Querying Project Information](#) of IAM.

The API used to obtain a project ID is **GET https://{Endpoint}/v3/projects/**, where *{Endpoint}* indicates the IAM endpoint. You can obtain the IAM endpoint from [Regions and Endpoints](#) the administrator. For details about API authentication, see [Authentication](#).

In the following example, *id* indicates a project ID.

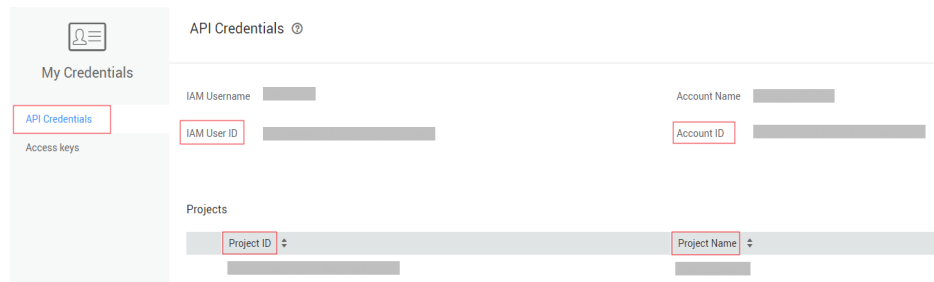
```
{
  "projects": [
    {
      "domain_id": "65382450e8f64ac0870cd180d14e684b",
      "is_domain": false,
      "parent_id": "65382450e8f64ac0870cd180d14e684b",
      "name": "xxxxxxx",
      "description": "",
      "links": {
        "next": null,
        "previous": null,
        "self": "https://www.example.com/v3/projects/a4a5d4098fb4474fa22cd05f897d6b99"
      },
      "id": "a4a5d4098fb4474fa22cd05f897d6b99",
      "enabled": true
    }
  ],
  "links": {
    "next": null,
    "previous": null,
    "self": "https://www.example.com/v3/projects"
  }
}
```

6.4 Obtaining the Account ID

An account ID (**domain-id**) is required for some URLs when an API is called. To obtain an account ID, perform the following operations:

- Step 1** Log in to the Identity and Access Management (IAM) console.
- Step 2** Move the cursor to the username in the upper right corner and choose **My Credentials** from the drop-down list.
- Step 3** On the **API Credentials** page, view **Account ID**.

Figure 6-2 Viewing the account ID



----End

7 Change History

Table 7-1 Change history

Released On	Description
2023-05-10	Changed service name from Cloud Performance Test Service (CPTS) to CodeArts PerfTest.
2022-06-15	This issue is the first official release.