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    - Responses

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    - Params
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    - Params
    - Responses
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    - Params
    - Responses
    - Responses Data Schema
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    - Params
    - Responses
    - Responses Data Schema
  - PUT Put Trace Task No NeType
    - Params
    - Responses
    - Responses Data Schema
  - DELETE Delete Trace Task No NeType
    - Params
    - Responses
    - Responses Data Schema
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    - Params
    - Responses
    - Responses Data Schema
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    - Params
    - Responses

- Responses Data Schema
- POST Captuer NE's PACP(exclude UPF)
  - Params
  - Responses
  - Responses Data Schema
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  - Params
  - Responses
  - Responses Data Schema
- POST UPF capture PACP
  - Params
  - Responses
  - Responses Data Schema
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  - Params
  - Responses
  - Responses Data Schema
- Configuration/NE Management
  - PUT Put NE Info
    - Params
    - Responses
    - Responses Data Schema
  - POST Post NE Info
    - Params
    - Responses
    - Responses Data Schema
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    - Params
    - Responses
    - Responses Data Schema
- Configuration/Export/Import NE
  - GET Get Software from OMC
    - Params
    - Responses
    - Responses Data Schema
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    - Responses

- Responses Data Schema
- GET Export CM From NF
  - Params
  - Responses
  - Responses Data Schema
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  - Params
  - Responses
  - Responses Data Schema
- DELETE Delete Software from OMC
  - Params
  - Responses
  - Responses Data Schema
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  - Params
  - Responses
  - Responses Data Schema
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  - Params
  - Responses
  - Responses Data Schema
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  - Params
  - Responses
  - Responses Data Schema
- Configuration/Parameter config
  - GET Get System Parameter from UDM
    - Params
    - Responses
    - Responses Data Schema
  - PUT Put System Parameter to UDM
    - Params
    - Responses
    - Responses Data Schema
  - POST Post System Parameter to UDM
    - Params
    - Responses
    - Responses Data Schema

- DELETE Delete System Parameter to UDM
  - Params
  - Responses
  - Responses Data Schema
- GET Get subsUEAmbr Parameter from UDM
  - Params
  - Responses
  - Responses Data Schema
- GET Get UDM smfSelection
  - Params
  - Responses
  - Responses Data Schema
- GET Get IMS system param
  - Params
  - Responses
  - Responses Data Schema
- UE Management/UDM Subscriber Data
  - GET Subscriber Info
    - Params
    - Responses
    - Responses Data Schema
  - DELETE Subscriber
    - Params
    - Responses
    - Responses Data Schema
  - POST Subscriber
    - Params
    - Responses
    - Responses Data Schema
  - PUT Subscriber
    - Params
    - Responses
    - Responses Data Schema
  - POST Batch Add Subscribers
    - Params
    - Responses
    - Responses Data Schema
  - DELETE Batch Delete Subscriber

- Params
- Responses
- Responses Data Schema
- POST Export Subscriber
  - Params
  - Responses
  - Responses Data Schema
- PUT Reload data for Redis
  - Params
  - Responses
  - Responses Data Schema
- POST Import subscriber list
  - Params
  - Responses
  - Responses Data Schema
- GET Acquire subscriber list
  - Params
  - Responses
  - Responses Data Schema
- UE Management/UDM Authentication Data
  - GET Authentication data list
    - Params
    - Responses
    - Responses Data Schema
  - GET Auth data
    - Params
    - Responses
    - Responses Data Schema
  - DELETE Delete auth data
    - Params
    - Responses
    - Responses Data Schema
  - PUT Reload data from Redis
    - Params
    - Responses
    - Responses Data Schema
  - POST Add auth data
    - Params

- Responses
- Responses Data Schema
- PUT Modify auth data
  - Params
  - Responses
  - Responses Data Schema
- POST Batch add auth data
  - Params
  - Responses
  - Responses Data Schema
- DELETE Batch delete auth data
  - Params
  - Responses
  - Responses Data Schema
- POST Export auth data
  - Params
  - Responses
  - Responses Data Schema
- POST Import auth data
  - Params
  - Responses
  - Responses Data Schema
- UE Management/PCF User PCC Rules
  - GET Query PCF UE Info
    - Params
    - Responses
    - Responses Data Schema
  - POST Add PCF UE Info
    - Params
    - Responses
    - Responses Data Schema
  - PUT Modify PCF UE Info
    - Params
    - Responses
    - Responses Data Schema
  - DELETE Delete PCF UE Info
    - Params
    - Responses



- Responses Data Schema
- POST Batch Add PCF UE Info
  - Params
  - Responses
  - Responses Data Schema
- PUT Batch Modify PCF UE Info
  - Params
  - Responses
  - Responses Data Schema
- DELETE Batch Delete PCF UE Info
  - Params
  - Responses
  - Responses Data Schema
- GET Export PCF UE Info
  - Params
  - Responses
  - Responses Data Schema
- PUT Import PCF UE Info
  - Params
  - Responses
  - Responses Data Schema
- UE Management/N3IWF Online User
  - GET Query N3IWF UE Info
    - Params
    - Responses
    - Responses Data Schema
- UE Management/NodeB Information
  - GET Get NB Info from AMF
    - Params
    - Responses
    - Responses Data Schema
- UE Management/IMS Online User
  - GET Get UE Info from IMS
    - Params
    - Responses
    - Responses Data Schema
- UE Management/SMF Online User
  - GET Get UE Info from SMF

- Params
- Responses
- Responses Data Schema
- GET Get UE Number from SMF
  - Params
  - Responses
  - Responses Data Schema
- UE Management/General APIs
  - GET Acquire NE info by neType neID
    - Params
    - Responses
    - Responses Data Schema
  - POST Send files to the network element.
    - Params
    - Responses
    - Responses Data Schema
- MML
  - POST Post UDM subscriber MML
    - Params
    - Responses
    - Responses Data Schema
  - POST Post OMC MMLs
    - Params
    - Responses
    - Responses Data Schema
- Security/Department Management
  - GET Department List
    - Params
    - Responses
    - Responses Data Schema
  - GET Department List (Excluding)
    - Params
    - Responses
    - Responses Data Schema
  - GET Department Tree List
    - Params
    - Responses
    - Responses Data Schema

- GET Department Tree List (specified roles)
  - Params
  - Responses
  - Responses Data Schema
- POST New Department
  - Params
  - Responses
  - Responses Data Schema
- PUT Department Modification
  - Params
  - Responses
  - Responses Data Schema
- DELETE Department Deletion
  - Params
  - Responses
  - Responses Data Schema
- GET Department Info
  - Params
  - Responses
  - Responses Data Schema
- Security/Menu Management
  - GET Menu List
    - Params
    - Responses
    - Responses Data Schema
  - GET Menu Info
    - Params
    - Responses
    - Responses Data Schema
  - DELETE Menu Deletion
    - Params
    - Responses
    - Responses Data Schema
  - PUT Menu Modification
    - Params
    - Responses
    - Responses Data Schema
  - POST New Menu

- Params
- Responses
- Responses Data Schema
- GET Menu Tree List (specifying roles)
  - Params
  - Responses
  - Responses Data Schema
- GET Menu Tree List
  - Params
  - Responses
  - Responses Data Schema
- Security/Position Management
  - GET Position List
    - Params
    - Responses
    - Responses Data Schema
  - POST Position List Export
    - Params
    - Responses
    - Responses Data Schema
  - GET Position Info
    - Params
    - Responses
    - Responses Data Schema
  - POST New Position
    - Params
    - Responses
    - Responses Data Schema
  - PUT Position Modification
    - Params
    - Responses
    - Responses Data Schema
  - DELETE Position Deletion
    - Params
    - Responses
    - Responses Data Schema
- Security/User Profile
  - GET User profile

- Params
- Responses
- Responses Data Schema
- PUT Modify user profile
  - Params
  - Responses
  - Responses Data Schema
- POST modify avatar
  - Params
  - Responses
  - Responses Data Schema
- PUT Modify password
  - Params
  - Responses
  - Responses Data Schema
- Security/Role Management
  - GET Role list
    - Params
    - Responses
    - Responses Data Schema
  - GET user list assigned role
    - Params
    - Responses
    - Responses Data Schema
  - GET Role info
    - Params
    - Responses
    - Responses Data Schema
  - PUT modify role
    - Params
    - Responses
    - Responses Data Schema
  - POST add role
    - Params
    - Responses
    - Responses Data Schema
  - DELETE delete role
    - Params

- Responses
- Responses Data Schema
- PUT modify role status
  - Params
  - Responses
  - Responses Data Schema
- PUT modify role data scope
  - Params
  - Responses
  - Responses Data Schema
- POST export role data list
  - Params
  - Responses
  - Responses Data Schema
- PUT Role assignment selection authorization
  - Params
  - Responses
  - Responses Data Schema
- Security/User information
  - GET user info
    - Params
    - Responses
    - Responses Data Schema
  - GET user info by id
    - Params
    - Responses
    - Responses Data Schema
  - POST add user
    - Params
    - Responses
    - Responses Data Schema
  - PUT modify user
    - Params
    - Responses
    - Responses Data Schema
  - POST export user list
    - Params
    - Responses

- Responses Data Schema
- POST import user data list
  - Params
  - Responses
  - Responses Data Schema
- DELETE delete user
  - Params
  - Responses
  - Responses Data Schema
- PUT reset user password
  - Params
  - Responses
  - Responses Data Schema
- PUT modify user status
  - Params
  - Responses
  - Responses Data Schema
- Security/Online user information
  - GET acquire online user
    - Params
    - Responses
    - Responses Data Schema
  - DELETE force users to log out
    - Params
    - Responses
    - Responses Data Schema
- System/Dictionary type information
  - GET Dictionary type list
    - Params
    - Responses
    - Responses Data Schema
  - GET Dictionary type details
    - Params
    - Responses
    - Responses Data Schema
  - POST Export dictionary type list
    - Params
    - Responses

- Responses Data Schema
- POST Add dictionary type
  - Params
  - Responses
  - Responses Data Schema
- PUT Modify dictionary type
  - Params
  - Responses
  - Responses Data Schema
- DELETE Delete dictionary type
  - Params
  - Responses
  - Responses Data Schema
- GET Dropdown list of dictionary types
  - Params
  - Responses
  - Responses Data Schema
- PUT Refresh dictionary type cache
  - Params
  - Responses
  - Responses Data Schema
- System/Dictionary data information
  - POST Export dictionary data list
    - Params
    - Responses
    - Responses Data Schema
  - GET dictionary data list
    - Params
    - Responses
    - Responses Data Schema
  - GET dictionary data info detail
    - Params
    - Responses
    - Responses Data Schema
  - GET dictionary data list (specify dictionary type)
    - Params
    - Responses
    - Responses Data Schema



- POST add dictionary data
  - Params
  - Responses
  - Responses Data Schema
- PUT modify dictionary data
  - Params
  - Responses
  - Responses Data Schema
- DELETE delete dictionary data
  - Params
  - Responses
  - Responses Data Schema
- System/Parameter configuration Information
  - GET acquire parameter configuration list
    - Params
    - Responses
    - Responses Data Schema
  - POST export parameter configuration list
    - Params
    - Responses
    - Responses Data Schema
  - GET acquire value from parameter config key
    - Params
    - Responses
    - Responses Data Schema
  - GET acquire parameter configuration info
    - Params
    - Responses
    - Responses Data Schema
  - POST add parameter configuration
    - Params
    - Responses
    - Responses Data Schema
  - PUT modify parameter configuration
    - Params
    - Responses
    - Responses Data Schema
  - PUT modify parameter value by config key

- Params
- Responses
- Responses Data Schema
- DELETE delete parameter configuration
  - Params
  - Responses
  - Responses Data Schema
- PUT refresh parameter configuration cache
  - Params
  - Responses
  - Responses Data Schema
- System/Cache information
  - GET cache monitor information
    - Params
    - Responses
    - Responses Data Schema
  - GET acquire cache name list
    - Params
    - Responses
    - Responses Data Schema
  - GET key name list by cache name
    - Params
    - Responses
    - Responses Data Schema
  - GET acquire cache value by name or key
    - Params
    - Responses
    - Responses Data Schema
  - DELETE delete cache key name
    - Params
    - Responses
    - Responses Data Schema
  - DELETE delete cache name
    - Params
    - Responses
    - Responses Data Schema
  - DELETE clear cache name safety
    - Params

- Responses
- Responses Data Schema
- System/Scheduling task log information
  - POST export scheduling task log
    - Params
    - Responses
    - Responses Data Schema
  - GET acquire scheduling task log list
    - Params
    - Responses
    - Responses Data Schema
  - GET acquire scheduling task log
    - Params
    - Responses
    - Responses Data Schema
  - DELETE delete scheduling task log
    - Params
    - Responses
    - Responses Data Schema
  - DELETE clear scheduling task log
    - Params
    - Responses
    - Responses Data Schema
- System/Scheduling task information
  - POST export scheduling task list
    - Params
    - Responses
    - Responses Data Schema
  - GET acquire scheduling task list
    - Params
    - Responses
    - Responses Data Schema
  - GET acquire scheduling task by ID
    - Params
    - Responses
    - Responses Data Schema
  - POST add scheduling task
    - Params

- Responses
- Responses Data Schema
- PUT modify scheduling task
  - Params
  - Responses
  - Responses Data Schema
- DELETE delete scheduling task
  - Params
  - Responses
  - Responses Data Schema
- PUT modify scheduling task status
  - Params
  - Responses
  - Responses Data Schema
- PUT schedule task to be executed immediately once
  - Params
  - Responses
  - Responses Data Schema
- PUT reset schedule tasks queue
  - Params
  - Responses
  - Responses Data Schema
- System/Operation log information
  - GET acquire operation log list
    - Params
    - Responses
    - Responses Data Schema
  - POST export operation log list
    - Params
    - Responses
    - Responses Data Schema
  - DELETE clean operation log
    - Params
    - Responses
    - Responses Data Schema
  - DELETE delete operation log
    - Params
    - Responses

- Responses Data Schema
- System/Security log information
  - GET login access list
    - Params
    - Responses
    - Responses Data Schema
  - POST export login access list
    - Params
    - Responses
    - Responses Data Schema
  - DELETE clean login access list
    - Params
    - Responses
    - Responses Data Schema
  - PUT unlock login user
    - Params
    - Responses
    - Responses Data Schema
  - DELETE delete login user
    - Params
    - Responses
    - Responses Data Schema
- System/Server monitoring information
  - GET server service information
    - Params
    - Responses
    - Responses Data Schema
  - GET load resource monitoring information
    - Params
    - Responses
    - Responses Data Schema
- General APIs
  - GET Default Home Page
    - Params
    - Responses
    - Responses Data Schema
  - GET Captcha Code
    - Params

- Responses
- Responses Data Schema
- GET System Configuration
  - Params
  - Responses
  - Responses Data Schema
- POST Upload help document
  - Params
  - Responses
  - Responses Data Schema
- General APIs/File operation
  - POST upload file
    - Params
    - Responses
    - Responses Data Schema
  - POST check chunk file
    - Params
    - Responses
    - Responses Data Schema
  - POST upload chunk file
    - Params
    - Responses
    - Responses Data Schema
  - POST Merge chunk file
    - Params
    - Responses
    - Responses Data Schema
  - GET Download file
    - Params
    - Responses
    - Responses Data Schema
- General APIs/Account Registration
  - POST Registration
    - Params
    - Responses
    - Responses Data Schema
- Data Management
  - GET Fuzzy query with '%'

- Params
- Responses
- Responses Data Schema
- GET Query by where condition
  - Params
  - Responses
  - Responses Data Schema
- GET Multiple SQL query
  - Params
  - Responses
  - Responses Data Schema
- POST Insert multiple record into table alarm\_log
  - Params
  - Responses
  - Responses Data Schema
- PUT Update single record
  - Params
  - Responses
  - Responses Data Schema
- PUT UPDATE MeasureTask
  - Params
  - Responses
  - Responses Data Schema
- DELETE Delete historical alarm exceeding 90 days
  - Params
  - Responses
  - Responses Data Schema
- Data Schema

# OMC HTTP RESTful API Interfaces

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## Authentication

---

## GET Query user info

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# Params

Name	Location	Type	Required	Description
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token

## Response Examples

### OK

```
{
  "code": 1,
  "msg": "success",
  "data": {
    "permissions": [
      " *.*.*"
    ],
    "roles": [
      "admin"
    ],
    "user": {
      "roles": [
        {
          "roleId": "1",
          "roleName": "admin",
          "roleKey": "admin",
          "roleSort": 1,
          "dataScope": "1",
          "status": "1"
        }
      ],
      "userId": "1",
      "deptId": "103",
      "userName": "manager",
      "nickName": "manager",
      "userType": "sys",
      "email": "",
      "avatar": "",
      "phonenumber": "",
      "sex": "1",
      "status": "1",

```



```

    "delFlag": "0",
    "loginIp": "127.0.0.1",
    "loginDate": "1683968355811",
    "createBy": "maskAdmin",
    "createTime": "1682264526306",
    "remark": "manager",
    "dept": {
      "deptId": "103",
      "parentId": "101",
      "ancestors": "0,100,101",
      "deptName": "R&D",
      "orderNum": 1,
      "leader": "",
      "status": "1"
    }
  }
}
}
}

```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

### HTTP Status Code 200

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» msg	string	true	none	none
» data	object	true	none	none
»» permissions	[string]	true	none	Permissions list
»» roles	[string]	true	none	Roles list
»» user	object	true	none	none
»»» roles	[object]	true	none	none
»»»» roleId	string	false	none	none
»»»» roleName	string	false	none	none

<b>Name</b>	<b>Type</b>	<b>Required</b>	<b>Restrictions</b>	<b>description</b>
»»»» roleKey	string	false	none	none
»»»» roleSort	integer	false	none	none
»»»» dataScope	string	false	none	none
»»»» status	string	false	none	none
»»»» userId	string	true	none	none
»»»» deptId	string	true	none	none
»»»» userName	string	true	none	none
»»»» nickName	string	true	none	none
»»»» userType	string	true	none	none
»»»» email	string	true	none	none
»»»» avatar	string	true	none	none
»»»» phonenumber	string	true	none	none
»»»» sex	string	true	none	none
»»»» status	string	true	none	none
»»»» delFlag	string	true	none	none
»»»» loginIp	string	true	none	none
»»»» loginDate	string	true	none	none
»»»» createBy	string	true	none	none
»»»» createTime	string	true	none	none
»»»» remark	string	true	none	none
»»»» dept	object	false	none	none
»»»»» deptId	string	true	none	none
»»»»» parentId	string	true	none	none
»»»»» ancestors	string	true	none	none
»»»»» deptName	string	true	none	none
»»»»» orderNum	integer	true	none	none

Name	Type	Required	Restrictions	description
»»»» leader	string	true	none	none
»»»» status	string	true	none	none

## GET Query route info

GET /getRouters

### Params

Name	Location	Type	Required	Description
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token

### Response Examples

OK

```
{
  "code": 1,
  "msg": "success",
  "data": [
    {
      "name": "System",
      "path": "/system",
      "component": "BasicLayout",
      "meta": {
        "icon": "icon-pcduan",
        "title": "System Management",
        "hide": false,
        "cache": true,
        "target": null
      },
      "redirect": "/system/user",
      "children": [
        {
```

```
"name": "User",
"path": "user",
"component": "system/user/index",
"meta": {
  "icon": "icon-pcduan",
  "title": "User Management",
  "hide": false,
  "cache": true,
  "target": null
}
},
{
  "name": "Role",
  "path": "role",
  "component": "system/role/index",
  "meta": {
    "icon": "icon-pcduan",
    "title": "Role Management",
    "hide": false,
    "cache": true,
    "target": null
  }
},
{
  "name": "RoleinlineauthuserroleId",
  "path": "role/inline/auth-user/:roleId",
  "component": "system/role/auth-user",
  "meta": {
    "icon": "icon-pcduan",
    "title": "Role assign to user",
    "hide": true,
    "cache": false,
    "target": null
  }
},
{
  "name": "Menu",
  "path": "menu",
  "component": "system/menu/index",
  "meta": {
    "icon": "icon-pcduan",
    "title": "Menu management",
    "hide": false,
    "cache": true,
    "target": null
  }
},
{
  "name": "Dept",
  "path": "dept",
  "component": "system/dept/index",
  "meta": {
    "icon": "icon-pcduan",
    "title": "Department management",
    "hide": false,
    "cache": true,
    "target": null
  }
}
```

```
}
},
{
  "name": "Post",
  "path": "post",
  "component": "system/post/index",
  "meta": {
    "icon": "icon-pcduan",
    "title": "Postion management",
    "hide": false,
    "cache": true,
    "target": null
  }
},
{
  "name": "Dict",
  "path": "dict",
  "component": "system/dict/index",
  "meta": {
    "icon": "icon-pcduan",
    "title": "Dictionary management",
    "hide": false,
    "cache": true,
    "target": null
  }
},
{
  "name": "DictinlinedatadictId",
  "path": "dict/inline/data/:dictId",
  "component": "system/dict/data",
  "meta": {
    "icon": "icon-pcduan",
    "title": "Dictionary data",
    "hide": true,
    "cache": false,
    "target": null
  }
},
{
  "name": "Log",
  "path": "log",
  "component": "BlankLayout",
  "meta": {
    "icon": "icon-pcduan",
    "title": "Log management",
    "hide": false,
    "cache": true,
    "target": null
  }
},
"redirect": "/system/log/operlog",
"children": [
  {
    "name": "Operlog",
    "path": "operlog",
    "component": "monitor/operlog/index",
    "meta": {
      "icon": "icon-pcduan",
```

```
        "title": "Operation log",
        "hide": false,
        "cache": true,
        "target": null
    }
},
{
    "name": "Logininfor",
    "path": "logininfor",
    "component": "monitor/logininfor/index",
    "meta": {
        "icon": "icon-pcduan",
        "title": "Security log",
        "hide": false,
        "cache": true,
        "target": null
    }
}
]
}
]
},
{
    "name": "Monitor",
    "path": "/monitor",
    "component": "BasicLayout",
    "meta": {
        "icon": "icon-pcduan",
        "title": "System monitor",
        "hide": false,
        "cache": true,
        "target": null
    },
    "redirect": "/monitor/server",
    "children": [
        {
            "name": "Server",
            "path": "server",
            "component": "monitor/server/index",
            "meta": {
                "icon": "icon-pcduan",
                "title": "Server monitor",
                "hide": false,
                "cache": true,
                "target": null
            }
        },
        {
            "name": "Cache",
            "path": "cache",
            "component": "monitor/cache/index",
            "meta": {
                "icon": "icon-pcduan",
                "title": "Cache monitor",
                "hide": false,
                "cache": true,
                "target": null
            }
        }
    ]
}
```

```

    }
  },
  {
    "name": "CacheList",
    "path": "cacheList",
    "component": "monitor/cache/list",
    "meta": {
      "icon": "icon-pcduan",
      "title": "Cache list",
      "hide": false,
      "cache": true,
      "target": null
    }
  },
  {
    "name": "Online",
    "path": "online",
    "component": "monitor/online/index",
    "meta": {
      "icon": "icon-pcduan",
      "title": "Online users",
      "hide": false,
      "cache": true,
      "target": null
    }
  },
  {
    "name": "Job",
    "path": "job",
    "component": "monitor/job/index",
    "meta": {
      "icon": "icon-pcduan",
      "title": "Scheduling tasks",
      "hide": false,
      "cache": true,
      "target": null
    }
  }
]
}

```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

## HTTP Status Code 200

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» msg	string	true	none	none
» data	[object]	true	none	none
»» name	string	true	none	none
»» path	string	true	none	none
»» component	string	true	none	Basic layout component identification menu type - Menu D - Blank Layout - Blank Layout component identification menu type - Menu M - Link Layout - Inner link layout component identification menu type - Menu M - Button menu type - Menu B will not be read into the route
»» meta	object	true	none	none
»»» icon	string	true	none	none
»»» title	string	true	none	none
»»» hide	boolean	true	none	Default Value: false
»»» cache	boolean	true	none	Default Value: false
»»» target	string null	true	none	-Non link null - internal jump _self - external jump _blank
»» redirect	string	false	none	none
»» children	[object]	false	none	none
»»» name	string	true	none	none
»»» path	string	true	none	none



Name	Type	Required	Restrictions	description
»»» component	string	true	none	none
»»» meta	object	true	none	none
»»»» icon	string	true	none	none
»»»» title	string	true	none	none
»»»» hide	boolean	true	none	none
»»»» cache	boolean	true	none	none
»»»» target	string null	true	none	none

## POST Login

POST /login

### Body Parameters

```
{
  "username": "admin",
  "password": "rootaa",
  "code": "{{code-text}}",
  "uuid": "{{code-uuid}}"
}
```

## Params

Name	Location	Type	Required	Description
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token

Name	Location	Type	Required	Description
body	body	object	no	none
» username	body	string	yes	User Name
» password	body	string	yes	Password
» code	body	string	no	Captcha code
» uuid	body	string	no	UUID of captcha code

## Response Examples

### OK

```
{
  "code": 1,
  "msg": "success",
  "data": {
    "access_token":
    "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJsb2dpbnRZXkiOiIwamJmM3J1anRyamdibHNTOW44Mnk4Z2gxcTZmN2s1OCIsInVzZXJfaWQiOiIxIiwiaWF0IjoxNjg0OTY1ODEwLCJleHAiOjE2ODQwMDQyMTB9.r0ChRhSPUi7ps6F3QLGMBB8II0grfYv2S5ApgxHjtXo"
  }
}
```

```
{
  "code": 0,
  "msg": "Verification code has expired"
}
```

```
{
  "code": 0,
  "msg": "Verification code error"
}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

# Responses Data Schema

HTTP Status Code **200**

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» msg	string	true	none	none
» data	object	false	none	none
»» access_token	string	true	none	none

## POST Logout

POST /logout

### Params

Name	Location	Type	Required	Description
Authorization	header	string	no	Access token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token

#### Response Examples

OK

```
{
  "code": 1,
  "msg": "Success"
}
```

```
{
  "code": 0,
  "msg": "The request is too frequent, please try again later."
}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

HTTP Status Code **200**

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» msg	string	true	none	none

## Monitor & Alarm

## GET Get OMC Local Time

GET /api/rest/systemManagement/v1/elementType/OMC/objectType/time

## Params

Name	Location	Type	Required	Description
neld	query	string	yes	none
AccessToken	header	string	yes	none
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer

Name	Location	Type	Required	Description
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9

## Response Examples

### 200 Response

```
{}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

## Monitor & Alarm/NE State

## GET Get ALL NEs System State

GET /api/rest/systemManagement/v1/elementType/ALL/objectType/systemState

Get ALL NEs system state

## Params

Name	Location	Type	Required	Description
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent

Name	Location	Type	Required	Description
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token

## Response Examples

### 0 Response

```
{}
```

### OK

```
{
  "data": [
    {
      "SMF/001": {
        "ipAddress": "192.168.14.13",
        "systemState": {
          "capability": 50000,
          "cpuUsage": {
            "nfCpuUsage": 24,
            "sysCpuUsage": 9
          },
        },
        "diskSpace": {
          "partitionInfo": [
            {
              "total": 3966,
              "used": 0
            },
            {
              "total": 797,
              "used": 0
            },
            {
              "total": 50138,
              "used": 13601
            },
            {
              "total": 3987,
              "used": 0
            },
            {
              "total": 5,
              "used": 0
            },
            {
              "total": 3987,
              "used": 0
            }
          ]
        }
      }
    }
  ]
}
```

```
    ],
    "partitionNum": 6
  },
  "expiryDate": "2024-12-31",
  "memUsage": {
    "nfUsedMem": 90620,
    "sysMemUsage": 436,
    "totalMem": 8167360
  },
  "serialNum": "20230905",
  "version": "1.6.1"
}
}
},
{
  "AMF/001": {
    "ipAddress": "192.168.14.12",
    "systemState": {
      "capability": 100000,
      "cpuUsage": {
        "nfCpuUsage": 0,
        "sysCpuUsage": 10
      },
      "diskSpace": {
        "partitionInfo": [
          {
            "total": 3966,
            "used": 0
          },
          {
            "total": 797,
            "used": 0
          },
          {
            "total": 50138,
            "used": 13601
          },
          {
            "total": 3987,
            "used": 0
          },
          {
            "total": 5,
            "used": 0
          },
          {
            "total": 3987,
            "used": 0
          }
        ]
      },
      "partitionNum": 6
    },
    "expiryDate": "2024-12-31",
    "memUsage": {
      "nfUsedMem": 23844,
      "sysMemUsage": 436,
      "totalMem": 8167360
    }
  }
}
```

```
    },
    "serialNum": "20230905",
    "version": "1.6.1"
  }
}
},
{
  "UPF/001": {
    "ipAddress": "192.168.1.159",
    "systemState": {
      "capability": 50000,
      "cpuUsage": {
        "nfCpuUsage": 3474,
        "sysCpuUsage": 2984
      },
      "diskSpace": {
        "partitionInfo": [
          {
            "total": 7998,
            "used": 0
          },
          {
            "total": 1603,
            "used": 0
          },
          {
            "total": 100278,
            "used": 12041
          },
          {
            "total": 8019,
            "used": 1
          },
          {
            "total": 5,
            "used": 0
          },
          {
            "total": 8019,
            "used": 0
          },
          {
            "total": 1603,
            "used": 0
          }
        ],
        "partitionNum": 7
      },
      "expiryDate": "2024-12-31",
      "memUsage": {
        "nfUsedMem": 114940,
        "sysMemUsage": 948,
        "totalMem": 16424904
      },
      "serialNum": "13740272",
      "version": "2.2311.8"
    }
  }
}
```



```
}
},
{
  "AUSF/001": {
    "ipAddress": "192.168.1.186",
    "systemState": {
      "capability": 50000,
      "cpuUsage": {
        "nfCpuUsage": 0,
        "sysCpuUsage": 564
      },
      "dbInfo": "adb v1.0.1",
      "diskSpace": {
        "partitionInfo": [
          {
            "total": 3966,
            "used": 0
          },
          {
            "total": 797,
            "used": 0
          },
          {
            "total": 1559,
            "used": 17000
          },
          {
            "total": 3987,
            "used": 0
          },
          {
            "total": 5,
            "used": 0
          },
          {
            "total": 3987,
            "used": 0
          },
          {
            "total": 797,
            "used": 0
          }
        ],
        "partitionNum": 7
      },
      "expiryDate": "2024-12-31",
      "hardwareInfo": {
        "cpus": 8,
        "memory": 8167360
      },
      "hostName": "5GC",
      "ipAddr": [
        "192.168.1.186"
      ],
      "memUsage": {
        "nfUsedMem": 30580,
        "sysMemUsage": 899,
```

```
    "totalMem": 8167360
  },
  "neId": "001",
  "neName": "AUSF_001",
  "neType": "AUSF",
  "osInfo": "Linux 5GC 4.15.0-112-generic #113-Ubuntu SMP Thu Jul 9
23:41:39 UTC 2020 x86_64 GNU/Linux",
  "port": 3030,
  "province": "GD",
  "serialNum": "13740272",
  "version": "2.2311.7"
}
}
},
{
  "UDM/001": {
    "ipAddress": "192.168.1.187",
    "systemState": {
      "capability": 50000,
      "cpuUsage": {
        "nfCpuUsage": 14,
        "sysCpuUsage": 194
      },
      "dbInfo": "adb v1.0.1",
      "diskSpace": {
        "partitionInfo": [
          {
            "total": 3966,
            "used": 0
          },
          {
            "total": 797,
            "used": 0
          },
          {
            "total": 1559,
            "used": 17000
          },
          {
            "total": 3987,
            "used": 0
          },
          {
            "total": 5,
            "used": 0
          },
          {
            "total": 3987,
            "used": 0
          },
          {
            "total": 797,
            "used": 0
          }
        ],
        "partitionNum": 7
      },
    }
  },
}
```

```
"expiryDate": "2024-12-31",
"hardwareInfo": {
  "cpus": 8,
  "memory": 8167360
},
"hostName": "5GC",
"ipAddr": [
  "192.168.1.187"
],
"memUsage": {
  "nfUsedMem": 29760,
  "sysMemUsage": 899,
  "totalMem": 8167360
},
"neId": "001",
"neName": "UDM_001",
"neType": "UDM",
"osInfo": "Linux 5GC 4.15.0-112-generic #113-Ubuntu SMP Thu Jul 9
23:41:39 UTC 2020 x86_64 GNU/Linux",
"port": 3030,
"province": "GD",
"serialNum": "13740272",
"version": "2.2311.7"
}
}
},
{
  "AMF/002": {
    "ipAddress": "192.168.1.172",
    "systemState": {
      "capability": 100000,
      "cpuUsage": {
        "nfCpuUsage": 24,
        "sysCpuUsage": 299
      },
      "diskSpace": {
        "partitionInfo": [
          {
            "total": 3966,
            "used": 0
          },
          {
            "total": 797,
            "used": 0
          },
          {
            "total": 1559,
            "used": 17000
          },
          {
            "total": 3987,
            "used": 0
          },
          {
            "total": 5,
            "used": 0
          }
        ]
      }
    }
  }
}
```

```
    {
      "total": 3987,
      "used": 0
    },
    {
      "total": 797,
      "used": 0
    }
  ],
  "partitionNum": 7
},
"expiryDate": "2023-12-31",
"memUsage": {
  "nfUsedMem": 28092,
  "sysMemUsage": 899,
  "totalMem": 8167360
},
"serialNum": "13740272",
"version": "2.2311.7"
}
}
},
{
  "IMS/001": {
    "ipAddress": "192.168.13.103",
    "systemState": {
      "capability": 100000,
      "cpuUsage": {
        "nfCpuUsage": 0,
        "sysCpuUsage": 112
      },
      "diskSpace": {
        "partitionInfo": [
          {
            "Total": 2948,
            "Used": 0
          },
          {
            "Total": 596,
            "Used": 1
          },
          {
            "Total": 24062,
            "Used": 14220
          },
          {
            "Total": 2980,
            "Used": 0
          },
          {
            "Total": 5,
            "Used": 0
          },
          {
            "Total": 2980,
            "Used": 0
          }
        ]
      }
    }
  },
}
```

```
    {
      "Total": 596,
      "Used": 0
    }
  ],
  "partitionNum": 7
},
"expiryDate": "2024-10-31",
"memUsage": {
  "nfUsedMem": 23424,
  "sysMemUsage": 3738,
  "totalMem": 6103292
},
"serialNum": "00000001",
"version": "1.6.2"
}
}
},
{
  "SMF/002": {
    "ipAddress": "192.168.1.173",
    "systemState": {
      "capability": 50000,
      "cpuUsage": {
        "nfCpuUsage": 25,
        "sysCpuUsage": 308
      },
      "diskSpace": {
        "partitionInfo": [
          {
            "total": 3966,
            "used": 0
          },
          {
            "total": 797,
            "used": 0
          },
          {
            "total": 1559,
            "used": 17000
          },
          {
            "total": 3987,
            "used": 0
          },
          {
            "total": 5,
            "used": 0
          },
          {
            "total": 3987,
            "used": 0
          },
          {
            "total": 797,
            "used": 0
          }
        ]
      }
    }
  }
}
```

```
    ],
    "partitionNum": 7
  },
  "expiryDate": "2023-12-31",
  "memUsage": {
    "nfUsedMem": 189188,
    "sysMemUsage": 899,
    "totalMem": 8167360
  },
  "serialNum": "13740272",
  "version": "2.2311.7"
}
},
{
  "NSSF/001": {
    "ipAddress": "192.168.1.139",
    "systemState": {
      "capability": 50000,
      "cpuUsage": {
        "nfCpuUsage": 244,
        "sysCpuUsage": 507
      },
      "diskSpace": {
        "partitionInfo": [
          {
            "total": 3966,
            "used": 0
          },
          {
            "total": 797,
            "used": 0
          },
          {
            "total": 1559,
            "used": 17000
          },
          {
            "total": 3987,
            "used": 0
          },
          {
            "total": 5,
            "used": 0
          },
          {
            "total": 3987,
            "used": 0
          },
          {
            "total": 797,
            "used": 0
          }
        ]
      },
      "partitionNum": 7
    },
    "expiryDate": "2024-12-31",
```

```
"memUsage": {
  "nfUsedMem": 51104,
  "sysMemUsage": 899,
  "totalMem": 8167360
},
"serialNum": "13740272",
"version": "2.2311.7"
}
}
},
{
  "NRF/001": {
    "ipAddress": "192.168.1.138",
    "systemState": {
      "capability": 50000,
      "cpuUsage": {
        "nfCpuUsage": 0,
        "sysCpuUsage": 523
      },
      "dbInfo": "adb v1.0.1",
      "diskSpace": {
        "partitionInfo": [
          {
            "total": 3966,
            "used": 0
          },
          {
            "total": 797,
            "used": 0
          },
          {
            "total": 1559,
            "used": 17000
          },
          {
            "total": 3987,
            "used": 0
          },
          {
            "total": 5,
            "used": 0
          },
          {
            "total": 3987,
            "used": 0
          },
          {
            "total": 797,
            "used": 0
          }
        ],
        "partitionNum": 7
      },
      "expiryDate": "2024-12-31",
      "hardwareInfo": {
        "cpus": 8,
        "memory": 8167360
      }
    }
  }
}
```

```
    },
    "hostName": "5GC",
    "ipAddr": [
      "192.168.1.138"
    ],
    "memUsage": {
      "nfUsedMem": 26856,
      "sysMemUsage": 899,
      "totalMem": 8167360
    },
    "neId": "001",
    "neName": "NRF_001",
    "neType": "AUSF",
    "osInfo": "Linux 5GC 4.15.0-112-generic #113-Ubuntu SMP Thu Jul 9
23:41:39 UTC 2020 x86_64 GNU/Linux",
    "port": 3030,
    "province": "GD",
    "serialNum": "13740272",
    "version": "2.2311.7"
  }
}
},
{
  "PCF/001": {
    "ipAddress": "192.168.1.174",
    "systemState": {
      "capability": 50000,
      "cpuUsage": {
        "nfCpuUsage": 51,
        "sysCpuUsage": 311
      },
      "dbInfo": "adb v1.0.1",
      "diskSpace": {
        "partitionInfo": [
          {
            "total": 3966,
            "used": 0
          },
          {
            "total": 797,
            "used": 0
          },
          {
            "total": 1559,
            "used": 17000
          },
          {
            "total": 3987,
            "used": 0
          },
          {
            "total": 5,
            "used": 0
          },
          {
            "total": 3987,
            "used": 0
          }
        ]
      }
    }
  }
}
```



```
    },
    {
      "total": 797,
      "used": 0
    }
  ],
  "partitionNum": 7
},
"expiryDate": "2024-12-31",
"hardwareInfo": {
  "cpus": 8,
  "memory": 8167360
},
"hostName": "5GC",
"ipAddr": [
  "192.168.1.174"
],
"memUsage": {
  "nfUsedMem": 35692,
  "sysMemUsage": 899,
  "totalMem": 8167360
},
"neId": "001",
"neName": "PCF_001",
"neType": "AUSF",
"osInfo": "Linux 5GC 4.15.0-112-generic #113-Ubuntu SMP Thu Jul 9
23:41:39 UTC 2020 x86_64 GNU/Linux",
"port": 3030,
"province": "GD",
"serialNum": "13740272",
"version": "2.2311.7"
}
}
},
{
  "OMC/001": {
    "ipAddress": "192.168.2.219",
    "systemState": {
      "hostName": "simonzhangsz",
      "osInfo": "Widnows 602931718",
      "dbInfo": "mysql Ver 15.1 Distrib 10.3.35-MariaDB, for Linux (aarch64)
using readline 5.1",
      "version": "2.2311.8",
      "ipAddr": [
        "192.168.2.219"
      ],
      "port": 3030,
      "capability": 99999999,
      "serialNum": "13750650",
      "expiryDate": "-",
      "hardwareInfo": {
        "cpus": 1,
        "memory": 34029125632
      },
      "cpuUsage": {
        "nfCpuUsage": 0,
        "sysCpuUsage": 542
```

```
    },
    "memUsage": {
      "totalMem": 33231568,
      "nfUsedMem": 106120,
      "sysMemUsage": 6400
    },
    "diskSpace": {
      "partitionNum": 8,
      "partitionInfo": [
        {
          "total": 460605,
          "used": 175411
        },
        {
          "total": 513034,
          "used": 38767
        },
        {
          "total": 29053,
          "used": 23406
        },
        {
          "total": 29053,
          "used": 23406
        },
        {
          "total": 23486,
          "used": 23458
        },
        {
          "total": 59181,
          "used": 24273
        },
        {
          "total": 30064,
          "used": 11191
        },
        {
          "total": 39476,
          "used": 37532
        }
      ]
    }
  }
},
{
  "N3IWF/001": {
    "ipAddress": "192.168.9.214",
    "systemState": {
      "capability": 100000,
      "cpuUsage": {
        "nfCpuUsage": 0,
        "sysCpuUsage": 37
      },
      "diskSpace": {
        "partitionInfo": [
```

```
{
  "Total": 1899,
  "Used": 0
},
{
  "Total": 391,
  "Used": 1
},
{
  "Total": 64196,
  "Used": 7980
},
{
  "Total": 1955,
  "Used": 0
},
{
  "Total": 5,
  "Used": 0
},
{
  "Total": 112,
  "Used": 112
},
{
  "Total": 63,
  "Used": 63
},
{
  "Total": 63,
  "Used": 63
},
{
  "Total": 53,
  "Used": 53
},
{
  "Total": 40,
  "Used": 40
},
{
  "Total": 391,
  "Used": 1
},
{
  "Total": 391,
  "Used": 0
}
],
"partitionNum": 12
},
"expiryDate": "2024-12-31",
"memUsage": {
  "nfUsedMem": 23392,
  "sysMemUsage": 706,
  "totalMem": 4005412
},
}
```

```

        "serialNum": "13990001",
        "version": "2.2311.7"
    }
},
{
    "MME/001": {
        "error": {
            "errorCode": "1",
            "errorInfo": "Internal server error, NF connect refused"
        },
        "ipAddress": "192.168.1.179"
    }
}
]
}

```

## Responses

HTTP Status Code	Meaning	Description	Data schema
0	Unknown	ALL NEs systemState	Inline
200	<a href="#">OK</a>	OK	Inline
401	<a href="#">Unauthorized</a>	Unauthorized	Inline
500	<a href="#">Internal Server Error</a>	Server Error	Inline

## Responses Data Schema

### GET Get All UDM System State

GET /api/rest/systemManagement/v1/elementType/udm/objectType/systemState

## Params

Name	Location	Type	Required	Description
ne_id	query	string	yes	none
Authorization	header	string	yes	Authoirzation token

Name	Location	Type	Required	Description
Referer	header	string	yes	Use the specified declared Referer
User-Agent	header	string	yes	User agent
Accept-Language	header	string	yes	zh_CN;q=0.9 en_US;q=0.9
AccessToken	header	string	no	Access token

## Response Examples

### 200 Response

```
{}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

# GET Get OMC System State

GET /api/rest/systemManagement/v1/elementType/omc/objectType/systemState

## Params

Name	Location	Type	Required	Description
ne_id	query	string	yes	none
AccessToken	header	string	yes	none
Authorization	header	string	yes	Authoirzation token

Name	Location	Type	Required	Description
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9

## Response Examples

### 200 Response

```
{}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

## Monitor & Alarm/Alarm

## GET Get Alarm from NF

GET

/api/rest/faultManagement/v1/elementType/{elementTypeValue}/objectType/alarms

Sync alarms from NF

### Body Parameters

```
[  
  {  
    "neType": "SMF",  
    "neId": "SZ_01",  
    "alarmId": "SMF0113",
```

```
"alarmTitle": "test",
"eventTime": "2023-03-29 15:56:09",
"alarmCode": 10,
"alarmType": "EquipmentAlarm",
"origSeverity": "Critical",
"alarmStatus": 0,
"specificProblem": "string",
"addInfo": "string",
"locationInfo": "test"
}
]
```

## Params

Name	Location	Type	Required	Description
elementTypeValue	path	string	yes	none
AccessToken	header	string	yes	none
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
body	body	array[object]	no	none

### Response Examples

#### 200 Response

```
{}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

# POST Get Alarm from NF

POST /api/rest/faultManagement/v1/elementType/smf/objectType/alarms

## Body Parameters

```
{
  "objectId": "SMF_0",
  "alarmTitle": "test",
  "eventTime": "2023-03-29 15:52:09",
  "alarmCode": 10,
  "alarmType": "EquipmentAlarm",
  "perceivedSeverity": 3,
  "alarmStatus": 1,
  "specificProblem": "string",
  "additionalText": "string",
  "alarmSource": "test"
}
```

## Params

Name	Location	Type	Required	Description
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token
body	body	object	no	none
» objectId	body	string	yes	none
» alarmTitle	body	string	yes	none
» eventTime	body	string	yes	none
» alarmCode	body	integer	yes	none
» alarmType	body	string	yes	none
» perceivedSeverity	body	integer	yes	none



Name	Location	Type	Required	Description
» alarmStatus	body	integer	yes	none
» specificProblem	body	string	yes	none
» additionalText	body	string	yes	none
» alarmSource	body	string	yes	none

## Response Examples

### 200 Response

```
{}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

# POST Post Alarm from AMF

POST /api/rest/faultManagement/v1/elementType/amf/objectType/alarms

## Body Parameters

```
{
  "objectId": "AMF_0",
  "alarmTitle": "test",
  "eventTime": "2023-03-29 15:52:09",
  "alarmCode": 6,
  "alarmType": "EquipmentAlarm",
  "perceivedSeverity": 3,
  "alarmStatus": 1,
  "specificProblem": "string",
  "additionalText": "string",
}
```

```
"alarmSource": "test"
}
```

## Params

Name	Location	Type	Required	Description
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token
body	body	object	no	none
» objectId	body	string	yes	none
» alarmTitle	body	string	yes	none
» eventTime	body	string	yes	none
» alarmCode	body	integer	yes	none
» alarmType	body	string	yes	none
» perceivedSeverity	body	integer	yes	none
» alarmStatus	body	integer	yes	none
» specificProblem	body	string	yes	none
» additionalText	body	string	yes	none
» alarmSource	body	string	yes	none

### Response Examples

#### 200 Response

```
{}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

# Monitor & Alarm/UE Event

## POST UE Detach from AMF

POST /upload-ue/v1/detach

### Body Parameters

```
{
  "imsi": "4600212141",
  "detachTime": "2023-01-16 07:28:11",
  "detachResult": 1
}
```

## Params

Name	Location	Type	Required	Description
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token
body	body	object	no	none
» imsi	body	string	yes	none
» detachTime	body	string	yes	none
» detachResult	body	integer	yes	none

## Response Examples

### 200 Response

```
{}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

# POST UE CM State from AMF

POST /upload-ue/v1/cm-state

### Body Parameters

```
{  
  "imsi": "4600212141",  
  "onlineNumber": 11,  
  "changeTime": "2023-01-16 07:28:11",  
  "status": 1  
}
```

## Params

Name	Location	Type	Required	Description
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9

Name	Location	Type	Required	Description
AccessToken	header	string	no	Access token
body	body	object	no	none
» imsi	body	string	yes	none
» onlineNumber	body	integer	yes	none
» changeTime	body	string	yes	none
» status	body	integer	yes	none

## Response Examples

### 200 Response

```
{}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

# POST UE Auth Result from AMF

POST /upload-ue/v1/auth-result

## Body Parameters

```
{  
  "imsi": "4600212141",  
  "imei": "2146002121413",  
  "tacID": "98",  
  "gNBID": "31",  
  "cellID": "17",  
  "onlineNumber": 11,  
  "authCode": "50",  
}
```

```
"authMessage": "test",
"authTime": "2023-01-16 07:28:11"
}
```

## Params

Name	Location	Type	Required	Description
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token
body	body	object	no	none
» imsi	body	string	yes	none
» imei	body	string	yes	none
» tacID	body	string	yes	none
» gNBID	body	string	yes	none
» cellID	body	string	yes	none
» onlineNumber	body	integer	yes	none
» authCode	body	string	yes	none
» authMessage	body	string	yes	none
» authTime	body	string	yes	none

### Response Examples

#### 200 Response

```
{}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

# Monitor & Alarm/CDR Event

## POST CDR Event from IMS

POST /api/rest/cdrManagement/v1/elementType/ims/objectType/cdrEvent

### Body Parameters

```
{
  "neType": "IMS",
  "neName": "IMS_001",
  "rmUID": "4400HX1IMS001",
  "timestamp": 1705542378,
  "CDR": {
    "recordType": "CALL",
    "seqNumber": 1,
    "callReference": "X1gcbQ8zT@10.10.91.252",
    "callerParty": "12307551241",
    "calledParty": "12307550064",
    "serviceResult": "ok",
    "seizureTime": 1705542348,
    "answerTime": 1705542356,
    "releaseTime": 1705542378,
    "callDuration": 22
  }
}
```

## Params

Name	Location	Type	Required	Description
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent

Name	Location	Type	Required	Description
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token
body	body	object	no	none
» neType	body	string	yes	none
» neName	body	string	yes	none
» rmUID	body	string	yes	none
» timestamp	body	integer	yes	none
» CDR	body	object	yes	none
»» recordType	body	string	yes	none
»» seqNumber	body	integer	yes	none
»» callReference	body	string	yes	none
»» callerParty	body	string	yes	none
»» calledParty	body	string	yes	none
»» serviceResult	body	string	yes	none
»» seizureTime	body	integer	yes	none
»» answerTime	body	integer	yes	none
»» releaseTime	body	integer	yes	none
»» callDuration	body	integer	yes	none

## Response Examples

### 200 Response

```
{}
```

## Responses



HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

# GET CDR File from IMS

GET /api/rest/cdrManagement/v1/elementType/ims/objectType/cdrFile

## Params

Name	Location	Type	Required	Description
type	query	string	no	CDR file type: failed/full
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token

### Response Examples

#### 200 Response

```
{}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

# Responses Data Schema

## Performance

### PATCH Patch Measure Task

PATCH

/api/rest/performanceManagement/v1/elementType/smf/objectType/measureTask

### Params

Name	Location	Type	Required	Description
taskId	query	string	yes	none
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token

#### Response Examples

#### 200 Response

```
{}
```

### Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

# Responses Data Schema

## POST Post Measure Task

POST

/api/rest/performanceManagement/v1/elementType/smf/objectType/measureTask

### Body Parameters

```
{}
```

## Params

Name	Location	Type	Required	Description
id	query	string	yes	none
AccessToken	header	string	yes	none
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
body	body	object	no	none

### Response Examples

#### 200 Response

```
{}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

## Performance/Performance Statistics

## GET Statistical title

GET /ne/kpi/title

## Params

Name	Location	Type	Required	Description
neType	query	string	yes	Network element type
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token

### Response Examples

#### OK

```
{
  "code": 1,
  "data": [
    {
      "id": "28",
      "neType": "UDM",
      "kpiId": "UDM.01",
      "titleJson": "{\"en\": \"UDR.5gActSub\"}",
      "enTitle": "UDR.5gActSub"
    }
  ]
}
```

```
],  
  "msg": "success"  
}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

HTTP Status Code **200**

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» data	[object]	true	none	none
»» cn_title	string	true	none	none
»» en_title	string	true	none	none
»» id	integer	true	none	none
»» kpi_id	string	true	none	none
»» ne_type	string	true	none	none
»» title_json	string	true	none	none
» msg	string	true	none	none

## GET Statistical data

GET /ne/kpi/data

## Params

Name	Location	Type	Required	Description
neType	query	string	yes	Network element type
neId	query	string	yes	Network element ID
startTime	query	string	yes	Starting time
endTime	query	string	yes	end time
interval	query	number	yes	Particle size/average sampling value
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token

## Response Examples

### OK

```
{
  "code": 1,
  "data": [
    {
      "SMF.01": "1594",
      "SMF.02": "1594",
      "SMF.03": "1594",
      "SMF.04": "1594",
      "SMF.05": "1594",
      "SMF.06": "1594",
      "SMF.07": "1594",
      "SMF.08": "1594",
      "SMF.09": "1594",
      "SMF.10": "1594",
      "SMF.11": "1594",
      "SMF.12": "1594",
      "SMF.13": "1594",
      "SMF.14": "797",
      "neName": "0",
      "startIndex": 0,
      "timeGroup": "2023-09-25 00:00"
    },
    {
      "SMF.01": "0",
```

```
"SMF.02": "0",
"SMF.03": "0",
"SMF.04": "0",
"SMF.05": "0",
"SMF.06": "0",
"SMF.07": "0",
"SMF.08": "0",
"SMF.09": "0",
"SMF.10": "0",
"SMF.11": "0",
"SMF.12": "0",
"SMF.13": "0",
"SMF.14": "0",
"neName": "0",
"startIndex": 15,
"timeGroup": "2023-09-25 00:15"
},
{
  "SMF.01": "0",
  "SMF.02": "0",
  "SMF.03": "0",
  "SMF.04": "0",
  "SMF.05": "0",
  "SMF.06": "0",
  "SMF.07": "0",
  "SMF.08": "0",
  "SMF.09": "0",
  "SMF.10": "0",
  "SMF.11": "0",
  "SMF.12": "0",
  "SMF.13": "0",
  "SMF.14": "0",
  "neName": "0",
  "startIndex": 30,
  "timeGroup": "2023-09-25 00:30"
},
{
  "SMF.01": "0",
  "SMF.02": "0",
  "SMF.03": "0",
  "SMF.04": "0",
  "SMF.05": "0",
  "SMF.06": "0",
  "SMF.07": "0",
  "SMF.08": "0",
  "SMF.09": "0",
  "SMF.10": "0",
  "SMF.11": "0",
  "SMF.12": "0",
  "SMF.13": "0",
  "SMF.14": "0",
  "neName": "0",
  "startIndex": 45,
  "timeGroup": "2023-09-25 00:45"
},
{
  "SMF.01": "0",
```

```

    "SMF.02": "0",
    "SMF.03": "0",
    "SMF.04": "0",
    "SMF.05": "0",
    "SMF.06": "0",
    "SMF.07": "0",
    "SMF.08": "0",
    "SMF.09": "0",
    "SMF.10": "0",
    "SMF.11": "0",
    "SMF.12": "0",
    "SMF.13": "0",
    "SMF.14": "0",
    "neName": "0",
    "startIndex": 93,
    "timeGroup": "2023-09-25 01:30"
  },
  {
    "SMF.01": "0",
    "SMF.02": "0",
    "SMF.03": "0",
    "SMF.04": "0",
    "SMF.05": "0",
    "SMF.06": "0",
    "SMF.07": "0",
    "SMF.08": "0",
    "SMF.09": "0",
    "SMF.10": "0",
    "SMF.11": "0",
    "SMF.12": "0",
    "SMF.13": "0",
    "SMF.14": "0",
    "neName": "0",
    "startIndex": 105,
    "timeGroup": "2023-09-25 01:45"
  }
],
"msg": "success"
}

```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

HTTP Status Code **200**



Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» data	[object]	true	none	none
»» SMF.01	string	true	none	none
»» SMF.02	string	true	none	none
»» SMF.03	string	true	none	none
»» SMF.04	string	true	none	none
»» SMF.05	string	true	none	none
»» SMF.06	string	true	none	none
»» SMF.07	string	true	none	none
»» SMF.08	string	true	none	none
»» SMF.09	string	true	none	none
»» SMF.10	string	true	none	none
»» SMF.11	string	true	none	none
»» SMF.12	string	true	none	none
»» SMF.13	string	true	none	none
»» SMF.14	string	true	none	none
»» neName	string	true	none	none
»» startIndex	integer	true	none	none
»» timeGroup	string	true	none	none
» msg	string	true	none	none

## Trace

## DELETE Patch Measure Task

DELETE

/api/rest/performanceManagement/v1/elementType/smf/objectType/measureTask

# Params

Name	Location	Type	Required	Description
taskId	query	string	yes	none
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token

## Response Examples

### 200 Response

```
{}
```

# Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

# POST Post Trace Task No NeType

POST /api/rest/traceManagement/v1/subscriptions

## Body Parameters

```
{  
  "traceType": "Interface",  
  "startTime": "2023-07-04 13:00:00",  
  "endTime": "2023-07-04 19:00:00",  
}
```

```
"neType": "",
"neId": "",
"interfaces": [
  "N8",
  "N10"
]
```

## Params

Name	Location	Type	Required	Description
AccessToken	header	string	yes	none
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
body	body	object	no	none
» traceType	body	string	yes	none
» startTime	body	string	yes	none
» endTime	body	string	yes	none
» neType	body	string	yes	none
» neld	body	string	yes	none
» interfaces	body	[string]	yes	none

### Response Examples

#### 200 Response

```
{}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

# PUT Put Trace Task No NeType

PUT /api/rest/traceManagement/v1/subscriptions

### Body Parameters

```
{
  "id": 3,
  "traceType": "Interface",
  "startTime": "2023-07-04 13:00:00",
  "endTime": "2023-07-04 19:00:00",
  "neType": "",
  "neId": "",
  "srcIp": "192.168.2.199",
  "signalPort": 3030,
  "interfaces": [
    "N8",
    "N10",
    "N11"
  ]
}
```

## Params

Name	Location	Type	Required	Description
AccessToken	header	string	yes	none
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
body	body	object	no	none

Name	Location	Type	Required	Description
» id	body	integer	yes	none
» traceType	body	string	yes	none
» startTime	body	string	yes	none
» endTime	body	string	yes	none
» neType	body	string	yes	none
» neld	body	string	yes	none
» srclp	body	string	yes	none
» signalPort	body	integer	yes	none
» interfaces	body	[string]	yes	none

## Response Examples

### 200 Response

```
{}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

# DELETE Delete Trace Task No NeType

DELETE /api/rest/traceManagement/v1/subscriptions

## Body Parameters

```
{}
```

## Params

Name	Location	Type	Required	Description
id	query	array[string]	yes	none
AccessToken	header	string	yes	none
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
body	body	object	no	none

### Response Examples

#### 200 Response

```
{}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

# POST Post AMF Measure Task

POST

/api/rest/performanceManagement/v1/elementType/amf/objectType/measureTask

## Body Parameters

```
{}
```

## Params

Name	Location	Type	Required	Description
id	query	string	yes	none
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token
body	body	object	no	none

## Response Examples

### 200 Response

```
{}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

# POST Post Measure Report

## POST

/api/rest/performanceManagement/v1/elementType/smf/objectType/measureReport

### Body Parameters

```
{
  "id": 1,
  "NeType": "SMF"
}
```

## Params

Name	Location	Type	Required	Description
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token
body	body	object	no	none
» id	body	integer	yes	none
» NeType	body	string	yes	none

### Response Examples

#### 200 Response

```
{}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline



# Responses Data Schema

## POST Captuer NE's PACP(exclude UPF)

POST /tcpdump/ne

### Body Parameters

```
{
  "neType": "string",
  "neId": "string",
  "timeout": 0,
  "cmd": "string",
  "timestamp": "string"
}
```

## Params

Name	Location	Type	Required	Description
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token
body	body	object	no	none
» neType	body	string	yes	none
» neld	body	string	yes	none
» timeout	body	number	yes	none
» cmd	body	string	yes	none
» timestamp	body	string	yes	timestamp of file

### Response Examples

```
{
  "code": 1,
  "data": {
    "cmd": "cd /tmp \nsudo timeout 10 tcpdump -i any sctp or tcp port 3030 or 8088
-s0 -w timestamp_UDM_001.pcap",
    "fileName": "timestamp_UDM_001.pcap",
    "msg": "tcpdump: listening on any, link-type LINUX_SLL (Linux cooked), capture
size 262144 bytes\n10 packets captured\n10 packets received by filter\n0 packets
dropped by kernel\n"
  },
  "msg": "success"
}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

### HTTP Status Code 200

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» data	object	true	none	none
»» cmd	string	true	none	none
»» fileName	string	true	none	none
»» msg	string	true	none	none
» msg	string	true	none	none

## POST Get Measurement

## POST

/api/rest/performanceManagement/v1/elementType/smf/objectType/measurement

### Body Parameters

```
{
  "Index": 2,
  "NeName": "SMFRJBJJJC01",
  "RmUID": "1101AGTHXSMF0000015704000100",
  "NeType": "SMF",
  "PmVersion": "5GC16.1.1",
  "Dn": "RJN-CMZJ-TZ,SubNetwork=5GC88,ManagedElement=SMF53456,SmfFunction=53456",
  "Period": "15",
  "TimeZone": "UTC+8",
  "StartTime": "2023-05-23 22:26:28",
  "Datas": [
    {
      "ObjectType": "SmfFunction",
      "KPIs": [
        {
          "KPIID": "SMF.AttCreatePduSession._Dnn",
          "KPIValues": [
            {
              "Name": "cmnet",
              "Value": 1
            },
            {
              "Name": "ims",
              "Value": 0
            }
          ]
        }
      ]
    },
    {
      "ObjectType": "AddrPool",
      "KPIs": [
        {
          "KPIID": "SMF.MeanAllcAddr",
          "KPIValues": [
            {
              "Name": "Total",
              "Value": 1
            }
          ]
        }
      ],
      {
        "KPIID": "SMF.MeanAllcAddr._Ns",
        "KPIValues": [
          {
            "Name": "1001",
            "Value": 2
          },
          {
            "Name": "1002",
```



Name	Location	Type	Required	Description
»»» KPIID	body	string	yes	none
»»» KPIValues	body	[object]	yes	none
»»»» Name	body	string	yes	none
»»»» Value	body	integer	yes	none

## Response Examples

### 200 Response

```
{}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

# POST UPF capture PACP

POST /tcpdump/neUPF

## Body Parameters

```
{
  "neType": "string",
  "neId": "string",
  "runType": "string",
  "cmd": "string",
  "timestamp": "string"
}
```

## Params

Name	Location	Type	Required	Description
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token
body	body	object	no	none
» neType	body	string	yes	none
» neld	body	string	yes	none
» runType	body	string	yes	Execute start or stop to start telnetstart_telnet/stop_telnet script string start_str/stop_str
» cmd	body	string	yes	Method 1: Suitable for situations where other network elements have anomalies and UPF cooperates with packet capture. The package file is relatively small. After entering the command line: 1) Start capturing pcap trace rx tx max 100000 intfc any file upf_test. pcap 2) Stop capturing pcap trace rx tx off method 2: Suitable for situations where UPF exceptions require packet capture analysis. The package file is relatively large. After entering the command line: 1) Start capturing pcap patch trace on max 100000 file upf_test. pcap 2) Stop capturing pcap patch trace off
» timestamp	body	string	yes	timestamp of dump file

```
{}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

# GET PACP file download

GET /tcpdump/download

## Params

Name	Location	Type	Required	Description
neType	query	string	yes	none
neld	query	string	yes	none
fileName	query	string	yes	none
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token

## Response Examples

### 200 Response

```
{}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

## Configuration/NE Management

## PUT Put NE Info

PUT /api/rest/systemManagement/v1/elementType/udm/objectType/neInfo

### Body Parameters

```
{
  "pvFlag": "VNF",
  "province": "GD",
  "vendorName": "AGT",
  "dn": "cmjicai"
}
```

## Params

Name	Location	Type	Required	Description
ne_id	query	string	yes	none
AccessToken	header	string	yes	none
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer



Name	Location	Type	Required	Description
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
body	body	object	no	none
» pvFlag	body	string	yes	none
» province	body	string	yes	none
» vendorName	body	string	yes	none
» dn	body	string	yes	none

## Response Examples

### 200 Response

```
{}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

## POST Post NE Info

POST /api/rest/systemManagement/v1/elementType/udm/objectType/neInfo

### Body Parameters

```
{
  "neType": "UDM",
  "neId": "SZ_02",
  "neName": "UDM_SZ_01",
  "ip": "192.168.1.187",
}
```

```

"port": "8080",
"pvFlag": "VNF",
"province": "GD",
"vendorName": "AGT",
"dn": "cmjicai"
}

```

## Params

Name	Location	Type	Required	Description
ne_id	query	string	yes	none
AccessToken	header	string	yes	none
Scheme	header	string	yes	none
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
body	body	object	no	none
» neType	body	string	yes	none
» neld	body	string	yes	none
» neName	body	string	yes	none
» ip	body	string	yes	none
» port	body	string	yes	none
» pvFlag	body	string	yes	none
» province	body	string	yes	none
» vendorName	body	string	yes	none
» dn	body	string	yes	none

### Response Examples

#### 200 Response

```
{}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

### DELETE Delete NE info

DELETE /api/rest/systemManagement/v1/elementType/udm/objectType/neInfo

#### Body Parameters

```
string
```

## Params

Name	Location	Type	Required	Description
ne_id	query	string	yes	none
AccessToken	header	string	yes	none
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
body	body	string	no	none

#### Response Examples

```
{}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

# Configuration/Export/Import NE

## GET Get Software from OMC

GET /api/rest/systemManagement/v1/AMF/software/123

### Body Parameters

```
string
```

## Params

Name	Location	Type	Required	Description
accessToken	header	string	yes	none
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9

Name	Location	Type	Required	Description
AccessToken	header	string	no	Access token
body	body	string(binary)	no	none

## Response Examples

### 200 Response

```
{}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

# POST Upload Software To OMC

POST /api/rest/systemManagement/v1/AMF/software/123

## Body Parameters

```
file: string
```

## Params

Name	Location	Type	Required	Description
accessToken	header	string	yes	none
Authorization	header	string	yes	Authoirzation token

Name	Location	Type	Required	Description
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token
body	body	object	no	none
» file	body	string(binary)	yes	none

## Response Examples

### 200 Response

```
{}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

# GET Export CM From NF

GET /api/rest/systemManagement/v1/elementType/udm/objectType/cm

### Body Parameters

```
string
```

## Params

Name	Location	Type	Required	Description
ne_id	query	string	yes	none
accessToken	header	string	yes	none
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token
body	body	string(binary)	no	none

## Response Examples

### 200 Response

```
{}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

# POST Import CM to NF

POST /api/rest/systemManagement/v1/elementType/udm/objectType/cm

## Body Parameters

```
{
  "fileName": "udm-sz_01-etc-20230627002725.zip"
}
```

# Params

Name	Location	Type	Required	Description
ne_id	query	string	yes	none
accessToken	header	string	yes	none
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token
body	body	object	no	none
» fileName	body	string	yes	none

## Response Examples

### 200 Response

```
{}
```

# Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

# DELETE Delete Software from OMC

DELETE /api/rest/systemManagement/v1/elementType/udm/objectType/cm



## Body Parameters

```
{
  "fileName": "udm-sz_01-etc-20230615171608.zip"
}
```

## Params

Name	Location	Type	Required	Description
ne_id	query	string	yes	none
accessToken	header	string	yes	none
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token
body	body	object	no	none
» fileName	body	string	yes	none

## Response Examples

### 200 Response

```
{}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

# PUT Active Software To NF

PUT /api/rest/systemManagement/v1/EMS/software/5GC16.1.1.20230628/SZ\_T01

## Body Parameters

```
{}
```

## Params

Name	Location	Type	Required	Description
accessToken	header	string	yes	none
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token
body	body	object	no	none

## Response Examples

### 200 Response

```
{}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

# Responses Data Schema

## PATCH Rollback Software To NF

PATCH /api/rest/systemManagement/v1/EMS/software/5GC16.1.1.20230628/SZ\_T01

### Body Parameters

```
file: string
```

## Params

Name	Location	Type	Required	Description
accessToken	header	string	yes	none
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token
body	body	object	no	none
» file	body	string(binary)	yes	none

### Response Examples

#### 200 Response

```
{}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

# POST Distribute Software To NF

POST /api/rest/systemManagement/v1/EMS/software/2.2311.8/001

### Body Parameters

```
file: string
```

## Params

Name	Location	Type	Required	Description
accessToken	header	string	yes	none
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token
body	body	object	no	none
» file	body	string(binary)	yes	none

### Response Examples

#### 200 Response

```
{}
```

# Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

### Configuration/Parameter config

## GET Get System Parameter from UDM

GET /api/rest/systemManagement/v1/elementType/udm/objectType/config/system

### Params

Name	Location	Type	Required	Description
ne_id	query	string	yes	none
loc	query	string	yes	none
AccessToken	header	string	yes	none
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9

#### Response Examples

##### 200 Response

```
{}
```

# Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

### PUT Put System Parameter to UDM

PUT /api/rest/systemManagement/v1/elementType/udm/objectType/config/system

#### Body Parameters

```
{
  "capacity": 1000,
  "priority": 2
}
```

## Params

Name	Location	Type	Required	Description
subsys_no	query	string	yes	none
AccessToken	header	string	yes	none
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
body	body	object	no	none
» capacity	body	integer	yes	none
» priority	body	integer	yes	none

## Response Examples

### 200 Response

```
{}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

# POST Post System Parameter to UDM

POST /api/rest/systemManagement/v1/elementType/udm/objectType/config/system

### Body Parameters

```
{  
  "capacity": 1000,  
  "priority": 2  
}
```

## Params

Name	Location	Type	Required	Description
subsys_no	query	string	yes	none
AccessToken	header	string	yes	none
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent

Name	Location	Type	Required	Description
Accept-Language	header	string	yes	en_US;q=0.9
body	body	object	no	none
» capacity	body	integer	yes	none
» priority	body	integer	yes	none

## Response Examples

### 200 Response

```
{}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

# DELETE Delete System Parameter to UDM

DELETE /api/rest/systemManagement/v1/elementType/udm/objectType/config/system

## Params

Name	Location	Type	Required	Description
subsys_no	query	string	yes	none
AccessToken	header	string	yes	none
Authorization	header	string	yes	Authoirzation token



Name	Location	Type	Required	Description
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9

## Response Examples

### 200 Response

```
{}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

# GET Get subsUEAmbr Parameter from UDM

GET

/api/rest/systemManagement/v1/elementType/udm/objectType/config/subsUEAmbr

## Params

Name	Location	Type	Required	Description
AccessToken	header	string	yes	none
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer

Name	Location	Type	Required	Description
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9

## Response Examples

### 200 Response

```
{}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

# GET Get UDM smfSelection

GET

/api/rest/systemManagement/v1/elementType/udm/objectType/config/smfSelection

## Params

Name	Location	Type	Required	Description
AccessToken	header	string	yes	none
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9

## Response Examples

### 200 Response

```
{}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

# GET Get IMS system param

GET /api/rest/systemManagement/v1/elementType/amf/objectType/config/guami

## Params

Name	Location	Type	Required	Description
AccessToken	header	string	yes	none
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9

## Response Examples

### 200 Response

```
{}
```

# Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

## UE Management/UDM Subscriber Data

### GET Subscriber Info

GET /ne/udm/sub/{neld}/{imsi}

### Params

Name	Location	Type	Required	Description
neld	path	string	yes	none
imsi	path	string	yes	none
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token

#### Response Examples

##### Success

```
{
  "code": 1,
  "data": {
    "AMBR": "def_ambr",
```

```
"ActiveTime": "1000",
"AreaForbidden": "def_arfb",
"CNType": "0x03(EPC|5GC)",
"EPS-Data": "1,64,24,65,def_eps,1,2,010200000000,-",
"MICO": "0",
"MME_id": "-",
"MSISDN": "13407550193",
"NSSAI": "def_nssai",
"ODB_PS": "1",
"RAT": "0x00(VIRTUAL|WLAN|EUTRA|NR)",
"RegTimer": "12000",
"RfspIndex": "1",
"SM-Data(snssai+dnn[1..n])": "1-000001&cmnet&ims&3gnet",
"ServiceAreaRestriction": "def_sar",
"Smf-Selection": "def_snssai",
"UEUsageType": "1",
"kdc_flag": "0"
},
"msg": "success"
}
```

```
{
"code": 1,
"data": {
"id": "137028",
"msisdn": "86123075529295",
"imsi": "460000100029295",
"ambr": "def_ambr",
"nssai": "def_nssai",
"rat": "3",
"arfb": "def_arfb",
"sar": "def_sar",
"cn": "3",
"smData": "1-000001&cmnet&ims",
"smfSel": "def_snssai",
"epsDat": "0,64,24,65,def_eps,1,2,010200000000,-",
"neId": "",
"epsFlag": "0",
"epsOdb": "64",
"hlmnOdb": "24",
"ard": "65",
"epstpl": "def_eps",
"contextId": "1",
"apnContext": "010200000000",
"staticIp": "-"
},
"msg": "success"
}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	Success	Inline

## Responses Data Schema

HTTP Status Code **200**

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» data	object	true	none	none
»» id	string	true	none	none
»» msisdn	string	true	none	none
»» imsi	string	true	none	none
»» ambr	string	true	none	none
»» nssai	string	true	none	none
»» rat	string	true	none	none
»» arfb	string	true	none	none
»» sar	string	true	none	none
»» cn	string	true	none	none
»» smData	string	true	none	none
»» smfSel	string	true	none	none
»» epsDat	string	true	none	none
»» neld	string	true	none	none
»» epsFlag	string	true	none	none
»» epsOdb	string	true	none	none
»» hplmnOdb	string	true	none	none
»» ard	string	true	none	none
»» epstpl	string	true	none	none

Name	Type	Required	Restrictions	description
»» contextId	string	true	none	none
»» apnContext	string	true	none	none
»» staticIp	string	true	none	none
» msg	string	true	none	none

## DELETE Subscriber

DELETE /ne/udm/sub/{neld}/{imsi}

### Params

Name	Location	Type	Required	Description
neld	path	string	yes	none
imsi	path	string	yes	none
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token

#### Response Examples

##### Success

```
{
  "code": 1,
  "data": 2021,
  "msg": "success"
}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	Success	Inline

## Responses Data Schema

HTTP Status Code **200**

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» msg	string	true	none	none
» data	integer	true	none	none

## POST Subscriber

POST /ne/udm/sub/{neId}

This API can add 4/5G subscribers at the same time

### Body Parameters

```
{
  "msisdn": "string",
  "imsi": "string",
  "ambr": "string",
  "nssai": "string",
  "rat": "string",
  "arfb": "string",
  "sar": "string",
  "cn": "string",
  "smData": "string",
  "smfSel": "string",
  "epsDat": "string",
  "epsFlag": "string",
  "epsOdb": "string",
  "hplmnOdb": "string",
  "ard": "string",
  "epstpl": "string",
  "contextId": "string",
  "apnContext": "string",
  "staticIp": "string"
}
```



# Params

Name	Location	Type	Required	Description
neld	path	string	yes	none
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token
body	body	object	no	none
» msisdn	body	string	yes	none
» imsi	body	string	yes	none
» ambr	body	string	yes	none
» nssai	body	string	yes	none
» rat	body	string	yes	none
» arfb	body	string	yes	none
» sar	body	string	yes	none
» cn	body	string	yes	none
» smData	body	string	yes	none
» smfSel	body	string	yes	none
» epsDat	body	string	yes	none
» epsFlag	body	string	yes	none
» epsOdb	body	string	yes	none
» hplmnOdb	body	string	yes	none
» ard	body	string	yes	none
» epstpl	body	string	yes	none
» contextId	body	string	yes	none

Name	Location	Type	Required	Description
» apnContext	body	string	yes	none
» staticIp	body	string	yes	The static IP refers to the static IP assigned to the 4G UE. It can be omitted if not available.

## Response Examples

### Success

```
{
  "code": 1,
  "data": 2021,
  "msg": "success"
}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	Success	Inline

## Responses Data Schema

### HTTP Status Code 200

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» data	string	true	none	none
» msg	string	true	none	none

## PUT Subscriber

PUT /ne/udm/sub/{neId}

```

{
  "msisdn": "string",
  "imsi": "string",
  "ambr": "string",
  "nssai": "string",
  "rat": "string",
  "arfb": "string",
  "sar": "string",
  "cn": "string",
  "smData": "string",
  "smfSel": "string",
  "epsDat": "string",
  "epsFlag": "string",
  "epsOdb": "string",
  "hplmnOdb": "string",
  "ard": "string",
  "epstpl": "string",
  "contextId": "string",
  "apnContext": "string",
  "staticIp": "string"
}

```

## Params

Name	Location	Type	Required	Description
neld	path	string	yes	none
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token
body	body	object	no	none
» msisdn	body	string	yes	none
» imsi	body	string	yes	none
» ambr	body	string	yes	none

Name	Location	Type	Required	Description
» nssai	body	string	yes	none
» rat	body	string	yes	none
» arfb	body	string	yes	none
» sar	body	string	yes	none
» cn	body	string	yes	none
» smData	body	string	yes	none
» smfSel	body	string	yes	none
» epsDat	body	string	yes	none
» epsFlag	body	string	yes	none
» epsOdb	body	string	yes	none
» hplmnOdb	body	string	yes	none
» ard	body	string	yes	none
» epstpl	body	string	yes	none
» contextId	body	string	yes	none
» apnContext	body	string	yes	none
» staticIp	body	string	yes	The static IP refers to the static IP assigned to the 4G UE. It can be omitted if not available.

## Response Examples

### Success

```
{
  "code": 1,
  "data": 2021,
  "msg": "success"
}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	Success	Inline

## Responses Data Schema

HTTP Status Code **200**

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» msg	string	true	none	none
» data	integer	true	none	none

## POST Batch Add Subscribers

POST /ne/udm/sub/{neld}/{num}

### Body Parameters

```
{
  "msisdn": "string",
  "imsi": "string",
  "ambr": "string",
  "nssai": "string",
  "rat": "string",
  "arfb": "string",
  "sar": "string",
  "cn": "string",
  "smData": "string",
  "smfSel": "string",
  "epsDat": "string",
  "epsFlag": "string",
  "epsOdb": "string",
  "hplmnOdb": "string",
  "ard": "string",
  "epstpl": "string",
  "contextId": "string",
  "apnContext": "string",
  "staticIp": "string"
}
```

# Params

Name	Location	Type	Required	Description
neld	path	string	yes	none
num	path	string	yes	Subscriber number
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token
body	body	object	no	none
» msisdn	body	string	yes	none
» imsi	body	string	yes	none
» ambr	body	string	yes	none
» nssai	body	string	yes	none
» rat	body	string	yes	none
» arfb	body	string	yes	none
» sar	body	string	yes	none
» cn	body	string	yes	none
» smData	body	string	yes	none
» smfSel	body	string	yes	none
» epsDat	body	string	yes	none
» epsFlag	body	string	yes	none
» epsOdb	body	string	yes	none
» hplmnOdb	body	string	yes	none
» ard	body	string	yes	none
» epstpl	body	string	yes	none

Name	Location	Type	Required	Description
» contextId	body	string	yes	none
» apnContext	body	string	yes	none
» staticIp	body	string	yes	The static IP refers to the static IP assigned to the 4G UE. It can be omitted if not available.

## Response Examples

### Success

```
{
  "code": 1,
  "data": 2021,
  "msg": "success"
}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	Success	Inline

## Responses Data Schema

HTTP Status Code **200**

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» msg	string	true	none	none
» data	integer	true	none	none

## DELETE Batch Delete Subscriber

DELETE /ne/udm/sub/{neld}/{imsi}/{num}

## Params

Name	Location	Type	Required	Description
neld	path	string	yes	none
imsi	path	string	yes	none
num	path	string	yes	none
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token

### Response Examples

#### Success

```
{
  "code": 1,
  "data": 2021,
  "msg": "success"
}
```

```
{
  "code": 1,
  "data": "command ok",
  "msg": "success"
}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	Success	Inline



# Responses Data Schema

HTTP Status Code **200**

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» data	string	true	none	none
» msg	string	true	none	none

## POST Export Subscriber

POST /ne/udm/sub/export

### Body Parameters

```
{
  "neId": "string",
  "type": "string"
}
```

## Params

Name	Location	Type	Required	Description
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token
body	body	object	no	none
» neld	body	string	yes	none
» type	body	string	yes	none

## Response Examples

### Success

```
{
  "code": 1,
  "data": 2021,
  "msg": "success"
}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	Success	Inline

## Responses Data Schema

HTTP Status Code **200**

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» msg	string	true	none	none
» data	integer	true	none	none

## PUT Reload data for Redis

PUT /ne/udm/sub/resetData/{neld}

## Params

Name	Location	Type	Required	Description
neld	path	string	yes	none
Authorization	header	string	yes	Authoirzation token

Name	Location	Type	Required	Description
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token

## Response Examples

### Success

```
{
  "code": 1,
  "msg": "success",
  "data": [
    {
      "name": "System",
      "path": "/system",
      "component": "BasicLayout",
      "meta": {
        "icon": "icon-pcduan",
        "title": "System Management",
        "hide": false,
        "cache": true,
        "target": null
      },
      "redirect": "/system/user",
      "children": [
        {
          "name": "User",
          "path": "user",
          "component": "system/user/index",
          "meta": {
            "icon": "icon-pcduan",
            "title": "User Management",
            "hide": false,
            "cache": true,
            "target": null
          }
        }
      ],
      "children": [
        {
          "name": "Role",
          "path": "role",
          "component": "system/role/index",
          "meta": {
            "icon": "icon-pcduan",
            "title": "Role Management",
            "hide": false,
            "cache": true,
            "target": null
          }
        }
      ]
    }
  ]
}
```

```
},
{
  "name": "RoleinlineauthuserroleId",
  "path": "role/inline/auth-user/:roleId",
  "component": "system/role/auth-user",
  "meta": {
    "icon": "icon-pcduan",
    "title": "Role assign to user",
    "hide": true,
    "cache": false,
    "target": null
  }
},
{
  "name": "Menu",
  "path": "menu",
  "component": "system/menu/index",
  "meta": {
    "icon": "icon-pcduan",
    "title": "Menu management",
    "hide": false,
    "cache": true,
    "target": null
  }
},
{
  "name": "Dept",
  "path": "dept",
  "component": "system/dept/index",
  "meta": {
    "icon": "icon-pcduan",
    "title": "Department management",
    "hide": false,
    "cache": true,
    "target": null
  }
},
{
  "name": "Post",
  "path": "post",
  "component": "system/post/index",
  "meta": {
    "icon": "icon-pcduan",
    "title": "Postion management",
    "hide": false,
    "cache": true,
    "target": null
  }
},
{
  "name": "Dict",
  "path": "dict",
  "component": "system/dict/index",
  "meta": {
    "icon": "icon-pcduan",
    "title": "Dictionary management",
    "hide": false,
```

```
    "cache": true,
    "target": null
  }
},
{
  "name": "DictinlinedatadictId",
  "path": "dict/inline/data/:dictId",
  "component": "system/dict/data",
  "meta": {
    "icon": "icon-pcduan",
    "title": "Dictionary data",
    "hide": true,
    "cache": false,
    "target": null
  }
},
{
  "name": "Log",
  "path": "log",
  "component": "BlankLayout",
  "meta": {
    "icon": "icon-pcduan",
    "title": "Log management",
    "hide": false,
    "cache": true,
    "target": null
  },
  "redirect": "/system/log/operlog",
  "children": [
    {
      "name": "Operlog",
      "path": "operlog",
      "component": "monitor/operlog/index",
      "meta": {
        "icon": "icon-pcduan",
        "title": "Operation log",
        "hide": false,
        "cache": true,
        "target": null
      }
    },
    {
      "name": "Logininfor",
      "path": "logininfor",
      "component": "monitor/logininfor/index",
      "meta": {
        "icon": "icon-pcduan",
        "title": "Security log",
        "hide": false,
        "cache": true,
        "target": null
      }
    }
  ]
}
],
},
],
},
```

```
{
  "name": "Monitor",
  "path": "/monitor",
  "component": "BasicLayout",
  "meta": {
    "icon": "icon-pcduan",
    "title": "System monitor",
    "hide": false,
    "cache": true,
    "target": null
  },
  "redirect": "/monitor/server",
  "children": [
    {
      "name": "Server",
      "path": "server",
      "component": "monitor/server/index",
      "meta": {
        "icon": "icon-pcduan",
        "title": "Server monitor",
        "hide": false,
        "cache": true,
        "target": null
      }
    },
    {
      "name": "Cache",
      "path": "cache",
      "component": "monitor/cache/index",
      "meta": {
        "icon": "icon-pcduan",
        "title": "Cache monitor",
        "hide": false,
        "cache": true,
        "target": null
      }
    },
    {
      "name": "CacheList",
      "path": "cacheList",
      "component": "monitor/cache/list",
      "meta": {
        "icon": "icon-pcduan",
        "title": "Cache list",
        "hide": false,
        "cache": true,
        "target": null
      }
    },
    {
      "name": "Online",
      "path": "online",
      "component": "monitor/online/index",
      "meta": {
        "icon": "icon-pcduan",
        "title": "Online users",
        "hide": false,
```

```

        "cache": true,
        "target": null
    }
},
{
    "name": "Job",
    "path": "job",
    "component": "monitor/job/index",
    "meta": {
        "icon": "icon-pcduan",
        "title": "Scheduling tasks",
        "hide": false,
        "cache": true,
        "target": null
    }
}
]
}

```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	Success	Inline

## Responses Data Schema

### HTTP Status Code 200

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» msg	string	true	none	none
» data	[object]	true	none	none
»» name	string	true	none	none
»» path	string	true	none	none
»» component	string	true	none	
»» meta	object	true	none	none
»»» icon	string	true	none	none

Name	Type	Required	Restrictions	description
»»» title	string	true	none	none
»»» hide	boolean	true	none	none
»»» cache	boolean	true	none	none
»»» target	string!null	true	none	none
»» redirect	string	false	none	none
»» children	[object]	false	none	none
»»» name	string	true	none	none
»»» path	string	true	none	none
»»» component	string	true	none	none
»»» meta	object	true	none	none
»»»» icon	string	true	none	none
»»»» title	string	true	none	none
»»»» hide	boolean	true	none	none
»»»» cache	boolean	true	none	none
»»»» target	string!null	true	none	none

## POST Import subscriber list

POST /ne/udm/sub/import

### Body Parameters

```
neId: "002"
file: string
```

## Params



Name	Location	Type	Required	Description
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token
body	body	object	no	none
» neld	body	string	yes	none
» file	body	string(binary)	yes	none

## Response Examples

### Success

```
{
  "code": 1,
  "data": 2021,
  "msg": "success"
}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	Success	Inline

## Responses Data Schema

### HTTP Status Code 200

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» msg	string	true	none	none

Name	Type	Required	Restrictions	description
» data	integer	true	none	none

# GET Aquire subscriber list

GET /ne/udm/sub/list

## Params

Name	Location	Type	Required	Description
msisdn	query	string	no	none
imsi	query	string	no	none
neld	query	string	no	none
sortField	query	string	no	none
sortOrder	query	string	no	none
pageNum	query	number	no	Page number, default 1
pageSize	query	number	no	Size of one page, default 10
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token

### Response Examples

#### Success

```
{
  "code": 1,
  "msg": "success",
  "rows": [
    {
      "id": "340065",
```

```
"msisdn": "12399999100",
"imsi": "46000999999100",
"ambr": "def_ambr",
"nssai": "def_nssai",
"rat": "0",
"arfb": "def_arfb",
"sar": "def_sar",
"cn": "3",
"smData": "1-000001&cmnet&ims",
"smfSel": "def_snssai",
"epsDat": "0,64,24,65,def_eps,1,1,20000000000,01020000000",
"neId": "",
"epsFlag": "0",
"epsOdb": "64",
"hlmnOdb": "24",
"ard": "65",
"epstpl": "def_eps",
"contextId": "1",
"apnContext": "20000000000",
"staticIp": "01020000000"
},
{
  "id": "342252",
  "msisdn": "12399999099",
  "imsi": "46000999999099",
  "ambr": "def_ambr",
  "nssai": "def_nssai",
  "rat": "0",
  "arfb": "def_arfb",
  "sar": "def_sar",
  "cn": "3",
  "smData": "1-000001&cmnet&ims",
  "smfSel": "def_snssai",
  "epsDat": "0,64,24,65,def_eps,1,1,20000000000,01020000000",
  "neId": "",
  "epsFlag": "0",
  "epsOdb": "64",
  "hlmnOdb": "24",
  "ard": "65",
  "epstpl": "def_eps",
  "contextId": "1",
  "apnContext": "20000000000",
  "staticIp": "01020000000"
},
{
  "id": "344385",
  "msisdn": "12399999098",
  "imsi": "46000999999098",
  "ambr": "def_ambr",
  "nssai": "def_nssai",
  "rat": "0",
  "arfb": "def_arfb",
  "sar": "def_sar",
  "cn": "3",
  "smData": "1-000001&cmnet&ims",
  "smfSel": "def_snssai",
  "epsDat": "0,64,24,65,def_eps,1,1,20000000000,01020000000",
```

```
"neId": "",
"epsFlag": "0",
"epsOdb": "64",
"hlmnOdb": "24",
"ard": "65",
"epstpl": "def_eps",
"contextId": "1",
"apnContext": "200000000000",
"staticIp": "010200000000"
},
{
  "id": "344268",
  "msisdn": "12399999097",
  "imsi": "46000999999097",
  "ambr": "def_ambr",
  "nssai": "def_nssai",
  "rat": "0",
  "arfb": "def_arfb",
  "sar": "def_sar",
  "cn": "3",
  "smData": "1-000001&cmnet&ims",
  "smfSel": "def_snssai",
  "epsDat": "0,64,24,65,def_eps,1,1,200000000000,010200000000",
  "neId": "",
  "epsFlag": "0",
  "epsOdb": "64",
  "hlmnOdb": "24",
  "ard": "65",
  "epstpl": "def_eps",
  "contextId": "1",
  "apnContext": "200000000000",
  "staticIp": "010200000000"
},
{
  "id": "339149",
  "msisdn": "12399999096",
  "imsi": "46000999999096",
  "ambr": "def_ambr",
  "nssai": "def_nssai",
  "rat": "0",
  "arfb": "def_arfb",
  "sar": "def_sar",
  "cn": "3",
  "smData": "1-000001&cmnet&ims",
  "smfSel": "def_snssai",
  "epsDat": "0,64,24,65,def_eps,1,1,200000000000,010200000000",
  "neId": "",
  "epsFlag": "0",
  "epsOdb": "64",
  "hlmnOdb": "24",
  "ard": "65",
  "epstpl": "def_eps",
  "contextId": "1",
  "apnContext": "200000000000",
  "staticIp": "010200000000"
},
{
```

```
"id": "342539",
"msisdn": "12399999095",
"imsi": "46000999999095",
"ambr": "def_ambr",
"nssai": "def_nssai",
"rat": "0",
"arfb": "def_arfb",
"sar": "def_sar",
"cn": "3",
"smData": "1-000001&cmnet&ims",
"smfSel": "def_snssai",
"epsDat": "0,64,24,65,def_eps,1,1,20000000000,01020000000",
"neId": "",
"epsFlag": "0",
"epsOdb": "64",
"hlmnOdb": "24",
"ard": "65",
"epstpl": "def_eps",
"contextId": "1",
"apnContext": "20000000000",
"staticIp": "01020000000"
},
{
  "id": "339650",
  "msisdn": "12399999094",
  "imsi": "46000999999094",
  "ambr": "def_ambr",
  "nssai": "def_nssai",
  "rat": "0",
  "arfb": "def_arfb",
  "sar": "def_sar",
  "cn": "3",
  "smData": "1-000001&cmnet&ims",
  "smfSel": "def_snssai",
  "epsDat": "0,64,24,65,def_eps,1,1,20000000000,01020000000",
  "neId": "",
  "epsFlag": "0",
  "epsOdb": "64",
  "hlmnOdb": "24",
  "ard": "65",
  "epstpl": "def_eps",
  "contextId": "1",
  "apnContext": "20000000000",
  "staticIp": "01020000000"
},
{
  "id": "342061",
  "msisdn": "12399999093",
  "imsi": "46000999999093",
  "ambr": "def_ambr",
  "nssai": "def_nssai",
  "rat": "0",
  "arfb": "def_arfb",
  "sar": "def_sar",
  "cn": "3",
  "smData": "1-000001&cmnet&ims",
  "smfSel": "def_snssai",
```

```
"epsDat": "0,64,24,65,def_eps,1,1,200000000000,010200000000",
"neId": "",
"epsFlag": "0",
"epsOdb": "64",
"hlmnOdb": "24",
"ard": "65",
"epstpl": "def_eps",
"contextId": "1",
"apnContext": "200000000000",
"staticIp": "010200000000"
},
{
  "id": "342845",
  "msisdn": "12399999092",
  "imsi": "46000999999092",
  "ambr": "def_ambr",
  "nssai": "def_nssai",
  "rat": "0",
  "arfb": "def_arfb",
  "sar": "def_sar",
  "cn": "3",
  "smData": "1-000001&cmnet&ims",
  "smfSel": "def_snssai",
  "epsDat": "0,64,24,65,def_eps,1,1,200000000000,010200000000",
  "neId": "",
  "epsFlag": "0",
  "epsOdb": "64",
  "hlmnOdb": "24",
  "ard": "65",
  "epstpl": "def_eps",
  "contextId": "1",
  "apnContext": "200000000000",
  "staticIp": "010200000000"
},
{
  "id": "339595",
  "msisdn": "12399999091",
  "imsi": "46000999999091",
  "ambr": "def_ambr",
  "nssai": "def_nssai",
  "rat": "0",
  "arfb": "def_arfb",
  "sar": "def_sar",
  "cn": "3",
  "smData": "1-000001&cmnet&ims",
  "smfSel": "def_snssai",
  "epsDat": "0,64,24,65,def_eps,1,1,200000000000,010200000000",
  "neId": "",
  "epsFlag": "0",
  "epsOdb": "64",
  "hlmnOdb": "24",
  "ard": "65",
  "epstpl": "def_eps",
  "contextId": "1",
  "apnContext": "200000000000",
  "staticIp": "010200000000"
}
}
```

```
  ],
  "total": 37094
}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	Success	Inline

## Responses Data Schema

HTTP Status Code **200**

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» msg	string	true	none	none
» rows	[object]	true	none	none
»» id	string	true	none	none
»» msisdn	string	true	none	none
»» imsi	string	true	none	none
»» ambr	string	true	none	none
»» nssai	string	true	none	none
»» rat	string	true	none	none
»» arfb	string	true	none	none
»» sar	string	true	none	none
»» cn	string	true	none	none
»» smData	string	true	none	none
»» smfSel	string	true	none	none
»» epsDat	string	true	none	none
»» neld	string	true	none	none

Name	Type	Required	Restrictions	description
»» epsFlag	string	true	none	none
»» epsOdb	string	true	none	none
»» hplmnOdb	string	true	none	none
»» ard	string	true	none	none
»» epstpl	string	true	none	none
»» contextId	string	true	none	none
»» apnContext	string	true	none	none
»» staticIp	string	true	none	none
» total	integer	true	none	none

## UE Management/UDM Authentication Data

### GET Authentication data list

GET /ne/udm/auth/list

#### Params

Name	Location	Type	Required	Description
neld	query	string	no	none
imsi	query	string	no	none
msisdn	query	string	no	none
sortField	query	string	no	none
sortOrder	query	string	no	none
pageNum	query	number	no	Page number, default 1
pageSize	query	number	no	Size of one page, default 10



Name	Location	Type	Required	Description
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token

## Response Examples

### Success

```
{
  "code": 1,
  "data": {
    "rows": [
      {
        "id": "1",
        "imsi": "460000100023631",
        "amf": "8000",
        "status": "0",
        "ki": "805DADC6E8A54A0D59D622C7A04D08E0",
        "algoIndex": "0",
        "opc": "-",
        "neId": ""
      },
      {
        "id": "2",
        "imsi": "460009999996296",
        "amf": "8000",
        "status": "0",
        "ki": "12345678901234567890123456789012",
        "algoIndex": "0",
        "opc": "212E3B94279CB0F8095A55E8EF5569F7",
        "neId": ""
      },
      {
        "id": "3",
        "imsi": "460001100000793",
        "amf": "8000",
        "status": "0",
        "ki": "1307cd53d3d0c2b2a32ab3a7decdd03a93489719b37fcbc66",
        "algoIndex": "0",
        "opc": "-",
        "neId": ""
      },
      {
        "id": "4",
        "imsi": "460000100018255",
        "amf": "8000",
```

```
"status": "0",
"ki": "805DADC6E8A54A0D59D622C7A04D08E0",
"algoIndex": "0",
"opc": "-",
"neId": ""
},
{
  "id": "5",
  "imsi": "460000100008970",
  "amf": "8000",
  "status": "0",
  "ki": "805DADC6E8A54A0D59D622C7A04D08E0",
  "algoIndex": "0",
  "opc": "-",
  "neId": ""
},
{
  "id": "6",
  "imsi": "460000100019859",
  "amf": "8000",
  "status": "0",
  "ki": "805DADC6E8A54A0D59D622C7A04D08E0",
  "algoIndex": "0",
  "opc": "-",
  "neId": ""
},
{
  "id": "7",
  "imsi": "460000100015591",
  "amf": "8000",
  "status": "0",
  "ki": "805DADC6E8A54A0D59D622C7A04D08E0",
  "algoIndex": "0",
  "opc": "-",
  "neId": ""
},
{
  "id": "8",
  "imsi": "460119999999587",
  "amf": "8000",
  "status": "0",
  "ki": "12345678901234567890123456789012",
  "algoIndex": "0",
  "opc": "212E3B94279CB0F8095A55E8EF5569F7",
  "neId": ""
},
{
  "id": "9",
  "imsi": "460009999992973",
  "amf": "8000",
  "status": "0",
  "ki": "12345678901234567890123456789012",
  "algoIndex": "0",
  "opc": "212E3B94279CB0F8095A55E8EF5569F7",
  "neId": ""
},
{
```

```
    "id": "10",
    "imsi": "460000100027485",
    "amf": "8000",
    "status": "0",
    "ki": "805DADC6E8A54A0D59D622C7A04D08E0",
    "algoIndex": "0",
    "opc": "-",
    "neId": ""
  }
],
"total": 37981
},
"msg": "success"
}
```

```
{
"code": 1,
"msg": "success",
"rows": [
  {
    "id": "20232",
    "msisdn": "12346001956",
    "imsi": "460001100001956",
    "amf": "8000",
    "status": "0",
    "ki": "1307cd53d3d0c2b2a32ab3a7decd03a93489719b37fcbc66",
    "algoIndex": "0",
    "opc": "-",
    "neId": "001"
  },
  {
    "id": "20233",
    "msisdn": "13407550852",
    "imsi": "460000200000852",
    "amf": "8000",
    "status": "1",
    "ki": "d94a7a4a938a8c4e830e571e7267680a3489719b37fcbc66",
    "algoIndex": "0",
    "opc": "36fb9f7521c2df81d8bfbe0c1e7cd4293489719b37fcbc66",
    "neId": "001"
  },
  {
    "id": "20234",
    "msisdn": "12346001008",
    "imsi": "460001100001008",
    "amf": "8000",
    "status": "0",
    "ki": "1307cd53d3d0c2b2a32ab3a7decd03a93489719b37fcbc66",
    "algoIndex": "0",
    "opc": "-",
    "neId": "001"
  },
  {
    "id": "20235",
    "msisdn": "13407550581",
```

```
"imsi": "460000200000581",
"amf": "8000",
"status": "1",
"ki": "d94a7a4a938a8c4e830e571e7267680a3489719b37fcbc66",
"algoIndex": "0",
"opc": "36fb9f7521c2df81d8bfbe0c1e7cd4293489719b37fcbc66",
"neId": "001"
},
{
  "id": "20236",
  "msisdn": "12346001144",
  "imsi": "460001100001144",
  "amf": "8000",
  "status": "0",
  "ki": "1307cd53d3d0c2b2a32ab3a7decd03a93489719b37fcbc66",
  "algoIndex": "0",
  "opc": "-",
  "neId": "001"
},
{
  "id": "20237",
  "msisdn": "13407550473",
  "imsi": "460000200000473",
  "amf": "8000",
  "status": "1",
  "ki": "d94a7a4a938a8c4e830e571e7267680a3489719b37fcbc66",
  "algoIndex": "0",
  "opc": "36fb9f7521c2df81d8bfbe0c1e7cd4293489719b37fcbc66",
  "neId": "001"
},
{
  "id": "20238",
  "msisdn": "13407550135",
  "imsi": "460000200000135",
  "amf": "8000",
  "status": "1",
  "ki": "d94a7a4a938a8c4e830e571e7267680a3489719b37fcbc66",
  "algoIndex": "0",
  "opc": "36fb9f7521c2df81d8bfbe0c1e7cd4293489719b37fcbc66",
  "neId": "001"
},
{
  "id": "20239",
  "msisdn": "12346001321",
  "imsi": "460001100001321",
  "amf": "8000",
  "status": "0",
  "ki": "1307cd53d3d0c2b2a32ab3a7decd03a93489719b37fcbc66",
  "algoIndex": "0",
  "opc": "-",
  "neId": "001"
},
{
  "id": "20240",
  "msisdn": "12346001754",
  "imsi": "460001100001754",
  "amf": "8000",
```

```

    "status": "0",
    "ki": "1307cd53d3d0c2b2a32ab3a7decd03a93489719b37fcbc66",
    "algoIndex": "0",
    "opc": "-",
    "neId": "001"
  },
  {
    "id": "20241",
    "msisdn": "12346001360",
    "imsi": "460001100001360",
    "amf": "8000",
    "status": "0",
    "ki": "1307cd53d3d0c2b2a32ab3a7decd03a93489719b37fcbc66",
    "algoIndex": "0",
    "opc": "-",
    "neId": "001"
  }
],
"total": 2019
}

```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	Success	Inline

## Responses Data Schema

### HTTP Status Code 200

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» msg	string	true	none	none
» rows	[object]	true	none	none
»» id	string	true	none	none
»» imsi	string	true	none	none
»» amf	string	true	none	none
»» status	string	true	none	none
»» ki	string	true	none	none

Name	Type	Required	Restrictions	description
»» algoIndex	string	true	none	none
»» opc	string	true	none	none
»» neld	string	true	none	none
» total	integer	true	none	none

## GET Auth data

GET /ne/udm/auth/{neld}/{imsi}

### Params

Name	Location	Type	Required	Description
neld	path	string	yes	none
imsi	path	string	yes	none
pageNum	query	number	no	Page number, default 1
pageSize	query	number	no	Size of one page, default 10
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token

#### Response Examples

##### Success

```
{
  "code": 1,
  "data": {
    "id": "",
    "msisdn": "",
    "imsi": "460001100001071",
  }
}
```

```

    "amf": "8000",
    "status": "",
    "ki": "*",
    "algoIndex": "0",
    "opc": "*",
    "neId": ""
  },
  "msg": "success"
}

```

```

{
  "code": 1,
  "data": {
    "id": "1",
    "imsi": "460000100023631",
    "amf": "8000",
    "status": "0",
    "ki": "805DADC6E8A54A0D59D622C7A04D08E0",
    "algoIndex": "0",
    "opc": "-",
    "neId": ""
  },
  "msg": "success"
}

```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	Success	Inline

## Responses Data Schema

### HTTP Status Code 200

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» data	object	true	none	none
»» id	string	true	none	none
»» imsi	string	true	none	none
»» amf	string	true	none	none

Name	Type	Required	Restrictions	description
»» status	string	true	none	none
»» ki	string	true	none	none
»» algoIndex	string	true	none	none
»» opc	string	true	none	none
»» neld	string	true	none	none
» msg	string	true	none	none

## DELETE Delete auth data

DELETE /ne/udm/auth/{neld}/{imsi}

### Params

Name	Location	Type	Required	Description
neld	path	string	yes	none
imsi	path	string	yes	none
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token

#### Response Examples

##### Success

```
{
  "code": 1,
  "data": 2021,
  "msg": "success"
}
```



# Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	Success	Inline

## Responses Data Schema

HTTP Status Code **200**

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» msg	string	true	none	none
» data	integer	true	none	none

## PUT Reload data from Redis

PUT /ne/udm/auth/resetData/{neld}

## Params

Name	Location	Type	Required	Description
neld	path	string	yes	none
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token

Response Examples

Success

```
{
  "code": 1,
  "data": 2021,
  "msg": "success"
}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	Success	Inline

## Responses Data Schema

HTTP Status Code **200**

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» data	integer	true	none	none
» msg	string	true	none	none

## POST Add auth data

POST /ne/udm/auth/{neId}

### Body Parameters

```
{
  "algoIndex": "string",
  "amf": "string",
  "imsi": "string",
  "ki": "string",
  "opc": "string"
}
```

## Params

Name	Location	Type	Required	Description
neld	path	string	yes	none
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token
body	body	object	no	none
» algoIndex	body	string	yes	none
» amf	body	string	yes	none
» imsi	body	string	yes	none
» ki	body	string	yes	none
» opc	body	string	yes	none

## Response Examples

### Success

```
{
  "code": 1,
  "data": 2021,
  "msg": "success"
}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	Success	Inline

## Responses Data Schema

HTTP Status Code **200**

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» data	string	true	none	none
» msg	string	true	none	none

## PUT Modify auth data

PUT /ne/udm/auth/{neld}

### Body Parameters

```
{
  "algoIndex": "string",
  "amf": "string",
  "imsi": "string",
  "ki": "string",
  "opc": "string"
}
```

## Params

Name	Location	Type	Required	Description
neld	path	string	yes	none
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token
body	body	object	no	none
» algoIndex	body	string	yes	none
» amf	body	string	yes	none
» imsi	body	string	yes	none

Name	Location	Type	Required	Description
» ki	body	string	yes	none
» opc	body	string	yes	none

## Response Examples

### Success

```
{
  "code": 1,
  "data": 2021,
  "msg": "success"
}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	Success	Inline

## Responses Data Schema

### HTTP Status Code 200

Name	Type	Required	Restrictions	Title	description
» code	integer	true	none		none
» msg	string	true	none		none
» data	integer	true	none		none

## POST Batch add auth data

POST /ne/udm/auth/{neld}/{num}

### Body Parameters

```

{
  "algoIndex": "string",
  "amf": "string",
  "imsi": "string",
  "ki": "string",
  "opc": "string"
}

```

## Params

Name	Location	Type	Required	Description
neld	path	string	yes	none
num	path	string	yes	none
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token
body	body	object	no	none
» algoIndex	body	string	yes	none
» amf	body	string	yes	none
» imsi	body	string	yes	none
» ki	body	string	yes	none
» opc	body	string	yes	none

### Response Examples

#### Success

```

{
  "code": 1,
  "data": 2021,
  "msg": "success"
}

```

# Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	Success	Inline

## Responses Data Schema

HTTP Status Code **200**

Name	Type	Required	Restrictions	Title	description
» code	integer	true	none		none
» data	string	true	none		none
» msg	string	true	none		none

## DELETE Batch delete auth data

DELETE /ne/udm/auth/{neld}/{imsi}/{num}

## Params

Name	Location	Type	Required	Description
neld	path	string	yes	none
imsi	path	string	yes	none
num	path	string	yes	none
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token

## Response Examples

### Success

```
{
  "code": 1,
  "data": 2021,
  "msg": "success"
}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	Success	Inline

## Responses Data Schema

HTTP Status Code **200**

Name	Type	Required	Restrictions	Title	description
» code	integer	true	none		none
» msg	string	true	none		none
» data	integer	true	none		none

## POST Export auth data

POST /ne/udm/auth/export

### Body Parameters

```
{
  "neId": "string",
  "type": "string"
}
```



# Params

Name	Location	Type	Required	Description
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token
body	body	object	no	none
» neld	body	string	yes	none
» type	body	string	yes	none

## Response Examples

### Success

```
{
  "code": 1,
  "data": 2021,
  "msg": "success"
}
```

# Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	Success	Inline

# Responses Data Schema

HTTP Status Code **200**

Name	Type	Required	Restrictions	description
» code	integer	true	none	none

Name	Type	Required	Restrictions	description
» msg	string	true	none	none
» data	integer	true	none	none

## POST Import auth data

POST /ne/udm/auth/import

### Body Parameters

```
neId: "002"
file: string
```

## Params

Name	Location	Type	Required	Title	Description
Authorization	header	string	yes		Authoirzation token
Referer	header	string	yes		User Referer
User-Agent	header	string	yes		User Agent
Accept-Language	header	string	yes		en_US;q=0.9
AccessToken	header	string	no		Access token
body	body	object	no		none
» neld	body	string	yes		none
» file	body	string(binary)	yes		none

### Response Examples

#### Success

```
{
  "code": 1,
  "data": 2021,
  "msg": "success"
}
```

```
{
  "code": 1,
  "msg": "import ok, succ num: 36891, fail num: 1092."
}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	Success	Inline

## Responses Data Schema

HTTP Status Code **200**

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» msg	string	true	none	none

## UE Management/PCF User PCC Rules

### GET Query PCF UE Info

GET /api/rest/ueManagement/v1/elementType/pcf/objectType/ueInfo

### Params

Name	Location	Type	Required	Description
imsi	query	string	no	none
msisdn	query	string	no	none
neld	query	string	yes	none
AccessToken	header	string	yes	none
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9

## Response Examples

### Success

```
{
  "data": [
    {
      "msisdn": "12307550237",
      "pccRules": "internet",
      "rfsp": 0,
      "sessRules": "internet"
    },
    {
      "msisdn": "12307550238",
      "pccRules": "internet|ims_sig",
      "rfsp": 0,
      "sessRules": "internet|ims_sig"
    }
  ]
}
```

```
{
  "data": [
    {
      "msisdn": "12307550237",
      "pccRules": "internet",
      "rfsp": 0,
      "sessRules": "internet"
    },
    {
      "msisdn": "12307550238",
      "pccRules": "internet|ims_sig",
      "rfsp": 0,

```

```
    "sessRules": "internet|ims_sig"
  }
]
}
```

```
{
  "data": [
    {
      "hdrEnrich": "dnn",
      "imsi": "460990100000006",
      "msisdn": "86755900001",
      "pccRules": "internet|ims_sig",
      "qosAudio": "qos_audio",
      "qosVideo": "qos_video",
      "rfsp": 1,
      "sar": "def_sar",
      "sessRules": "internet|ims_sig",
      "uePolicy": "uep_001"
    }
  ]
}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	Success	Inline

## Responses Data Schema

## POST Add PCF UE Info

POST /api/rest/ueManagement/v1/elementType/pcf/objectType/ueInfo

### Body Parameters

```
{
  "imsi": "460990100000002",
  "msisdn": "86755900001",
  "qosAudio": "qos_audio",
  "pccRules": "internet|ims_sig",
  "rfsp": 1,
  "uePolicy": "uep_001",
```

```

"sessRules": "internet|ims_sig",
"sar": "def_sar",
"hdrEnrich": "dnn",
"qosVideo": "qos_video"
}

```

## Params

Name	Location	Type	Required	Description
neld	query	string	yes	none
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token
body	body	object	no	none
» imsi	body	string	yes	none
» msisdn	body	string	yes	none
» rfsp	body	integer	no	none
» sar	body	string	no	none
» pccRules	body	string	no	none
» sessRules	body	string	no	none
» uePolicy	body	string	no	none
» qosAudio	body	string	no	none
» qosVideo	body	string	no	none
» hdrEnrich	body	string	no	none

### Response Examples

#### 200 Response

```
{}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	Success	Inline

## Responses Data Schema

# PUT Modify PCF UE Info

PUT /api/rest/ueManagement/v1/elementType/pcf/objectType/ueInfo

### Body Parameters

```
{
  "imsi": "000510200000001",
  "msisdn": "135000001",
  "rfsp": "omitempty",
  "sar": "",
  "pccRules": "",
  "sessRules": "",
  "uePolicy": "",
  "qosAudio": "",
  "qosVideo": "",
  "hdrEnrich": ""
}
```

## Params

Name	Location	Type	Required	Description
imsi	query	string	no	none
msisdn	query	string	no	none
neld	query	string	yes	none

Name	Location	Type	Required	Description
AccessToken	header	string	yes	none
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
body	body	object	no	none
» imsi	body	string	yes	none
» msisdn	body	string	no	none
» rfsp	body	integer	no	none
» sar	body	string	no	none
» pccRules	body	string	no	none
» sessRules	body	string	no	none
» uePolicy	body	string	no	none
» qosAudio	body	string	no	none
» qosVideo	body	string	no	none
» hdrEnrich	body	string	no	none

## Response Examples

### 200 Response

```
{}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	Success	Inline



# Responses Data Schema

## DELETE Delete PCF UE Info

DELETE /api/rest/ueManagement/v1/elementType/pcf/objectType/ueInfo

### Params

Name	Location	Type	Required	Description
imsi	query	string	yes	none
neld	query	string	yes	none
AccessToken	header	string	yes	none
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9

#### Response Examples

#### Record Not Found

```
{
  "cause": "DATA_NOT_FOUND",
  "status": 404
}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
404	<a href="#">Not Found</a>	Record Not Found	Inline

## Responses Data Schema

## HTTP Status Code 404

Name	Type	Required	Restrictions	description
» cause	string	true	none	none
» status	integer	true	none	none

# POST Batch Add PCF UE Info

POST /api/rest/ueManagement/v1/elementType/pcf/objectType/ueInfo/batch/{number}

## Body Parameters

```
{
  "num": 11,
  "imsi": "260990100000001",
  "msisdn": "86755900001",
  "qosAudio": "qos_audio",
  "pccRules": "internet|ims_sig",
  "rfsp": 1,
  "uePolicy": "uep_001",
  "sessRules": "internet|ims_sig",
  "sar": "def_sar",
  "hdrEnrich": "dnn",
  "qosVideo": "qos_video",
  "neId": "001"
}
```

## Params

Name	Location	Type	Required	Description
number	path	string	yes	none
neId	query	string	yes	none
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9

Name	Location	Type	Required	Description
AccessToken	header	string	no	Access token
body	body	object	no	none
» imsi	body	string	yes	none
» msisdn	body	string	yes	none
» rfsp	body	integer	no	none
» sar	body	string	no	none
» pccRules	body	string	no	none
» sessRules	body	string	no	none
» uePolicy	body	string	no	none
» qosAudio	body	string	no	none
» qosVideo	body	string	no	none
» hdrEnrich	body	string	no	none

## Response Examples

### 200 Response

```
{}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	Success	Inline

## Responses Data Schema

# PUT Batch Modify PCF UE Info

PUT /api/rest/ueManagement/v1/elementType/pcf/objectType/ueInfo/batch/{number}

```

{
  "imsi": "000510200000001",
  "msisdn": "1350000001",
  "rfsp": "omitempty",
  "sar": "",
  "pccRules": "",
  "sessRules": "",
  "uePolicy": "",
  "qosAudio": "",
  "qosVideo": "",
  "hdrEnrich": ""
}

```

## Params

Name	Location	Type	Required	Description
number	path	string	yes	none
neld	query	string	yes	none
AccessToken	header	string	yes	none
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
body	body	object	no	none
» imsi	body	string	yes	none
» msisdn	body	string	yes	none
» rfsp	body	integer	yes	none
» sar	body	string	yes	none
» pccRules	body	string	yes	none
» sessRules	body	string	yes	none
» uePolicy	body	string	yes	none

Name	Location	Type	Required	Description
» qosAudio	body	string	yes	none
» qosVideo	body	string	yes	none
» hdrEnrich	body	string	yes	none

## Response Examples

### 200 Response

```
{}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	Success	Inline

## Responses Data Schema

# DELETE Batch Delete PCF UE Info

DELETE

/api/rest/ueManagement/v1/elementType/pcf/objectType/ueInfo/batch/{number}

## Params

Name	Location	Type	Required	Description
number	path	string	yes	none
neld	query	string	yes	none
imsi	query	string	yes	none
Authorization	header	string	yes	Authoirzation token

Name	Location	Type	Required	Description
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token

## Response Examples

### Success

```
{
  "cause": "no imsi",
  "status": 400
}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	Success	Inline

## Responses Data Schema

## GET Export PCF UE Info

GET /api/rest/ueManagement/v1/elementType/pcf/objectType/ueInfo/file/export

## Params

Name	Location	Type	Required	Description
neld	query	string	yes	none
fileType	query	string	yes	none
Authorization	header	string	yes	Authoirzation token

Name	Location	Type	Required	Description
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token

## Response Examples

### 200 Response

```
{}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	Success	Inline

## Responses Data Schema

## PUT Import PCF UE Info

PUT /api/rest/ueManagement/v1/elementType/pcf/objectType/ueInfo/file/import

### Body Parameters

```
{  
  "neId": "001",  
  "type": "txt",  
  "filePath": "xxx.txt"  
}
```

## Params

Name	Location	Type	Required	Description
neld	query	string	yes	none
filePath	query	string	yes	none
fileType	query	string	yes	none
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token
body	body	object	no	none
» imsi	body	string	yes	none
» msisdn	body	string	yes	none
» rfsp	body	integer	yes	none
» sar	body	string	yes	none
» pccRules	body	string	yes	none
» sessRules	body	string	yes	none
» uePolicy	body	string	yes	none
» qosAudio	body	string	yes	none
» qosVideo	body	string	yes	none
» hdrEnrich	body	string	yes	none

## Response Examples

### Success

```
{
  "detail": "[Request Body] unexpected end of JSON input",
  "status": 400,
  "title": "Malformed request syntax"
}
```



```
{
  "neId": "001",
  "fileType": "txt",
  "filePath": "/home/agtuser/PCF_001_1701420431873_zsda89.txt"
}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	Success	Inline

## Responses Data Schema

HTTP Status Code **200**

Name	Type	Required	Restrictions	description
» neld	string	true	none	none
» fileType	string	true	none	none
» filePath	string	true	none	none

## UE Management/N3IWF Online User

### GET Query N3IWF UE Info

GET /api/rest/ueManagement/v1/elementType/n3iwf/objectType/ueInfo

## Params

Name	Location	Type	Required	Description
imsi	query	string	no	none
neld	query	string	yes	none

Name	Location	Type	Required	Description
AccessToken	header	string	yes	none
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9

## Response Examples

### OK

```
{
  "data": [
    {
      "activeTime": "2023-11-29 06:35:43",
      "imsi": "460302072701181",
      "nai": "0460302072701181@nai.epc.mnc030.mcc460.3gppnetwork.org",
      "regState": 1
    }
  ]
}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

### HTTP Status Code 200

Name	Type	Required	Restrictions	description
» data	[object]	true	none	none
»» activeTime	string	false	none	none
»» imsi	string	false	none	none

Name	Type	Required	Restrictions	description
»» nai	string	false	none	none
»» regState	integer	false	none	none

## UE Management/NodeB Information

### GET Get NB Info from AMF

GET /api/rest/ueManagement/v1/elementType/amf/objectType/nbInfo

#### Params

Name	Location	Type	Required	Description
nbld	query	string	yes	none
neld	query	string	yes	none
AccessToken	header	string	yes	none
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9

#### Response Examples

##### 200 Response

```
{}
```

#### Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	Success	Inline

## Responses Data Schema

# UE Management/IMS Online User

## GET Get UE Info from IMS

GET /api/rest/ueManagement/v1/elementType/ims/objectType/ueInfo

### Params

Name	Location	Type	Required	Description
imsi	query	string	yes	none
neld	query	string	yes	none
AccessToken	header	string	yes	none
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9

#### Response Examples

#### 200 Response

```
{}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	Success	Inline

## Responses Data Schema

# UE Management/SMF Online User

## GET Get UE Info from SMF

GET /api/rest/ueManagement/v1/elementType/smf/objectType/ueInfo

### Params

Name	Location	Type	Required	Description
neld	query	string	yes	Only required sent to OMC
imsi	query	string	no	none
msisdn	query	string	no	none
upstate	query	string	no	none
AccessToken	header	string	yes	none
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9

#### Response Examples

#### 200 Response

```
{}
```

# Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	Success	Inline

## Responses Data Schema

# GET Get UE Number from SMF

GET /api/rest/ueManagement/v1/elementType/smf/objectType/ueNum

## Params

Name	Location	Type	Required	Description
neld	query	string	yes	none
AccessToken	header	string	yes	none
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9

### Response Examples

#### 200 Response

```
{}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	Success	Inline

## Responses Data Schema

# UE Management/General APIs

## GET Aquire NE info by neType neID

GET /ne/info

### Params

Name	Location	Type	Required	Description
neType	query	string	yes	none
neId	query	string	yes	none
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token

#### Response Examples

#### 200 Response

```
{}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	Success	Inline

## Responses Data Schema

# POST Send files to the network element.

POST /ne/action/pushFile

### Body Parameters

```
{
  "uploadPath": "string",
  "neType": "string",
  "neId": "string"
}
```

## Params

Name	Location	Type	Required	Description
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token
body	body	object	no	none
» uploadPath	body	string	yes	Upload a file through the general interface to obtain the address.
» neType	body	string	yes	NE type
» neld	body	string	yes	none



## Response Examples

OK

```
{
  "code": 1,
  "data": "/home/agtuser/5GC.pdf",
  "msg": "success"
}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

HTTP Status Code **200**

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» data	string	true	none	none
» msg	string	true	none	none

## MML

## POST Post UDM subscriber MML

POST /api/rest/operationManagement/v1/elementType/udm/objectType/mml

Body Parameters

```
{
  "mml": [
    "date",
```

```
"dsp authdat:imsi=460000100000030"  
  ]  
}
```

## Params

Name	Location	Type	Required	Description
ne_id	query	string	yes	none
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token
body	body	object	no	none
» mml	body	[string]	yes	none

### Response Examples

#### 200 Response

```
{}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	Success	Inline

## Responses Data Schema

## POST Post OMC MMLs

## Body Parameters

```
{
  "mml": [
    "date",
    "date"
  ]
}
```

## Params

Name	Location	Type	Required	Description
ne_id	query	string	yes	none
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token
body	body	object	no	none
» mml	body	[string]	yes	none

## Response Examples

## 200 Response

```
{}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	Success	Inline

# Responses Data Schema

## Security/Department Management

### GET Department List

GET /system/dept/list

#### Params

Name	Location	Type	Required	Description
status	query	string	no	Status (0 Inactive 1Active)
deptName	query	string	no	Department name
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token

#### Response Examples

##### OK

```
{
  "code": 1,
  "data": [
    {
      "deptId": "100",
      "parentId": "0",
      "ancestors": "0",
      "deptName": "System Maintenance Department",
      "orderNum": 0,
      "leader": "supervisor",
      "phone": "",
      "email": "",
      "status": "1",
      "delFlag": "0",
    }
  ]
}
```

```

    "createBy": "supervisor",
    "createTime": 1699348237468,
    "updateBy": "",
    "updateTime": 0
  },
  {
    "deptId": "101",
    "parentId": "100",
    "ancestors": "0,100",
    "deptName": "Operation and Maintenance Department One",
    "orderNum": 1,
    "leader": "supervisor",
    "phone": "",
    "email": "",
    "status": "1",
    "delFlag": "0",
    "createBy": "supervisor",
    "createTime": 1699348237468,
    "updateBy": "",
    "updateTime": 0
  }
],
"msg": "success"
}

```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

HTTP Status Code **200**

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» data	[object]	true	none	none
»» deptId	string	true	none	none
»» parentId	string	true	none	none
»» ancestors	string	true	none	none
»» deptName	string	true	none	none

Name	Type	Required	Restrictions	description
»» orderNum	integer	true	none	none
»» leader	string	true	none	none
»» phone	string	true	none	none
»» email	string	true	none	none
»» status	string	true	none	0 1
»» delFlag	string	true	none	0 1
»» createBy	string	true	none	none
»» createTime	integer	true	none	none
»» updateBy	string	true	none	none
»» updateTime	integer	true	none	none
» msg	string	true	none	none

## GET Department List (Excluding)

GET /system/dept/list/exclude/{deptId}

When performing update operations, optional superiors should exclude all nodes under the current department

### Params

Name	Location	Type	Required	Description
deptId	path	string	yes	Department ID
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token

```
{
  "code": 1,
  "data": [
    {
      "deptId": "100",
      "parentId": "0",
      "ancestors": "0",
      "deptName": "System Maintenance Department",
      "orderNum": 0,
      "leader": "supervisor",
      "phone": "",
      "email": "",
      "status": "1",
      "delFlag": "0",
      "createBy": "supervisor",
      "createTime": 1699348237468,
      "updateBy": "",
      "updateTime": 0
    },
    {
      "deptId": "101",
      "parentId": "100",
      "ancestors": "0,100",
      "deptName": "Operation and Maintenance Department One",
      "orderNum": 1,
      "leader": "supervisor",
      "phone": "",
      "email": "",
      "status": "1",
      "delFlag": "0",
      "createBy": "supervisor",
      "createTime": 1699348237468,
      "updateBy": "",
      "updateTime": 0
    }
  ],
  "msg": "success"
}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

# Responses Data Schema

HTTP Status Code **200**

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» data	[object]	true	none	none
»» deptId	string	true	none	none
»» parentId	string	true	none	none
»» ancestors	string	true	none	none
»» deptName	string	true	none	none
»» orderNum	integer	true	none	none
»» leader	string	true	none	none
»» phone	string	true	none	none
»» email	string	true	none	none
»» status	string	true	none	none
»» delFlag	string	true	none	none
»» createBy	string	true	none	none
»» createTime	integer	true	none	none
»» updateBy	string	true	none	none
»» updateTime	integer	true	none	none
» msg	string	true	none	none

## GET Department Tree List

GET /system/dept/treeSelect

### Params



Name	Location	Type	Required	Description
status	query	string	no	Status (0 Inactive 1 Active)
deptName	query	string	no	Department Name
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token

## Response Examples

### OK

```
{
  "code": 1,
  "data": [
    {
      "id": "100",
      "label": "System Maintenance Department",
      "children": [
        {
          "id": "101",
          "label": "Operation and Maintenance Department One",
          "children": []
        }
      ]
    }
  ],
  "msg": "success"
}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

## HTTP Status Code 200

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» data	[object]	true	none	none
»» id	string	false	none	none
»» label	string	false	none	none
»» children	[object]	false	none	none
»»» id	string	false	none	none
»»» label	string	false	none	none
»»» children	[string]	false	none	none
» msg	string	true	none	none

# GET Department Tree List (specified roles)

GET /system/dept/roleDeptTreeSelect/{roleId}

## Params

Name	Location	Type	Required	Description
roleId	path	string	yes	Role ID
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token

Response Examples

```

{
  "code": 1,
  "data": {
    "checkedKeys": [],
    "depts": [
      {
        "id": "100",
        "label": "System Maintenance Department",
        "children": [
          {
            "id": "101",
            "label": "Operation and Maintenance Department One",
            "children": []
          }
        ]
      }
    ]
  },
  "msg": "success"
}

```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

HTTP Status Code **200**

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» data	object	true	none	none
»» checkedKeys	[string]	true	none	none
»» depts	[object]	true	none	none
»»» id	string	false	none	none
»»» label	string	false	none	none

Name	Type	Required	Restrictions	description
»»» children	[object]	false	none	none
»»» id	string	false	none	none
»»» label	string	false	none	none
»»» children	[string]	false	none	none
» msg	string	true	none	none

## POST New Departmnt

POST /system/dept

### Params

Name	Location	Type	Required	Description
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token

#### Response Examples

##### OK

```
{
  "code": 1,
  "msg": "success"
}
```

```
{
  "code": 0,
  "msg": "There is no accessible department data!"
}
```

```
{
  "code": 0,
  "msg": "Manipulate department [Jcmgc Qinimfn Axrfrd Xbjdczfoe] failed, department name already exists!"
}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

### HTTP Status Code 200

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» msg	string	true	none	none

## PUT Department Modification

### PUT /system/dept

#### Body Parameters

```
{
  "orderNum": 0,
  "deptName": "string",
  "leader": "string",
  "phone": "string",
  "email": "string",
  "status": "string",
  "parentId": "string",
  "parentName": "string",
  "deptId": "string"
}
```

# Params

Name	Location	Type	Required	Description
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token
body	body	object	no	none
» orderNum	body	integer	yes	none
» deptName	body	string	yes	none
» leader	body	string	yes	none
» phone	body	string	yes	none
» email	body	string	yes	none
» status	body	string	yes	0 Inactive 1 Active
» parentId	body	string	yes	none
» parentName	body	string	no	none
» deptId	body	string	yes	none

## Response Examples

### OK

```
{
  "code": 1,
  "msg": "success"
}
```

```
{
  "code": 0,
  "msg": "There is no accessible department data!"
}
```

# Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

HTTP Status Code **200**

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» msg	string	true	none	none

## DELETE Department Deletion

DELETE /system/dept/{deptId}

## Params

Name	Location	Type	Required	Title	Description
deptId	path	string	yes		Department ID
Authorization	header	string	yes		Authoirzation token
Referer	header	string	yes		User Referer
User-Agent	header	string	yes		User Agent
Accept-Language	header	string	yes		en_US;q=0.9
AccessToken	header	string	no		Access token

Response Examples

OK

```
{
  "code": 1,
  "msg": "Deleted successfully: 1"
}
```

```
{
  "code": 0,
  "msg": "There is no accessible department data!"
}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

HTTP Status Code **200**

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» msg	string	true	none	none

## GET Department Info

GET /system/dept/{deptId}

## Params

Name	Location	Type	Required	Title	Description
deptId	path	string	yes		Department ID
Authorization	header	string	yes		Authoirzation token



Name	Location	Type	Required	Title	Description
Referer	header	string	yes		User Referer
User-Agent	header	string	yes		User Agent
Accept-Language	header	string	yes		en_US;q=0.9
AccessToken	header	string	no		Access token

## Response Examples

### OK

```
{
  "code": 1,
  "data": {
    "deptId": "107",
    "parentId": "0",
    "ancestors": "0",
    "deptName": "Jcmgc Qinimfn Axrfrd Xbjdczfoe",
    "orderNum": 516,
    "leader": "Kimberly Lewis",
    "phone": "19845657348",
    "email": "h.cwijngubul@pijufk.sr",
    "status": "0",
    "delFlag": "",
    "createBy": "",
    "createTime": 0,
    "updateBy": "",
    "updateTime": 0
  },
  "msg": "success"
}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

HTTP Status Code **200**

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» msg	string	true	none	none
» data	object null	true	none	none
»» deptId	string	true	none	none
»» parentId	string	true	none	none
»» ancestors	string	true	none	none
»» deptName	string	true	none	none
»» orderNum	integer	true	none	none
»» leader	string	true	none	none
»» phone	string	true	none	none
»» email	string	true	none	none
»» status	string	true	none	0 1
»» parentName	string	true	none	none

## Security/Menu Management

### GET Menu List

GET /system/menu/list

#### Params

Name	Location	Type	Required	Description
menuName	query	string	no	Menu Name
status	query	string	no	Menu status 0 Inactive 1 Active
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer

Name	Location	Type	Required	Description
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token

## Response Examples

### Success

```
{
  "code": 1,
  "data": [
    {
      "menuId": "111",
      "menuName": "System Log",
      "parentId": "1",
      "menuSort": 11,
      "path": "log",
      "component": "",
      "isFrame": "1",
      "isCache": "1",
      "menuType": "D",
      "visible": "0",
      "status": "0",
      "perms": "",
      "icon": "#",
      "createBy": "",
      "createTime": 1700000000000,
      "updateBy": "",
      "updateTime": 0,
      "remark": "System Log Catalog"
    },
    {
      "menuId": "2102",
      "menuName": "Performance Reports",
      "parentId": "2099",
      "menuSort": 3,
      "path": "perfReport",
      "component": "perfManage/perfReport/index",
      "isFrame": "1",
      "isCache": "0",
      "menuType": "M",
      "visible": "0",
      "status": "0",
      "perms": "perfManage:perfReport:index",
      "icon": "icon-gonggaodayi",
      "createBy": "",
      "createTime": 1700000000000,
      "updateBy": "",
      "updateTime": 0,
      "remark": "Performance Report Menu"
    }
  ]
}
```

```

    },
    {
      "menuId": "2105",
      "menuName": "Custom Metrics",
      "parentId": "2099",
      "menuSort": 6,
      "path": "customTarget",
      "component": "perfManage/customTarget/index",
      "isFrame": "1",
      "isCache": "1",
      "menuType": "M",
      "visible": "0",
      "status": "0",
      "perms": "perfManage:customTarget:index",
      "icon": "icon-fanhui1",
      "createBy": "",
      "createTime": 1700000000000,
      "updateBy": "",
      "updateTime": 0,
      "remark": "Custom Metrics Menu"
    },
    {
      "menuId": "2106",
      "menuName": "Performance General Settings",
      "parentId": "2099",
      "menuSort": 7,
      "path": "perfSet",
      "component": "perfManage/perfSet/index",
      "isFrame": "1",
      "isCache": "0",
      "menuType": "M",
      "visible": "0",
      "status": "0",
      "perms": "perfManage:perfSet:index",
      "icon": "icon-gonggao",
      "createBy": "",
      "createTime": 1700000000000,
      "updateBy": "",
      "updateTime": 0,
      "remark": "Performance General Settings Menu"
    }
  ],
  "msg": "success"
}

```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	Success	Inline

# Responses Data Schema

HTTP Status Code **200**

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» msg	string	true	none	none
» data	[object]	true	none	none
»» menuId	string	true	none	none
»» menuName	string	true	none	none
»» parentId	string	true	none	none
»» menuSort	integer	true	none	none
»» path	string	true	none	none
»» component	string	true	none	none
»» isFrame	string	true	none	none
»» isCache	string	true	none	none
»» menuType	string	true	none	none
»» visible	string	true	none	none
»» status	string	true	none	none
»» perms	string	true	none	none
»» icon	string	true	none	none
»» createTime	string	true	none	none
»» remark	string	true	none	none

## GET Menu Info

GET /system/menu/{menuId}

## Params

Name	Location	Type	Required	Description
menuId	path	string	yes	Menu ID
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token

## Response Examples

### Success

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

### HTTP Status Code 200

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» msg	string	true	none	none
» data	object null	true	none	none
»» menuId	string	true	none	none
»» menuName	string	true	none	none
»» parentId	string	true	none	none
»» menuSort	integer	true	none	none
»» path	string	true	none	none
»» component	string	true	none	none

Name	Type	Required	Restrictions	description
»» isFrame	string	true	none	none
»» isCache	string	true	none	none
»» menuType	string	true	none	none
»» visible	string	true	none	none
»» status	string	true	none	none
»» perms	string	true	none	none
»» icon	string	true	none	none
»» createTime	string	true	none	none
»» remark	string	true	none	none

## DELETE Menu Deletion

DELETE /system/menu/{menuId}

### Params

Name	Location	Type	Required	Description
menuId	path	string	yes	Menu ID
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token

#### Response Examples

##### Success

```
{
  "code": 1,
```

```
"msg": "success"
}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	Success	Inline

## Responses Data Schema

HTTP Status Code **200**

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» msg	string	true	none	none

## PUT Menu Modification

PUT /system/menu

### Body Parameters

```
{
  "menuId": "string",
  "parentId": "string",
  "menuName": "string",
  "menuType": "string",
  "menuSort": 0,
  "isFrame": "string",
  "isCache": "string",
  "visible": "string",
  "status": "string",
  "icon": "string",
  "path": "string",
  "component": "string",
  "perms": "string",
  "remark": "string"
}
```



# Params

Name	Location	Type	Required	Description
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token
body	body	object	no	none
» menuId	body	string	yes	none
» parentId	body	string	yes	none
» menuName	body	string	yes	none
» menuType	body	string	yes	D Directory M Menu B Button
» menuSort	body	integer	yes	Defatult 0
» isFrame	body	string	no	Required by menu and directory, 0 No 1 Yes
» isCache	body	string	no	Required by menu and directory, 0 No cache 1 Cached
» visible	body	string	no	Required by menu and directory, 0 Hidden 1 Show
» status	body	string	no	Required by menu and directory
» icon	body	string	no	Required by menu and directory, #No icon
» path	body	string	no	Required by menu and directory,
» component	body	string	no	Required by menu,
» perms	body	string	no	Required by menu and button,
» remark	body	string	no	none

## Success

```
{
  "code": 1,
  "msg": "success"
}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	Success	Inline

## Responses Data Schema

## POST New Menu

POST /system/menu

### Body Parameters

```
{
  "parentId": "string",
  "menuName": "string",
  "menuType": "string",
  "menuSort": 0,
  "isFrame": "string",
  "isCache": "string",
  "visible": "string",
  "status": "string",
  "icon": "string",
  "path": "string",
  "component": "string",
  "perms": "string",
  "remark": "string"
}
```

## Params

Name	Location	Type	Required	Description
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token
body	body	object	no	none
» parentId	body	string	yes	
» menuName	body	string	yes	none
» menuType	body	string	yes	
» menuSort	body	integer	yes	
» isFrame	body	string	no	
» isCache	body	string	no	
» visible	body	string	no	
» status	body	string	no	
» icon	body	string	no	
» path	body	string	no	
» component	body	string	no	
» perms	body	string	no	
» remark	body	string	no	none

## Response Examples

### Success

```
{
  "code": 1,
  "msg": "success"
}
```

# Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	Success	Inline

## Responses Data Schema

HTTP Status Code **200**

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» msg	string	true	none	none

## GET Menu Tree List (specifying roles)

GET /system/menu/roleMenuTreeSelect/{roleId}

### Params

Name	Location	Type	Required	Description
roleId	path	string	yes	Role ID
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token

Response Examples

Success

# Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	Success	Inline

## Responses Data Schema

HTTP Status Code **200**

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» msg	string	true	none	none
» data	object	true	none	none
»» menus	[object]	true	none	none
»»» id	string	true	none	none
»»» label	string	true	none	none
»»» children	[object]	true	none	none
»»»» id	string	false	none	none
»»»» label	string	false	none	none
»»»» children	[object]	false	none	none
»» checkedKeys	[object]	true	none	none

## GET Menu Tree List

GET /system/menu/treeSelect

Using the menu permission list in role addition and modification

# Params

Name	Location	Type	Required	Description
menuName	query	string	no	Menu name
status	query	string	no	Menu Status (0 Inactive 1 Active)
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token

## Response Examples

### Success

# Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	Success	Inline

# Responses Data Schema

HTTP Status Code **200**

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» msg	string	true	none	none

Name	Type	Required	Restrictions	description
» data	object	true	none	none
»» menus	[object]	true	none	none
»»» id	string	true	none	none
»»» label	string	true	none	none
»»» children	[object]	true	none	none
»»»» id	string	false	none	none
»»»» label	string	false	none	none
»»»» children	[object]	false	none	none
»» checkedKeys	[object]	true	none	none

## Security/Position Management

### GET Position List

GET /system/post/list

#### Params

Name	Location	Type	Required	Description
postCode	query	string	no	Position Code
postName	query	string	no	Position Name
status	query	string	no	Status (0 Inactive 1 Active)
pageNum	query	number	no	Page number, default 1
pageSize	query	number	no	Size of one page, default 10
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent

Name	Location	Type	Required	Description
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token

## Response Examples

### Success

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	<a href="#">OK</a>	Success	Inline

## Responses Data Schema

### HTTP Status Code 200

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» msg	string	true	none	none
» total	integer	true	none	none
» rows	[object]	true	none	none
»» postId	string	true	none	none
»» postCode	string	true	none	none
»» postName	string	true	none	none
»» postSort	integer	true	none	none
»» status	string	true	none	none
»» createBy	string	true	none	none



Name	Type	Required	Restrictions	description
»» createTime	string	true	none	none
»» remark	string	true	none	none

## POST Position List Export

POST /system/post/export

The file stream is returned normally, and the response header is as follows

```
content-disposition: attachment;filename=post_export_16_1684133344353.xlsx
content-length: 19438
content-type: application/vnd.openxmlformats-officedocument.spreadsheetml.sheet
```

### Body Parameters

```
{
  "configName": "string",
  "postCode": "string",
  "status": "string",
  "pageNum": 0,
  "pageSize": 0
}
```

## Params

Name	Location	Type	Required	Description
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token
body	body	object	no	none

Name	Location	Type	Required	Description
» configName	body	string	no	none
» postCode	body	string	no	none
» status	body	string	no	(0 Inactive 1 Active)
» pageNum	body	number	yes	none
» pageSize	body	number	yes	none

## Response Examples

### Success

```
{
  "code": 0,
  "msg": "Export data record is empty"
}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	Success	Inline

## Responses Data Schema

### HTTP Status Code 200

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» msg	string	true	none	none

## GET Position Info

GET /system/post/{postId}

# Params

Name	Location	Type	Required	Description
postId	path	string	yes	Position ID
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token

## Response Examples

### Success

# Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	Success	Inline

# Responses Data Schema

## HTTP Status Code 200

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» msg	string	true	none	none
» data	object !null	true	none	none
»» postId	string	true	none	none
»» postCode	string	true	none	none

Name	Type	Required	Restrictions	description
»» postName	string	true	none	none
»» postSort	integer	true	none	none
»» status	string	true	none	none
»» createBy	string	true	none	none
»» createTime	string	true	none	none
»» remark	string	true	none	none

## POST New Position

POST /system/post

### Body Parameters

```
{
  "postCode": "string",
  "postName": "string",
  "postSort": 0,
  "phone": "string",
  "remark": "string"
}
```

## Params

Name	Location	Type	Required	Description
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token
body	body	object	no	none
» postCode	body	string	yes	none

Name	Location	Type	Required	Description
» postName	body	string	yes	none
» postSort	body	integer	yes	none
» phone	body	string	yes	(0 Inactive 1 Active)
» remark	body	string	yes	none

## Response Examples

### Success

```
{
  "code": 1,
  "msg": "Success"
}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	Success	Inline

## Responses Data Schema

### HTTP Status Code 200

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» msg	string	true	none	none

## PUT Position Modification

PUT /system/post

### Body Parameters

```

{
  "postCode": "string",
  "postName": "string",
  "postSort": 0,
  "phone": "string",
  "remark": "string",
  "postId": "string"
}

```

## Params

Name	Location	Type	Required	Description
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token
body	body	object	no	none
» postCode	body	string	yes	none
» postName	body	string	yes	none
» postSort	body	integer	yes	none
» phone	body	string	yes	(0 Inactive 1 Active)
» remark	body	string	yes	none
» postId	body	string	yes	none

### Response Examples

#### Success

```

{
  "code": 1,
  "msg": "Success"
}

```

# Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	Success	Inline

## Responses Data Schema

HTTP Status Code **200**

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» msg	string	true	none	none

## DELETE Position Deletion

DELETE /system/post/{postIds}

## Params

Name	Location	Type	Required	Description
postIds	path	string	yes	Position ID, separated by commas
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token

Response Examples

Success

```
{
  "code": 1,
  "msg": "Success"
}
```

```
{
  "code": 500,
  "msg": "No permission to access position data!"
}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	Success	Inline

## Responses Data Schema

HTTP Status Code **200**

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» msg	string	true	none	none

## Security/User Profile

### GET User profile

GET /system/user/profile

### Params



Name	Location	Type	Required	Description
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token

## Response Examples

### OK

```
{
  "code": 1,
  "data": {
    "postGroup": [],
    "roleGroup": [
      "Managers"
    ],
    "user": {
      "userId": "2",
      "deptId": "",
      "userName": "admin",
      "nickName": "admin",
      "userType": "sys",
      "email": "",
      "phonenumber": "",
      "sex": "",
      "avatar": "",
      "status": "1",
      "delFlag": "0",
      "loginIp": "192.168.2.219",
      "loginDate": 1712053821001,
      "createBy": "admin",
      "createTime": 1697091656500,
      "updateBy": "",
      "updateTime": 0,
      "remark": "",
      "dept": {
        "deptId": "",
        "parentId": "",
        "ancestors": "",
        "deptName": "",
        "orderNum": 0,
        "leader": "",
        "phone": "",
        "email": "",
        "status": "",
        "delFlag": "",
        "createBy": "",

```

```

    "createTime": 0,
    "updateBy": "",
    "updateTime": 0
  },
  "roles": [
    {
      "roleId": "2",
      "roleName": "Managers",
      "roleKey": "administrator",
      "roleSort": 2,
      "dataScope": "1",
      "menuCheckStrictly": "",
      "deptCheckStrictly": "",
      "status": "1",
      "delFlag": "",
      "createBy": "",
      "createTime": 0,
      "updateBy": "",
      "updateTime": 0,
      "remark": ""
    }
  ]
},
"msg": "success"
}

```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

### HTTP Status Code 200

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» data	object	true	none	none
»» postGroup	[string]	true	none	none
»» roleGroup	[string]	true	none	none
»» user	object	true	none	none

<b>Name</b>	<b>Type</b>	<b>Required</b>	<b>Restrictions</b>	<b>description</b>
»»»» userId	string	true	none	none
»»»» deptId	string	true	none	none
»»»» userName	string	true	none	none
»»»» nickName	string	true	none	none
»»»» userType	string	true	none	none
»»»» email	string	true	none	none
»»»» phonenumber	string	true	none	none
»»»» sex	string	true	none	none
»»»» avatar	string	true	none	none
»»»» status	string	true	none	none
»»»» delFlag	string	true	none	none
»»»» loginIp	string	true	none	none
»»»» loginDate	integer	true	none	none
»»»» createBy	string	true	none	none
»»»» createTime	integer	true	none	none
»»»» updateBy	string	true	none	none
»»»» updateTime	integer	true	none	none
»»»» remark	string	true	none	none
»»»» dept	object	true	none	none
»»»»» deptId	string	true	none	none
»»»»» parentId	string	true	none	none
»»»»» ancestors	string	true	none	none
»»»»» deptName	string	true	none	none
»»»»» orderNum	integer	true	none	none
»»»»» leader	string	true	none	none
»»»»» phone	string	true	none	none

Name	Type	Required	Restrictions	description
»»»» email	string	true	none	none
»»»» status	string	true	none	none
»»»» delFlag	string	true	none	none
»»»» createBy	string	true	none	none
»»»» createTime	integer	true	none	none
»»»» updateBy	string	true	none	none
»»»» updateTime	integer	true	none	none
»»» roles	[object]	true	none	none
»»»» roleId	string	false	none	none
»»»» roleName	string	false	none	none
»»»» roleKey	string	false	none	none
»»»» roleSort	integer	false	none	none
»»»» dataScope	string	false	none	none
»»»» menuCheckStrictly	string	false	none	none
»»»» deptCheckStrictly	string	false	none	none
»»»» status	string	false	none	none
»»»» delFlag	string	false	none	none
»»»» createBy	string	false	none	none
»»»» createTime	integer	false	none	none
»»»» updateBy	string	false	none	none
»»»» updateTime	integer	false	none	none
»»»» remark	string	false	none	none
» msg	string	true	none	none

## PUT Modify user profile

## Body Parameters

```
{
  "nickName": "Jack",
  "sex": "1",
  "phonenummer": "12113313131",
  "email": "t.eknevezfl@htejfppo.so"
}
```

## Params

Name	Location	Type	Required	Description
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token
body	body	object	no	none
» nickName	body	string	yes	none
» email	body	string	no	none
» phonenummer	body	string	no	none
» sex	body	string	yes	none

## Response Examples

### OK

```
{
  "code": 1,
  "msg": "success"
}
```

```
{
  "code": 0,
```

```
"msg": "Failed to operate user [admin], cell phone number format is wrong."
}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

HTTP Status Code **200**

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» msg	string	true	none	none

## POST modify avatar

POST /system/user/profile/avatar

### Body Parameters

```
file: file:///D:\Downloads\lightning1.svg
```

## Params

Name	Location	Type	Required	Description
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent

Name	Location	Type	Required	Description
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token
body	body	object	no	none
» file	body	string(binary)	yes	Please choose a proportionally sized image as your avatar, such as 200x200, 400x400

## Response Examples

### OK

```
{
  "code": 1,
  "data": "/upload/avatar/2024/04/earth3d-1_yfz5yx.png",
  "msg": "success"
}
```

```
{
  "code": 0,
  "msg": "the upload file type is not supported, only the following types are supported: .jpg,.jpeg,.png"
}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

HTTP Status Code **200**

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» data	string	true	none	none
» msg	string	true	none	none

## PUT Modify password

PUT /system/user/profile/updatePwd

### Body Parameters

```
{
  "oldPassword": "admin@1234",
  "newPassword": "Admin@1234"
}
```

## Params

Name	Location	Type	Required	Description
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token
body	body	object	no	none
» oldPassword	body	string	yes	none
» newPassword	body	string	yes	none

### Response Examples

OK



```
{
  "code": 1,
  "msg": "success"
}
```

```
{
  "code": 0,
  "msg": "New password cannot be the same as the old one"
}
```

```
{
  "code": 0,
  "msg": "Change password failed, old password is wrong"
}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

### HTTP Status Code 200

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» msg	string	true	none	none

## Security/Role Management

### GET Role list

GET /system/role/list

# Params

Name	Location	Type	Required	Description
roleName	query	string	no	role name
roleKey	query	string	no	role key
status	query	string	no	status 0 Inactive 1 Active
beginTime	query	string	no	begin time
endTime	query	string	no	end time
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token

## Response Examples

OK

# Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

# Responses Data Schema

HTTP Status Code 200

Name	Type	Required	Restrictions	description
» code	integer	true	none	none

Name	Type	Required	Restrictions	description
» msg	string	true	none	none
» total	integer	true	none	none
» rows	[object]	true	none	none
»» roleId	string	true	none	none
»» roleName	string	true	none	none
»» roleKey	string	true	none	none
»» roleSort	integer	true	none	none
»» dataScope	string	true	none	none
»» menuCheckStrictly	string	true	none	none
»» deptCheckStrictly	string	true	none	none
»» status	string	true	none	none
»» delFlag	string	true	none	none
»» createTime	string	true	none	none
»» remark	string	true	none	none

## GET user list assigned role

GET /system/role/authUser/allocatedList

### Params

Name	Location	Type	Required	Description
userName	query	string	no	user name
phonenummer	query	string	no	user phone
status	query	string	no	user status
roleId	query	string	yes	role id

Name	Location	Type	Required	Description
allocated	query	string	yes	Has the user been assigned? true/false
pageNum	query	number	no	Page number, default 1
pageSize	query	number	no	Size of one page, default 10
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token

## Response Examples

### OK

```
{
  "code": 1,
  "msg": "success",
  "total": 1,
  "rows": [
    {
      "roles": [],
      "userId": "2",
      "deptId": "105",
      "userName": "user",
      "nickName": "general user",
      "email": "user@113.sd",
      "phonenummer": "13131313",
      "status": "1",
      "createTime": "1682264526309",
      "dept": {
        "deptId": "105",
        "deptName": "test"
      }
    }
  ]
}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

HTTP Status Code **200**

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» msg	string	true	none	none
» total	integer	true	none	none
» rows	[object]	true	none	none
»» status	string	false	none	0 1
»» createTime	string	false	none	none
»» roles	[string]	false	none	none
»» userId	string	false	none	none
»» deptId	string	false	none	none
»» userName	string	false	none	none
»» nickName	string	false	none	none
»» email	string	false	none	none
»» phonenumber	string	false	none	none
»» dept	object	false	none	none
»»» deptId	string	false	none	none
»»» deptName	string	false	none	none

## GET Role info

GET /system/role/{roleId}

# Params

Name	Location	Type	Required	Description
roleId	path	string	yes	roleId ID
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token

## Response Examples

### OK

```
{
  "code": 1,
  "data": {
    "roleId": "5",
    "roleName": "General Users",
    "roleKey": "vistor",
    "roleSort": 5,
    "dataScope": "1",
    "menuCheckStrictly": "1",
    "deptCheckStrictly": "1",
    "status": "1",
    "delFlag": "0",
    "createBy": "",
    "createTime": 1698486975779,
    "updateBy": "",
    "updateTime": 0,
    "remark": "Ordinary users can only see system-related information"
  },
  "msg": "success"
}
```

# Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

# Responses Data Schema

HTTP Status Code **200**

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» data	object	true	none	none
»» roleId	string	true	none	none
»» roleName	string	true	none	none
»» roleKey	string	true	none	none
»» roleSort	integer	true	none	none
»» dataScope	string	true	none	none
»» menuCheckStrictly	string	true	none	none
»» deptCheckStrictly	string	true	none	none
»» status	string	true	none	none
»» delFlag	string	true	none	none
»» createBy	string	true	none	none
»» createTime	integer	true	none	none
»» updateBy	string	true	none	none
»» updateTime	integer	true	none	none
»» remark	string	true	none	none
» msg	string	true	none	none

## PUT modify role

PUT /system/role

Body Parameters

```

{
  "roleName": "string",
  "roleKey": "string",
  "roleSort": 0,
  "status": "string",
  "remark": "string",
  "dataScope": "string",
  "menuCheckStrictly": "string",
  "menuIds": [
    "string"
  ],
  "roleId": "string"
}

```

## Params

Name	Location	Type	Required	Description
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token
body	body	object	no	none
» roleName	body	string	yes	Role name
» roleKey	body	string	yes	Role Key
» roleSort	body	integer	yes	Role sort
» status	body	string	yes	0 Inactive 1 Active
» remark	body	string	yes	Remark
» dataScope	body	string	yes	1: All data permissions 2: Custom data permissions 3: Data permissions for this department 4: Data permissions for this department and below 5:



Name	Location	Type	Required	Description
				Only personal data permissions)
» menuCheckStrictly	body	string	yes	0: Father and son are not related to each other display 1: Father and son are related to each other display
» menuIds	body	[string]	yes	Menu ID list
» roleId	body	string	yes	Role ID

## Response Examples

### OK

```
{
  "code": 1,
  "msg": "success"
}
```

```
{
  "code": 0,
  "msg": "There is no accessible role data!"
}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

HTTP Status Code **200**

Name	Type	Required	Restrictions	Title	description
» code	integer	true	none		none
» msg	string	true	none		none

## POST add role

POST /system/role

### Body Parameters

```
{
  "roleName": "Khcekcmb Ewotb Pcy Llsionms Ywolzf Qjin",
  "roleKey": "ggggk",
  "roleSort": 20,
  "status": "0",
  "remark": "Rwxr nxs eyxmnydhqq kuuvc tkstmuh lioguto uvfs dcnj egkle ehsvmywb
bdmwu nqsnxcwd ofrun wbnainsl.",
  "dataScope": "1",
  "menuCheckStrictly": "0",
  "menuIds": [
    "250"
  ]
}
```

## Params

Name	Location	Type	Required	Description
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token
body	body	object	no	none
» roleName	body	string	yes	Role name
» roleKey	body	string	yes	Role key

Name	Location	Type	Required	Description
» roleSort	body	integer	yes	Role sort
» status	body	string	yes	0 Inactive 1 Active
» remark	body	string	yes	none
» dataScope	body	string	yes	1: All data permissions 2: Custom data permissions 3: Data permissions for this department 4: Data permissions for this department and below 5: Only personal data permissions)
» menuCheckStrictly	body	string	yes	0: Father and son are not related to each other display 1: Father and son are related to each other display
» menuIds	body	[string]	yes	Menu ID list

## Response Examples

OK

```
{
  "code": 1,
  "msg": "success"
}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

# DELETE delete role

DELETE /system/role/{roleIds}

## Params

Name	Location	Type	Required	Description
roleIds	path	string	yes	Role ID, multiple can be separated by English commas
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token

### Response Examples

#### OK

```
{
  "code": 1,
  "msg": "success"
}
```

```
{
  "code": 0,
  "msg": "there is no accessible role data"
}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

# PUT modify role status

PUT /system/role/changeStatus

### Body Parameters

```
{
  "roleId": "string",
  "status": "string"
}
```

## Params

Name	Location	Type	Required	Description
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token
body	body	object	no	none
» roleId	body	string	yes	none
» status	body	string	no	0 Inactive 1 Active

### Response Examples

OK

```
{
  "code": 1,
  "msg": "success"
}
```

```
{
  "code": 0,
  "msg": "There is no accessible role data!"
}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

HTTP Status Code **200**

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» msg	string	true	none	none

## PUT modify role data scope

PUT /system/role/dataScope

### Body Parameters

```
{
  "dataScope": "string",
  "deptCheckStrictly": "string",
  "menuIds": [
    "string"
  ],
}
```

```
"roleId": "string"
}
```

## Params

Name	Location	Type	Required	Description
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token
body	body	object	no	none
» dataScope	body	string	yes	1: All data permissions 2: Custom data permissions 3: Data permissions for this department 4: Data permissions for this department and below 5: Only personal data permissions)
» deptCheckStrictly	body	string	yes	0: Father and son are not related to each other display 1: Father and son are related to each other display
» menuIds	body	[string]	no	Must be passed when selecting data range 2, department ID array
» roleId	body	string	yes	none

### Response Examples

OK

```
{
  "code": 1,
```

```
"msg": "success"
}
```

```
{
  "code": 0,
  "msg": "There is no accessible role data!"
}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

HTTP Status Code **200**

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» msg	string	true	none	none

## POST export role data list

POST /system/role/export

The file stream is returned normally, and the response header is as follows

```
content-disposition: attachment;filename=role_export_16_1684133344353.xlsx
content-length: 19438
content-type: application/vnd.openxmlformats-officedocument.spreadsheetml.sheet
```

Body Parameters



```
{
  "roleName": "string",
  "roleKey": "string",
  "status": "string",
  "beginTime": "string",
  "endTime": "string"
}
```

## Params

Name	Location	Type	Required	Description
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token
body	body	object	no	none
» roleName	body	string	no	none
» roleKey	body	string	no	none
» status	body	string	no	0 Inactive 1 Active
» beginTime	body	string	no	none
» endTime	body	string	no	none

### Response Examples

#### OK

```
{
  "code": 500,
  "msg": "Export data record is empty"
}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

HTTP Status Code **200**

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» msg	string	true	none	none

## PUT Role assignment selection authorization

PUT /system/role/authUser/checked

### Body Parameters

```
{
  "roleId": "string",
  "userIds": "string",
  "checked": true
}
```

## Params

Name	Location	Type	Required	Description
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9

Name	Location	Type	Required	Description
AccessToken	header	string	no	Access token
body	body	object	no	none
» roleId	body	string	yes	none
» userIds	body	string	yes	Multiple can be separated by English commas
» checked	body	boolean	yes	true/false(Add/Cancel)

## Response Examples

### OK

```
{
  "code": 1,
  "msg": "success"
}
```

```
{
  "code": 0,
  "msg": "There is no accessible role data!"
}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

### HTTP Status Code 200

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» msg	string	true	none	none

# Security/User information

## GET user info

GET /system/user/list

### Params

Name	Location	Type	Required	Description
userName	query	string	no	name
phonenummer	query	string	no	phone number
status	query	string	no	status
beginTime	query	string	no	begin time
endTime	query	string	no	end time
deptId	query	string	no	department ID
pageNum	query	number	no	Page number, default 1
pageSize	query	number	no	Size of one page, default 10
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token

### Response Examples

#### OK

```
{
  "code": 1,
  "msg": "success",
  "rows": [
    {
```

```
"userId": "1",
"deptId": "",
"userName": "supervisor",
"nickName": "supervisor",
"userType": "sys",
"email": "",
"phoneNumber": "",
"sex": "",
"avatar": "",
"status": "1",
"delFlag": "0",
"loginIp": "192.168.2.219",
"loginDate": 1712118084711,
"createBy": "admin",
"createTime": 1697091656500,
"updateBy": "",
"updateTime": 0,
"remark": "",
"dept": {
  "deptId": "",
  "parentId": "",
  "ancestors": "",
  "deptName": "",
  "orderNum": 0,
  "leader": "",
  "phone": "",
  "email": "",
  "status": "",
  "delFlag": "",
  "createBy": "",
  "createTime": 0,
  "updateBy": "",
  "updateTime": 0
},
"roles": [
  {
    "roleId": "1",
    "roleName": "Super Administrator",
    "roleKey": "supervisor",
    "roleSort": 1,
    "dataScope": "1",
    "menuCheckStrictly": "",
    "deptCheckStrictly": "",
    "status": "1",
    "delFlag": "",
    "createBy": "",
    "createTime": 0,
    "updateBy": "",
    "updateTime": 0,
    "remark": ""
  }
]
},
{
  "userId": "2",
  "deptId": "",
  "userName": "admin",
```

```
"nickName": "Admin",
"userType": "sys",
"email": "",
"phoneNumber": "",
"sex": "",
"avatar": "/upload/avatar/2024/04/lightning1_guoolm.png",
"status": "1",
"delFlag": "0",
"loginIp": "192.168.2.219",
"loginDate": 1712124820223,
"createBy": "admin",
"createTime": 1697091656500,
"updateBy": "",
"updateTime": 0,
"remark": "",
"dept": {
  "deptId": "",
  "parentId": "",
  "ancestors": "",
  "deptName": "",
  "orderNum": 0,
  "leader": "",
  "phone": "",
  "email": "",
  "status": "",
  "delFlag": "",
  "createBy": "",
  "createTime": 0,
  "updateBy": "",
  "updateTime": 0
},
"roles": [
  {
    "roleId": "2",
    "roleName": "Managers",
    "roleKey": "administrator",
    "roleSort": 2,
    "dataScope": "1",
    "menuCheckStrictly": "",
    "deptCheckStrictly": "",
    "status": "1",
    "delFlag": "",
    "createBy": "",
    "createTime": 0,
    "updateBy": "",
    "updateTime": 0,
    "remark": ""
  }
]
},
{
  "userId": "103",
  "deptId": "",
  "userName": "manager",
  "nickName": "manager",
  "userType": "sys",
  "email": "",
```

```
"phonenumber": "",
"sex": "",
"avatar": "",
"status": "1",
"delFlag": "0",
"loginIp": "192.168.2.219",
"loginDate": 1701425631740,
"createBy": "admin",
"createTime": 1698661521780,
"updateBy": "",
"updateTime": 0,
"remark": "",
"dept": {
  "deptId": "",
  "parentId": "",
  "ancestors": "",
  "deptName": "",
  "orderNum": 0,
  "leader": "",
  "phone": "",
  "email": "",
  "status": "",
  "delFlag": "",
  "createBy": "",
  "createTime": 0,
  "updateBy": "",
  "updateTime": 0
},
"roles": [
  {
    "roleId": "3",
    "roleName": "Operators",
    "roleKey": "operator",
    "roleSort": 3,
    "dataScope": "1",
    "menuCheckStrictly": "",
    "deptCheckStrictly": "",
    "status": "1",
    "delFlag": "",
    "createBy": "",
    "createTime": 0,
    "updateBy": "",
    "updateTime": 0,
    "remark": ""
  }
]
},
{
  "userId": "104",
  "deptId": "",
  "userName": "monitor",
  "nickName": "monitor",
  "userType": "sys",
  "email": "",
  "phonenumber": "",
  "sex": "",
  "avatar": "",
```

```
"status": "1",
"delFlag": "0",
"loginIp": "192.168.2.219",
"loginDate": 1699345510602,
"createBy": "admin",
"createTime": 1698661684898,
"updateBy": "",
"updateTime": 0,
"remark": "",
"dept": {
  "deptId": "",
  "parentId": "",
  "ancestors": "",
  "deptName": "",
  "orderNum": 0,
  "leader": "",
  "phone": "",
  "email": "",
  "status": "",
  "delFlag": "",
  "createBy": "",
  "createTime": 0,
  "updateBy": "",
  "updateTime": 0
},
"roles": [
  {
    "roleId": "4",
    "roleName": "Monitor",
    "roleKey": "monitor",
    "roleSort": 4,
    "dataScope": "1",
    "menuCheckStrictly": "",
    "deptCheckStrictly": "",
    "status": "1",
    "delFlag": "",
    "createBy": "",
    "createTime": 0,
    "updateBy": "",
    "updateTime": 0,
    "remark": ""
  }
]
},
{
  "userId": "106",
  "deptId": "100",
  "userName": "admin1",
  "nickName": "admin1",
  "userType": "sys",
  "email": "",
  "phonenum": "",
  "sex": "1",
  "avatar": "",
  "status": "0",
  "delFlag": "0",
  "loginIp": "",
```



```

    "loginDate": 0,
    "createBy": "admin",
    "createTime": 1701424142061,
    "updateBy": "",
    "updateTime": 0,
    "remark": "",
    "dept": {
      "deptId": "100",
      "parentId": "0",
      "ancestors": "0",
      "deptName": "System Maintenance Department",
      "orderNum": 0,
      "leader": "supervisor",
      "phone": "",
      "email": "",
      "status": "1",
      "delFlag": "",
      "createBy": "",
      "createTime": 0,
      "updateBy": "",
      "updateTime": 0
    },
    "roles": []
  }
],
"total": 5
}

```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

### HTTP Status Code 200

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» msg	string	true	none	none
» rows	[object]	true	none	none
»» userId	string	true	none	none

<b>Name</b>	<b>Type</b>	<b>Required</b>	<b>Restrictions</b>	<b>description</b>
»» deptId	string	true	none	none
»» userName	string	true	none	none
»» nickName	string	true	none	none
»» userType	string	true	none	none
»» email	string	true	none	none
»» phonenumber	string	true	none	none
»» sex	string	true	none	1male 2female
»» avatar	string	true	none	none
»» status	string	true	none	none
»» delFlag	string	true	none	none
»» loginIp	string	true	none	none
»» loginDate	integer	true	none	none
»» createBy	string	true	none	none
»» createTime	integer	true	none	none
»» updateBy	string	true	none	none
»» updateTime	integer	true	none	none
»» remark	string	true	none	none
»» dept	object	true	none	none
»»» deptId	string	true	none	none
»»» parentId	string	true	none	none
»»» ancestors	string	true	none	none
»»» deptName	string	true	none	none
»»» orderNum	integer	true	none	none
»»» leader	string	true	none	none
»»» phone	string	true	none	none
»»» email	string	true	none	none

Name	Type	Required	Restrictions	description
»»» status	string	true	none	none
»»» delFlag	string	true	none	none
»»» createBy	string	true	none	none
»»» createTime	integer	true	none	none
»»» updateBy	string	true	none	none
»»» updateTime	integer	true	none	none
»» roles	[object]	true	none	none
»»» roleId	string	true	none	none
»»» roleName	string	true	none	none
»»» roleKey	string	true	none	none
»»» roleSort	integer	true	none	none
»»» dataScope	string	true	none	none
»»» menuCheckStrictly	string	true	none	none
»»» deptCheckStrictly	string	true	none	none
»»» status	string	true	none	none
»»» delFlag	string	true	none	none
»»» createBy	string	true	none	none
»»» createTime	integer	true	none	none
»»» updateBy	string	true	none	none
»»» updateTime	integer	true	none	none
»»» remark	string	true	none	none
» total	integer	true	none	none

## GET user info by id

GET /system/user/{userId}

# Params

Name	Location	Type	Required	Description
userId	path	string	yes	User ID
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token

## Response Examples

### OK

```
{
  "code": 1,
  "data": {
    "postIds": [],
    "posts": [
      {
        "postId": "1",
        "postCode": "administator",
        "postName": "Systems",
        "postSort": 1,
        "status": "1",
        "createBy": "supervisor",
        "createTime": 1697110106499,
        "updateBy": "",
        "updateTime": 0,
        "remark": ""
      },
      {
        "postId": "2",
        "postCode": "operator",
        "postName": "Management",
        "postSort": 2,
        "status": "1",
        "createBy": "supervisor",
        "createTime": 1697110106499,
        "updateBy": "",
        "updateTime": 0,
        "remark": ""
      },
      {
        "postId": "3",
        "postCode": "monitor",
```

```
"postName": "Operation & Maintenance",
"postSort": 3,
"status": "1",
"createBy": "supervisor",
"createTime": 1697110106499,
"updateBy": "",
"updateTime": 0,
"remark": ""
},
{
  "postId": "4",
  "postCode": "visitor",
  "postName": "Monitoring",
  "postSort": 4,
  "status": "1",
  "createBy": "supervisor",
  "createTime": 1697110106499,
  "updateBy": "",
  "updateTime": 0,
  "remark": ""
},
{
  "postId": "5",
  "postCode": "111",
  "postName": "test1",
  "postSort": 7,
  "status": "0",
  "createBy": "admin",
  "createTime": 1701766022383,
  "updateBy": "",
  "updateTime": 0,
  "remark": "remark"
}
],
"roleIds": [
  "2"
],
"roles": [
  {
    "roleId": "2",
    "roleName": "Managers",
    "roleKey": "administrator",
    "roleSort": 2,
    "dataScope": "1",
    "menuCheckStrictly": "1",
    "deptCheckStrictly": "1",
    "status": "1",
    "delFlag": "0",
    "createBy": "",
    "createTime": 1698486915894,
    "updateBy": "",
    "updateTime": 0,
    "remark": "Administrators can perform any operation on the device"
  },
  {
    "roleId": "3",
    "roleName": "Operators",
```

```
"roleKey": "operator",
"roleSort": 3,
"dataScope": "1",
"menuCheckStrictly": "1",
"deptCheckStrictly": "1",
"status": "1",
"delFlag": "0",
"createBy": "",
"createTime": 1698486934900,
"updateBy": "",
"updateTime": 0,
"remark": "Operation and maintenance personnel can read data from the
device and configure the device, but cannot perform software upgrade operations on
the device."
},
{
"roleId": "4",
"roleName": "Monitor",
"roleKey": "monitor",
"roleSort": 4,
"dataScope": "1",
"menuCheckStrictly": "1",
"deptCheckStrictly": "1",
"status": "1",
"delFlag": "0",
"createBy": "",
"createTime": 1698486950714,
"updateBy": "",
"updateTime": 0,
"remark": "Monitoring personnel Can only read data from the device, but
cannot make any settings on the device"
},
{
"roleId": "5",
"roleName": "General Users",
"roleKey": "vistor",
"roleSort": 5,
"dataScope": "1",
"menuCheckStrictly": "1",
"deptCheckStrictly": "1",
"status": "1",
"delFlag": "0",
"createBy": "",
"createTime": 1698486975779,
"updateBy": "",
"updateTime": 0,
"remark": "Ordinary users can only see system-related information"
}
],
"user": {
"userId": "2",
"deptId": "",
"userName": "admin",
"nickName": "Admin",
"userType": "sys",
"email": "",
"phonenummer": "",
```

```
"sex": "",
"avatar": "/upload/avatar/2024/04/lightning1_guoolm.png",
"status": "1",
"delFlag": "0",
"loginIp": "192.168.2.219",
"loginDate": 1712124820223,
"createBy": "admin",
"createTime": 1697091656500,
"updateBy": "",
"updateTime": 0,
"remark": "",
"dept": {
  "deptId": "",
  "parentId": "",
  "ancestors": "",
  "deptName": "",
  "orderNum": 0,
  "leader": "",
  "phone": "",
  "email": "",
  "status": "",
  "delFlag": "",
  "createBy": "",
  "createTime": 0,
  "updateBy": "",
  "updateTime": 0
},
"roles": [
  {
    "roleId": "2",
    "roleName": "Managers",
    "roleKey": "administrator",
    "roleSort": 2,
    "dataScope": "1",
    "menuCheckStrictly": "",
    "deptCheckStrictly": "",
    "status": "1",
    "delFlag": "",
    "createBy": "",
    "createTime": 0,
    "updateBy": "",
    "updateTime": 0,
    "remark": ""
  }
]
},
"msg": "success"
}
```

```
{
  "code": 0,
  "msg": "No accessible user data!"
}
```

# Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

HTTP Status Code **200**

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» msg	string	true	none	none
» data	object!null	true	none	none
»» user	object	true	none	none
»»» roles	[object]	true	none	none
»»»» roleId	string	false	none	none
»»»» roleName	string	false	none	none
»»»» roleKey	string	false	none	none
»»»» roleSort	integer	false	none	none
»»»» dataScope	string	false	none	none
»»»» status	string	false	none	none
»»» userId	string	true	none	none
»»» deptId	string!null	true	none	none
»»» userName	string	true	none	none
»»» nickName	string	true	none	none
»»» email	string	true	none	none
»»» avatar	string	true	none	none
»»» phonenumber	string	true	none	none



<b>Name</b>	<b>Type</b>	<b>Required</b>	<b>Restrictions</b>	<b>description</b>
»»» sex	string	true	none	none
»»» status	string	true	none	none
»»» delFlag	string	true	none	none
»»» loginIp	string	true	none	none
»»» loginDate	string	true	none	none
»»» createBy	string	true	none	none
»»» createTime	string	true	none	none
»»» remark	string null	true	none	none
»»» dept	object	true	none	none
»»»» deptId	string	true	none	none
»»»» parentId	string	true	none	none
»»»» ancestors	string	true	none	none
»»»» deptName	string	true	none	none
»»»» orderNum	integer	true	none	none
»»»» leader	string	true	none	none
»»»» status	string	true	none	none
»»»» phone	string	false	none	none
»»»» email	string	false	none	none
»» roleIds	[string]	true	none	none
»» postIds	[string]	true	none	none
»» roles	[object]	true	none	none
»»» roleId	string	true	none	none
»»» roleName	string	true	none	none
»»» roleKey	string	true	none	none
»»» roleSort	integer	true	none	none
»»» dataScope	string	true	none	none

Name	Type	Required	Restrictions	description
»»» menuCheckStrictly	string	true	none	none
»»» deptCheckStrictly	string	true	none	none
»»» status	string	true	none	none
»»» delFlag	string	true	none	none
»»» createTime	string	true	none	none
»»» remark	string	true	none	none
»» posts	[object]	true	none	none
»»» postId	string	true	none	none
»»» postCode	string	true	none	none
»»» postName	string	true	none	none
»»» postSort	integer	true	none	none
»»» status	string	true	none	none
»»» createBy	string	true	none	none
»»» createTime	string	true	none	none
»»» remark	string	true	none	none

## POST add user

POST /system/user

### Body Parameters

```
{
  "remark": "",
  "deptId": 102,
  "nickName": "",
  "email": "h.vrcjiz@qcfgqedxw.bz",
  "phonenummer": "18641692257",
  "sex": "0",
  "status": "1",
  "roleIds": [
    2
  ],
  "postIds": [
```

```

    1,
    2,
    3,
    4
  ],
  "userName": "gijobqeb",
  "password": "123456"
}

```

## Params

Name	Location	Type	Required	Description
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token
body	body	object	no	none
» userName	body	string	yes	user name
» password	body	string	yes	user paasword
» nickName	body	string	yes	nick name
» email	body	string	yes	email address
» phonenumber	body	string	yes	phone number
» sex	body	string	yes	0not selected 1male 2female
» status	body	string	yes	0 Inactive 1 Active
» remark	body	string	yes	remark
» deptId	body	string	yes	department ID
» roleIds	body	[string]	yes	role id list
» postIds	body	[string]	yes	none
» userType	body	string	no	system user
» avatar	body	string	no	user avatar

## Response Examples

### OK

```
{
  "code": 1,
  "msg": "success"
}
```

```
{
  "code": 0,
  "msg": "Failed to operate user [maskUKolpoeu], login account already exists."
}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

## PUT modify user

PUT /system/user

### Body Parameters

```
{
  "remark": "",
  "deptId": 80,
  "nickName": "",
  "email": "x.swtaf@oypeubb.tg",
  "phonenumber": "18106129309",
  "sex": "1",
  "status": "1",
  "roleIds": [
    2
  ],
  "postIds": [
```

```

    2
  ],
  "userId": "101",
  "userName": "x34bvpi"
}

```

## Params

Name	Location	Type	Required	Description
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token
body	body	object	no	none
» userId	body	string	yes	none
» userName	body	string	yes	none
» nickName	body	string	yes	none
» email	body	string	yes	none
» phonenumber	body	string	yes	none
» sex	body	string	yes	0not selected 1male 2female
» status	body	string	yes	0 Inactive 1 Active
» remark	body	string	yes	none
» deptId	body	string	yes	none
» roleIds	body	[string]	yes	none
» postIds	body	[string]	yes	none
» userType	body	string	no	system user
» avatar	body	string	no	none

OK

```
{
  "code": 1,
  "msg": "success"
}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

HTTP Status Code **200**

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» msg	string	true	none	none

## POST export user list

POST /system/user/export

The file stream is returned normally, and the response header is as follows

```
content-disposition: attachment;filename=user_export_11_1684230271701.xlsx
content-length: 21499
content-type: application/vnd.openxmlformats-officedocument.spreadsheetml.sheet
```

### Body Parameters

```
{
  "userName": "string",
  "phonenummer": "string",
}
```

```

"status": "string",
"beginTime": "string",
"endTime": "string",
"deptId": "string",
"pageNum": 0,
"pageSize": 0
}

```

## Params

Name	Location	Type	Required	Description
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token
body	body	object	no	none
» userName	body	string	no	none
» phonenumber	body	string	no	none
» status	body	string	no	0 Inactive 1 Active
» beginTime	body	string	no	none
» endTime	body	string	no	none
» deptId	body	string	no	none
» pageNum	body	number	yes	none
» pageSize	body	number	yes	none

### Response Examples

#### OK

```

{
  "code": 500,
  "msg": "Export data record is empty"
}

```

# Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

HTTP Status Code **200**

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» msg	string	true	none	none

## POST import user data list

POST /system/user/importData

### Body Parameters

```
file: file:///D:\Downloads\user_1712127865098.xlsx  
updateSupport: "{% mock 'pick' , ['false','true'] %}"
```

## Params

Name	Location	Type	Required	Description
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9



Name	Location	Type	Required	Description
AccessToken	header	string	no	Access token
body	body	object	no	none
» file	body	string(binary)	no	Support xls/xlsx excel file
» updateSupport	body	string	no	Update existing data, default to false

## Response Examples

### OK

```
{
  "code": 1,
  "msg": "Congratulations, the data has been imported successfully! There are 1 entries with the following data:<br/>User ID: user001 Import Successful"
}
```

```
{
  "code": 1,
  "msg": "Sorry, the import failed! A total of 2 entries were not formatted correctly, the error is below:<br/>User ID: 107 cell phone number 18105438570 Existing<br/>User ID: 108 cell phone number 18178533158 Existing"
}
```

```
{
  "code": 0,
  "msg": "the upload file type is not supported, only the following types are supported: .xls,.xlsx"
}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

## HTTP Status Code 200

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» msg	string	true	none	none

# DELETE delete user

DELETE /system/user/{userIds}

## Params

Name	Location	Type	Required	Description
userIds	path	string	yes	User ID, multiple separated by commas in English
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token

### Response Examples

#### OK

```
{
  "code": 1,
  "msg": "Deleted successfully: 1"
}
```

```
{
  "code": 0,
```

```
"msg": "there is no accessible user data"
}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

HTTP Status Code **200**

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» msg	string	true	none	none

## PUT reset user password

PUT /system/user/resetPwd

### Body Parameters

```
{
  "password": "string",
  "userId": "string"
}
```

## Params

Name	Location	Type	Required	Description
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer

Name	Location	Type	Required	Description
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token
body	body	object	no	none
» password	body	string	yes	none
» userId	body	string	yes	none

## Response Examples

### OK

```
{
  "code": 1,
  "msg": "success"
}
```

```
{
  "code": 0,
  "msg": "No accessible user data!"
}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

### HTTP Status Code 200

Name	Type	Required	Restrictions	description
» code	integer	true	none	none

Name	Type	Required	Restrictions	description
» msg	string	true	none	none

# PUT modify user status

PUT /system/user/changeStatus

## Body Parameters

```
{
  "status": "string",
  "userId": "string"
}
```

## Params

Name	Location	Type	Required	Description
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token
body	body	object	no	none
» status	body	string	yes	0 Inactive 1 Active
» userId	body	string	yes	none

## Response Examples

### OK

```
{
  "code": 1,
```

```
"msg": "success"
}
```

```
{
  "code": 0,
  "msg": "The change status is equal to the old value!"
}
```

```
{
  "code": 0,
  "msg": "No accessible user data!"
}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

HTTP Status Code **200**

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» msg	string	true	none	none

## Security/Online user information

### GET aquire online user

GET /monitor/online/list

## Params

Name	Location	Type	Required	Description
userName	query	string	no	user name (login user)
ipaddr	query	string	no	logiin host ip address
Authorization	header	string	yes	none
Referer	header	string	yes	Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token

## Response Examples

### OK

```
{
  "code": 1,
  "msg": "success",
  "rows": [
    {
      "tokenId": "yowsej8nqdnb3t8r",
      "deptName": "",
      "userName": "admin",
      "ipaddr": "192.168.2.219",
      "loginLocation": "Intranet",
      "browser": "Edge 123.0.0.0",
      "os": "Windows 10",
      "loginTime": 1712457573298
    },
    {
      "tokenId": "o517m9ms5x7m3ohc",
      "deptName": "",
      "userName": "admin",
      "ipaddr": "192.168.2.219",
      "loginLocation": "Intranet",
      "browser": "Chrome 86.0.4240.198",
      "os": "Windows 10",
      "loginTime": 1712457614560
    }
  ],
  "total": 2
}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

HTTP Status Code **200**

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» msg	string	true	none	none
» rows	[object]	true	none	none
»» tokenId	string	true	none	none
»» userName	string	true	none	none
»» ipaddr	string	true	none	none
»» loginLocation	string	true	none	none
»» browser	string	true	none	none
»» os	string	true	none	none
»» loginTime	integer	true	none	none
»» deptName	string	true	none	none
» total	integer	true	none	none

## DELETE force users to log out

DELETE /monitor/online/{tokenId}

### Params

Name	Location	Type	Required	Description
tokenId	path	string	yes	access token ID



Name	Location	Type	Required	Description
Authorization	header	string	yes	Authorization
Referer	header	string	no	Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token

## Response Examples

### OK

```
{
  "code": 1,
  "msg": "success"
}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

### HTTP Status Code 200

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» msg	string	true	none	none

## System/Dictionary type information

## GET Dictionary type list

## Params

Name	Location	Type	Required	Description
dictName	query	string	no	Name
dictType	query	string	no	Type
status	query	string	no	Status (0 Inactive 1 Active)
beginTime	query	string	no	Begin time
endTime	query	string	no	End time
pageNum	query	number	no	Page number, default 1
pageSize	query	number	no	Size of one page, default 10
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token

### Response Examples

#### OK

```
{
  "code": 1,
  "msg": "success",
  "rows": [
    {
      "dictId": "1",
      "dictName": "User Gender",
      "dictType": "sys_user_sex",
      "status": "1",
      "createBy": "supervisor",
      "createTime": 1699350000000,
      "updateBy": "",
      "updateTime": 0,
      "remark": "User gender list"
    },
    {
```

```
"dictId": "2",
"dictName": "Menu Status",
"dictType": "sys_show_hide",
"status": "1",
"createBy": "supervisor",
"createTime": 1699350000000,
"updateBy": "",
"updateTime": 0,
"remark": "Menu Status List"
},
{
"dictId": "3",
"dictName": "System switches",
"dictType": "sys_normal_disable",
"status": "1",
"createBy": "supervisor",
"createTime": 1699350000000,
"updateBy": "",
"updateTime": 0,
"remark": "System switch list"
},
{
"dictId": "4",
"dictName": "Task Status",
"dictType": "sys_job_status",
"status": "1",
"createBy": "supervisor",
"createTime": 1699350000000,
"updateBy": "",
"updateTime": 0,
"remark": "Task Status List"
},
{
"dictId": "5",
"dictName": "Task Grouping",
"dictType": "sys_job_group",
"status": "1",
"createBy": "supervisor",
"createTime": 1699350000000,
"updateBy": "",
"updateTime": 0,
"remark": "Task Grouping List"
},
{
"dictId": "6",
"dictName": "System or not",
"dictType": "sys_yes_no",
"status": "1",
"createBy": "supervisor",
"createTime": 1699350000000,
"updateBy": "",
"updateTime": 0,
"remark": "System whether list"
},
{
"dictId": "9",
"dictName": "Operation Type",
```

```
"dictType": "sys_oper_type",
"status": "1",
"createBy": "supervisor",
"createTime": 1699350000000,
"updateBy": "",
"updateTime": 0,
"remark": "Operation type list"
},
{
  "dictId": "10",
  "dictName": "System Status",
  "dictType": "sys_common_status",
  "status": "1",
  "createBy": "supervisor",
  "createTime": 1699350000000,
  "updateBy": "",
  "updateTime": 0,
  "remark": "Login Status List"
},
{
  "dictId": "100",
  "dictName": "Trace Types",
  "dictType": "trace_type",
  "status": "1",
  "createBy": "supervisor",
  "createTime": 1699350000000,
  "updateBy": "",
  "updateTime": 0,
  "remark": "Trace Types"
},
{
  "dictId": "101",
  "dictName": "Operation Log Type",
  "dictType": "operation_log_type",
  "status": "1",
  "createBy": "supervisor",
  "createTime": 1699350000000,
  "updateBy": "",
  "updateTime": 0,
  "remark": "Operation log type"
}
],
"total": 31
}
```

```
{
  "code": 1,
  "msg": "success",
  "rows": [
    {
      "dictId": "1",
      "dictName": "User Gender",
      "dictType": "sys_user_sex",
      "status": "1",
      "createBy": "supervisor",
```

```
    "createTime": 1699350000000,
    "updateBy": "",
    "updateTime": 0,
    "remark": "User gender list"
  }
],
"total": 1
}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

### HTTP Status Code 200

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» msg	string	true	none	none
» rows	[object]	true	none	none
»» dictId	string	true	none	none
»» dictName	string	true	none	none
»» dictType	string	true	none	none
»» status	string	true	none	none
»» createBy	string	true	none	none
»» createTime	integer	true	none	none
»» updateBy	string	true	none	none
»» updateTime	integer	true	none	none
»» remark	string	true	none	none
» total	integer	true	none	none

# GET Dictionary type details

GET /system/dict/type/{dictId}

## Params

Name	Location	Type	Required	Description
dictId	path	string	yes	dictionary ID
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token

## Response Examples

### OK

```
{
  "code": 1,
  "data": {
    "dictId": "1",
    "dictName": "User Gender",
    "dictType": "sys_user_sex",
    "status": "1",
    "createBy": "supervisor",
    "createTime": 1699350000000,
    "updateBy": "",
    "updateTime": 0,
    "remark": "User gender list"
  },
  "msg": "success"
}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

HTTP Status Code **200**

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» data	object	true	none	none
»» dictId	string	true	none	none
»» dictName	string	true	none	none
»» dictType	string	true	none	none
»» status	string	true	none	none
»» createBy	string	true	none	none
»» createTime	integer	true	none	none
»» updateBy	string	true	none	none
»» updateTime	integer	true	none	none
»» remark	string	true	none	none
» msg	string	true	none	none

## POST Export dictionary type list

POST /system/dict/type/export

The file stream is returned normally, and the response header is as follows

```
content-disposition: attachment;filename=dict_type_export_12_1684240671183.xlsx
content-length: 18246
content-type: application/vnd.openxmlformats-officedocument.spreadsheetml.sheet
```

## Body Parameters

```
{
  "dictName": "string",
  "dictType": "string",
  "status": "string",
  "beginTime": "string",
  "endTime": "string",
  "pageNum": 0,
  "pageSize": 0
}
```

## Params

Name	Location	Type	Required	Description
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token
body	body	object	no	none
» dictName	body	string	no	none
» dictType	body	string	no	none
» status	body	string	no	0 Active 1 Inactive
» beginTime	body	string	no	none
» endTime	body	string	no	none
» pageNum	body	number	yes	none
» pageSize	body	number	yes	none

## Response Examples

### Success



```
{
  "code": 500,
  "msg": "Export data record is empty"
}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	Success	Inline

## Responses Data Schema

HTTP Status Code **200**

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» msg	string	true	none	none

## POST Add dictionary type

POST /system/dict/type

### Body Parameters

```
{
  "dictName": "string",
  "dictType": "string",
  "status": "string",
  "remark": "string"
}
```

## Params

Name	Location	Type	Required	Description
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token
body	body	object	no	none
» dictName	body	string	yes	none
» dictType	body	string	yes	none
» status	body	string	yes	0 Inactive 1 Active
» remark	body	string	yes	none

## Response Examples

### Success

```
{
  "code": 1,
  "msg": "success"
}
```

```
{
  "code": 500,
  "msg": "Failed to add dictionary entry for [xxx], the dictionary name already
exists."
}
```

```
{\r\n  "code": 500,\r\n  "msg": "Failed to add the dictionary entry for
\"xxx\", as the dictionary type already exists.\"\r\n}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	Success	Inline

## Responses Data Schema

HTTP Status Code **200**

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» msg	string	true	none	none

## PUT Modify dictionary type

PUT /system/dict/type

### Body Parameters

```
{
  "dictName": "string",
  "dictType": "string",
  "remark": "string",
  "status": "string",
  "dictId": "string"
}
```

## Params

Name	Location	Type	Required	Description
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token

Name	Location	Type	Required	Description
body	body	object	no	none
» dictName	body	string	yes	none
» dictType	body	string	yes	none
» remark	body	string	yes	none
» status	body	string	yes	0 Inactive 1 Active
» dictId	body	string	no	none

## Response Examples

### Success

```
{
  "code": 1,
  "msg": "Success"
}
```

br

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	Success	Inline

## Responses Data Schema

HTTP Status Code **200**

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» msg	string	true	none	none

## DELETE Delete dictionary type

DELETE /system/dict/type/{dictIds}

## Params

Name	Location	Type	Required	Description
dictIds	path	string	yes	Dictionary ID, separated by commas.
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token

### Response Examples

#### Success

```
{
  "code": 1,
  "msg": "success"
}
```

```
{
  "code": 500,
  "msg": "Access to dictionary type data is not authorized!"
}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	Success	Inline

# Responses Data Schema

HTTP Status Code **200**

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» msg	string	true	none	none

## GET Dropdown list of dictionary types

GET /system/dict/type/getDictOptionselect

Dropdown selection in dictionary data

### Params

Name	Location	Type	Required	Description
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token

### Response Examples

OK

```
{
  "code": 1,
  "data": [
    {
      "label": "User Gender",
      "value": "sys_user_sex"
    },
    {
      "label": "Menu Status",
      "value": "sys_show_hide"
    }
  ]
}
```

```
},
{
  "label": "System switches",
  "value": "sys_normal_disable"
},
{
  "label": "Task Status",
  "value": "sys_job_status"
},
{
  "label": "Task Grouping",
  "value": "sys_job_group"
},
{
  "label": "System or not",
  "value": "sys_yes_no"
},
{
  "label": "Operation Type",
  "value": "sys_oper_type"
},
{
  "label": "System Status",
  "value": "sys_common_status"
},
{
  "label": "Trace Types",
  "value": "trace_type"
},
{
  "label": "Operation Log Type",
  "value": "operation_log_type"
},
{
  "label": "Alarm Log Type",
  "value": "alarm_status"
},
{
  "label": "Security Log Type",
  "value": "security_log_type"
},
{
  "label": "Network element software version status",
  "value": "ne_version_status"
},
{
  "label": "Multi-language - English",
  "value": "i18n_en"
},
{
  "label": "Multi-language - Chinese",
  "value": "i18n_zh"
},
{
  "label": "System Role Data Range",
  "value": "sys_role_datascope"
},
},
```

```
{
  "label": "Event Alarm Types",
  "value": "active_alarm_type"
},
{
  "label": "Alarm Clearing Types",
  "value": "active_clear_type"
},
{
  "label": "Alarm Acknowledgement Types",
  "value": "active_ack_state"
},
{
  "label": "Severity",
  "value": "active_alarm_severity"
},
{
  "label": "Home Status",
  "value": "index_status"
},
{
  "label": "CDR SIP Response Code Category Type",
  "value": "cdr_sip_code"
},
{
  "label": "CDR Call Type",
  "value": "cdr_call_type"
},
{
  "label": "UE Event Authentication Code Type",
  "value": "ue_auth_code"
},
{
  "label": "UE Event Type",
  "value": "ue_event_type"
},
{
  "label": "UE Event CM Status",
  "value": "ue_event_cm_state"
},
{
  "label": "Network element host connection type",
  "value": "ne_host_type"
},
{
  "label": "Network element host grouping",
  "value": "ne_host_groupId"
},
{
  "label": "Network element host authentication mode",
  "value": "ne_host_authMode"
},
{
  "label": "Network element host command grouping",
  "value": "ne_host_cmd_groupId"
},
{
```



```
    "label": "NE Info State",
    "value": "ne_info_status"
  }
],
"msg": "success"
}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

HTTP Status Code **200**

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» data	[object]	true	none	none
»» label	string	true	none	none
»» value	string	true	none	none
» msg	string	true	none	none

## PUT Refresh dictionary type cache

PUT /system/dict/type/refreshCache

## Params

Name	Location	Type	Required	Description
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer

Name	Location	Type	Required	Description
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token

## Response Examples

OK

```
{
  "code": 1,
  "msg": "success"
}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

HTTP Status Code **200**

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» msg	string	true	none	none

## System/Dictionary data information

## POST Export dictionary data list

POST /system/dict/data/export

The file stream is returned normally, and the response header is as follows

```
content-disposition: attachment;filename=dict_data_export_10_1684245668586.xlsx
content-length: 18236
content-type: application/vnd.openxmlformats-officedocument.spreadsheetml.sheet
```

## Body Parameters

```
{
  "dictLabel": "string",
  "dictType": "string",
  "status": "string",
  "beginTime": "string",
  "endTime": "string",
  "pageNum": 0,
  "pageSize": 0
}
```

## Params

Name	Location	Type	Required	Description
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token
body	body	object	no	none
» dictLabel	body	string	no	none
» dictType	body	string	no	none
» status	body	string	no	0 Inactive1 Active
» beginTime	body	string	no	none
» endTime	body	string	no	none
» pageNum	body	number	yes	none

Name	Location	Type	Required	Description
» pageSize	body	number	yes	none

## Response Examples

### OK

```
{
  "code": 500,
  "msg": "Export data record is empty"
}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

### HTTP Status Code 200

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» msg	string	true	none	none

## GET dictionary data list

GET /system/dict/data/list

## Params

Name	Location	Type	Required	Description
dictType	query	string	no	type

Name	Location	Type	Required	Description
dictLabel	query	string	no	label
status	query	string	no	status (0 Inactive 1 Active)
pageNum	query	number	no	Page number, default 1
pageSize	query	number	no	Size of one page, default 10
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token

## Response Examples

OK

```
{
  "code": 1,
  "msg": "success",
  "rows": [
    {
      "dictCode": "67",
      "dictSort": 0,
      "dictLabel": "Not cleared",
      "dictValue": "0",
      "dictType": "active_clear_type",
      "tagClass": "",
      "tagType": "processing",
      "status": "1",
      "createBy": "supervisor",
      "createTime": 1699350000000,
      "updateBy": "",
      "updateTime": 0,
      "remark": ""
    },
    {
      "dictCode": "70",
      "dictSort": 0,
      "dictLabel": "Not Confirm",
      "dictValue": "0",
      "dictType": "active_ack_state",
      "tagClass": "",
      "tagType": "processing",
      "status": "1",
      "createBy": "supervisor",

```

```
"createTime": 1699350000000,
"updateBy": "",
"updateTime": 0,
"remark": ""
},
{
  "dictCode": "108",
  "dictSort": 0,
  "dictLabel": "Other",
  "dictValue": "0",
  "dictType": "cdr_sip_code",
  "tagClass": "",
  "tagType": "",
  "status": "1",
  "createBy": "supervisor",
  "createTime": 1706610000000,
  "updateBy": "",
  "updateTime": 0,
  "remark": ""
},
{
  "dictCode": "109",
  "dictSort": 0,
  "dictLabel": "SSH",
  "dictValue": "ssh",
  "dictType": "ne_host_type",
  "tagClass": "",
  "tagType": "",
  "status": "1",
  "createBy": "supervisor",
  "createTime": 1706620000000,
  "updateBy": "",
  "updateTime": 0,
  "remark": ""
},
{
  "dictCode": "111",
  "dictSort": 0,
  "dictLabel": "Other",
  "dictValue": "0",
  "dictType": "ne_host_groupId",
  "tagClass": "",
  "tagType": "",
  "status": "1",
  "createBy": "supervisor",
  "createTime": 1706620000000,
  "updateBy": "",
  "updateTime": 0,
  "remark": ""
},
{
  "dictCode": "114",
  "dictSort": 0,
  "dictLabel": "Password Authentication",
  "dictValue": "0",
  "dictType": "ne_host_authMode",
  "tagClass": "",
```

```
"tagType": "",
"status": "1",
"createBy": "supervisor",
"createTime": 1706620000000,
"updateBy": "",
"updateTime": 0,
"remark": ""
},
{
  "dictCode": "116",
  "dictSort": 0,
  "dictLabel": "Default",
  "dictValue": "0",
  "dictType": "ne_host_cmd_groupId",
  "tagClass": "",
  "tagType": "",
  "status": "1",
  "createBy": "supervisor",
  "createTime": 1706620000000,
  "updateBy": "",
  "updateTime": 0,
  "remark": ""
},
{
  "dictCode": "118",
  "dictSort": 0,
  "dictLabel": "Online",
  "dictValue": "0",
  "dictType": "ne_info_status",
  "tagClass": "",
  "tagType": "processing",
  "status": "1",
  "createBy": "supervisor",
  "createTime": 1706620000000,
  "updateBy": "",
  "updateTime": 0,
  "remark": ""
},
{
  "dictCode": "1",
  "dictSort": 1,
  "dictLabel": "Not selected",
  "dictValue": "0",
  "dictType": "sys_user_sex",
  "tagClass": "",
  "tagType": "",
  "status": "1",
  "createBy": "supervisor",
  "createTime": 1699350000000,
  "updateBy": "",
  "updateTime": 0,
  "remark": ""
},
{
  "dictCode": "4",
  "dictSort": 1,
  "dictLabel": "Show",
```

```

    "dictValue": "1",
    "dictType": "sys_show_hide",
    "tagClass": "",
    "tagType": "success",
    "status": "1",
    "createBy": "supervisor",
    "createTime": 1699350000000,
    "updateBy": "",
    "updateTime": 0,
    "remark": ""
  }
],
"total": 1359
}

```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

### HTTP Status Code 200

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» msg	string	true	none	none
» total	integer	true	none	none
» rows	[object]	true	none	none
»» dictCode	string	true	none	none
»» dictSort	integer	true	none	none
»» dictLabel	string	true	none	none
»» dictValue	string	true	none	none
»» dictType	string	true	none	none
»» tagClass	string	true	none	none
»» tagType	string	true	none	none



Name	Type	Required	Restrictions	description
»» status	string	true	none	none
»» createBy	string	true	none	none
»» createTime	string	true	none	none
»» remark	string	true	none	none

## GET dictionary data info detail

GET /system/dict/data/{dictCode}

### Params

Name	Location	Type	Required	Description
dictCode	path	string	yes	dictionary code
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token

### Response Examples

OK

```
{
  "code": 1,
  "data": {
    "dictCode": "38",
    "dictSort": 11,
    "dictLabel": "Update",
    "dictValue": "UPDATE",
    "dictType": "operation_log_type",
    "tagClass": "",
    "tagType": "magenta",
    "status": "1",
    "createBy": "supervisor",
```

```
"createTime": 1699350000000,
"updateBy": "",
"updateTime": 0,
"remark": ""
},
"msg": "success"
}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

### HTTP Status Code 200

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» msg	string	true	none	none
» data	object	true	none	none
»» dictCode	string	true	none	none
»» dictSort	integer	true	none	none
»» dictLabel	string	true	none	none
»» dictValue	string	true	none	none
»» dictType	string	true	none	none
»» tagClass	string	true	none	none
»» tagType	string	true	none	none
»» status	string	true	none	none
»» createBy	string	true	none	none
»» createTime	string	true	none	none
»» remark	string	true	none	none

# GET dictionary data list (specify dictionary type)

GET /system/dict/data/type/{dictType}

## Params

Name	Location	Type	Required	Description
dictType	path	string	yes	Dictionary type, obtained from the dictionary type list
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token

## Response Examples

OK

```
{
  "code": 1,
  "data": [
    {
      "dictCode": "1",
      "dictSort": 1,
      "dictLabel": "Not selected",
      "dictValue": "0",
      "dictType": "sys_user_sex",
      "tagClass": "",
      "tagType": "",
      "status": "1",
      "createBy": "supervisor",
      "createTime": 1699350000000,
      "updateBy": "",
      "updateTime": 0,
      "remark": ""
    },
    {
```

```

    "dictCode": "2",
    "dictSort": 2,
    "dictLabel": "Male",
    "dictValue": "1",
    "dictType": "sys_user_sex",
    "tagClass": "",
    "tagType": "",
    "status": "1",
    "createBy": "supervisor",
    "createTime": 1699350000000,
    "updateBy": "",
    "updateTime": 0,
    "remark": ""
  },
  {
    "dictCode": "3",
    "dictSort": 3,
    "dictLabel": "Female",
    "dictValue": "2",
    "dictType": "sys_user_sex",
    "tagClass": "",
    "tagType": "",
    "status": "1",
    "createBy": "supervisor",
    "createTime": 1699350000000,
    "updateBy": "",
    "updateTime": 0,
    "remark": ""
  }
],
"msg": "success"
}

```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

### HTTP Status Code 200

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» msg	string	true	none	none

Name	Type	Required	Restrictions	description
» data	[object]	true	none	none
»» dictCode	string	false	none	none
»» dictSort	integer	false	none	none
»» dictLabel	string	false	none	none
»» dictValue	string	false	none	none
»» dictType	string	false	none	none
»» tagClass	string	false	none	none
»» tagType	string	false	none	none
»» status	string	false	none	none
»» createBy	string	false	none	none
»» createTime	string	false	none	none
»» remark	string	false	none	none

## POST add dictionary data

POST /system/dict/data

### Body Parameters

```
{
  "dictType": "string",
  "dictLabel": "string",
  "dictValue": "string",
  "dictSort": 0,
  "tagClass": "string",
  "tagType": "string",
  "status": "string",
  "remark": "string"
}
```

## Params

Name	Location	Type	Required	Description
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token
body	body	object	no	none
» dictType	body	string	yes	dictionary type
» dictLabel	body	string	yes	dictionary label
» dictValue	body	string	yes	dictionary value
» dictSort	body	integer	yes	dictionary sort
» tagClass	body	string	yes	The preset class style
» tagType	body	string	yes	default data fixed items
» status	body	string	yes	0 Inactive 1 Active
» remark	body	string	yes	none

## Response Examples

### OK

```
{
  "code": 1,
  "msg": "success"
}
```

```
{
  "code": 0,
  "msg": "dictType.errLabelExists"
}
```

```
{
  "code": 500,
```

```
"msg": " [x] , "  
}
```

```
{  
  "code": 0,  
  "msg": "There is no accessible dictionary type data!"  
}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

HTTP Status Code **200**

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» msg	string	true	none	none

## PUT modify dictionary data

PUT /system/dict/data

### Body Parameters

```
{  
  "dictCode": "string",  
  "dictType": "string",  
  "dictLabel": "string",  
  "dictValue": "string",  
  "dictSort": 0,  
  "tagClass": "string",  
  "tagType": "string",  
  "status": "string",  
}
```

```
"remark": "string"
}
```

## Params

Name	Location	Type	Required	Description
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token
body	body	object	no	none
» dictCode	body	string	yes	dictionary code
» dictType	body	string	yes	get from dictionary type list
» dictLabel	body	string	yes	none
» dictValue	body	string	yes	none
» dictSort	body	integer	yes	none
» tagClass	body	string	yes	the preset class style
» tagType	body	string	yes	default data fixed items
» status	body	string	yes	0 Inactive 1 Active
» remark	body	string	yes	none

### Response Examples

#### OK

```
{
  "code": 1,
  "msg": "success"
}
```



```
{
  "code": 0,
  "msg": "There is no accessible dictionary type data!"
}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

HTTP Status Code **200**

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» msg	string	true	none	none

## DELETE delete dictionary data

DELETE /system/dict/data/{dictCodes}

## Params

Name	Location	Type	Required	Description
dictCodes	path	string	yes	Dictionary code ID, multiple separated by English commas
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent

Name	Location	Type	Required	Description
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token

## Response Examples

### OK

```
{
  "code": 1,
  "msg": "Deleted successfully: 1"
}
```

```
{
  "code": 0,
  "msg": "there is no accessible dictionary-encoded data"
}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

### HTTP Status Code 200

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» msg	string	true	none	none

## System/Parameter configuration

# Information

## GET acquire parameter configuration list

GET /system/config/list

### Params

Name	Location	Type	Required	Description
configName	query	string	no	configuration name
configKey	query	string	no	configuration key
configType	query	string	no	Is it built-in in the system- Yes/No:Y/N
beginTime	query	string	no	begin time
endTime	query	string	no	end time
pageNum	query	number	no	Page number, default 1
pageSize	query	number	no	Size of one page, default 10
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token

#### Response Examples

OK

# Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

HTTP Status Code **200**

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» msg	string	true	none	none
» total	integer	true	none	none
» rows	[object]	true	none	none
»» configId	integer	true	none	none
»» configName	string	true	none	none
»» configKey	string	true	none	none
»» configValue	string	true	none	none
»» configType	string	true	none	none
»» createBy	string	true	none	none
»» createTime	string	true	none	none
»» updateBy	string	true	none	none
»» updateTime	string	true	none	none
»» remark	string	true	none	none

## POST export parameter cofniguration list

POST /system/config/export

The file stream is returned normally, and the response header is as follows

```
content-disposition: attachment;filename=config_export_10_1684131509100.xlsx
content-length: 18337
content-type: application/vnd.openxmlformats-officedocument.spreadsheetml.sheet
```

## Body Parameters

```
{
  "configName": "string",
  "configKey": "string",
  "beginTime": "string",
  "endTime": "string",
  "pageNum": 0,
  "pageSize": 0
}
```

## Params

Name	Location	Type	Required	Description
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token
body	body	object	no	none
» configName	body	string	no	none
» configKey	body	string	no	none
» beginTime	body	string	no	none
» endTime	body	string	no	none
» pageNum	body	number	yes	none
» pageSize	body	number	yes	none

## Response Examples

OK

```
{
  "code": 0,
  "msg": "Export data record is empty"
}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

HTTP Status Code 200

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» msg	string	true	none	none

# GET aquire value from parameter config key

GET /system/config/configKey/{configKey}

## Params

Name	Location	Type	Required	Description
configKey	path	string	yes	cofnig key
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer

Name	Location	Type	Required	Description
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token

## Response Examples

### OK

```
{
  "code": 1,
  "msg": "success",
  "data": "true"
}
```

```
{
  "code": 0,
  "msg": "error"
}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

### HTTP Status Code 200

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» msg	string	true	none	none
» data	string	true	none	none

# GET aquire parameter configuration info

GET /system/config/{configId}

## Params

Name	Location	Type	Required	Description
configId	path	string	yes	config ID
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token

### Response Examples

#### OK

```
{
  "code": 1,
  "data": {
    "configId": "1",
    "configName": "User Management-Account Initial Password",
    "configKey": "sys.user.initPassword",
    "configValue": "Abcd@1234..",
    "configType": "Y",
    "createBy": "supervisor",
    "createTime": 1700000000000,
    "updateBy": "",
    "updateTime": 0,
    "remark": "Import user initialization password 123456"
  },
  "msg": "success"
}
```

```
{
  "code": 0,
  "msg": "error"
}
```



# Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

HTTP Status Code **200**

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» msg	string	true	none	none
» data	object!null	true	none	none
»» configId	integer	true	none	none
»» configName	string	true	none	none
»» configKey	string	true	none	none
»» configValue	string	true	none	none
»» configType	string	true	none	Y N
»» createBy	string	true	none	none
»» createTime	string	true	none	none
»» updateBy	string	true	none	none
»» updateTime	string	true	none	none
»» remark	string	true	none	none

## POST add parameter configuration

POST /system/config

Body Parameters

```
{
  "configName": "string",
  "configKey": "string",
  "configValue": "string",
  "configType": "string",
  "remark": "string"
}
```

## Params

Name	Location	Type	Required	Description
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token
body	body	object	no	none
» configName	body	string	yes	config name
» configKey	body	string	yes	config key
» configValue	body	string	yes	config value
» configType	body	string	yes	Y/N: yes/no
» remark	body	string	yes	none

### Response Examples

#### OK

```
{
  "code": 1,
  "msg": "success"
}
```

```
{
  "code": 0,
```

```
"msg": "Failed to manipulate parameter configuration [sys.user.initPassword],
parameter key name already exists!"
}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

HTTP Status Code **200**

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» msg	string	true	none	none

## PUT modify parameter configuration

PUT /system/config

### Body Parameters

```
{
  "configName": "string",
  "configKey": "string",
  "configValue": "string",
  "configType": "string",
  "remark": "string",
  "configId": 0
}
```

## Params

Name	Location	Type	Required	Description
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token
body	body	object	no	none
» configName	body	string	yes	none
» configKey	body	string	yes	none
» configValue	body	string	yes	none
» configType	body	string	yes	Y/N: yes/no
» remark	body	string	yes	none
» configId	body	integer	yes	none

## Response Examples

### OK

```
{
  "code": 1,
  "msg": "success"
}
```

```
{
  "code": 0,
  "msg": "No permission to access parameter configuration data! "
}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

# Responses Data Schema

HTTP Status Code **200**

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» msg	string	true	none	none

## PUT modify parameter value by config key

PUT /system/config/changeValue

### Body Parameters

```
{
  "key": "sys.logo.filePathIcon",
  "value": ""
}
```

## Params

Name	Location	Type	Required	Description
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token
body	body	object	no	none
» key	body	string	yes	none
» value	body	string	yes	none

## Response Examples

### OK

```
{
  "code": 1,
  "msg": "success"
}
```

```
{
  "code": 0,
  "msg": "Failed to manipulate parameter configuration [sys.user.initPassword],
parameter key name already exists!"
}
```

```
{
  "code": 0,
  "msg": "! "
}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

### HTTP Status Code 200

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» msg	string	true	none	none

## DELETE delete parameter configuration

DELETE /system/config/{configIds}

## Params

Name	Location	Type	Required	Description
configIds	path	string	yes	Configuration ID, multiple separated by commas in English
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token

### Response Examples

#### OK

```
{
  "code": 1,
  "msg": "success"
}
```

```
{
  "code": 0,
  "msg": "The built-in parameter [xxx] cannot be deleted"
}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

# Responses Data Schema

HTTP Status Code **200**

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» msg	string	true	none	none

## PUT refresh parameter configuration cache

PUT /system/config/refreshCache

### Params

Name	Location	Type	Required	Description
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token

#### Response Examples

OK

```
{
  "code": 1,
  "msg": "success"
}
```

## Responses



HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

HTTP Status Code **200**

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» msg	string	true	none	none

## System/Cache information

### GET cache monitor information

GET /monitor/cache

### Params

Name	Location	Type	Required	Description
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token

#### Response Examples

OK

```
{  
  "code": 1,  
}
```

```
"data": {
  "commandStats": [
    {
      "name": "exists",
      "value": "5559"
    },
    {
      "name": "set",
      "value": "637154"
    },
    {
      "name": "select",
      "value": "474"
    },
    {
      "name": "mget",
      "value": "3"
    },
    {
      "name": "hello",
      "value": "572"
    },
    {
      "name": "dbsize",
      "value": "2"
    },
    {
      "name": "expire",
      "value": "1"
    },
    {
      "name": "evalsha",
      "value": "2"
    },
    {
      "name": "ping",
      "value": "190"
    },
    {
      "name": "info",
      "value": "3"
    },
    {
      "name": "del",
      "value": "3341"
    },
    {
      "name": "eval",
      "value": "1"
    },
    {
      "name": "ttl",
      "value": "383"
    },
    {
      "name": "incr",
      "value": "2"
    }
  ]
}
```

```
    },
    {
      "name": "scan",
      "value": "386"
    },
    {
      "name": "get",
      "value": "672017"
    }
  ],
  "dbSize": 66,
  "info": {
    "clients": {
      "blocked_clients": "0",
      "client_recent_max_input_buffer": "20480",
      "client_recent_max_output_buffer": "0",
      "clients_in_timeout_table": "0",
      "cluster_connections": "0",
      "connected_clients": "4",
      "maxclients": "10000",
      "total_blocking_keys": "0",
      "total_blocking_keys_on_nokey": "0",
      "tracking_clients": "0"
    },
    "cluster": {
      "cluster_enabled": "0"
    },
    "cpu": {
      "used_cpu_sys": "568.391106",
      "used_cpu_sys_children": "1.305536",
      "used_cpu_sys_main_thread": "568.376221",
      "used_cpu_user": "671.263046",
      "used_cpu_user_children": "6.089575",
      "used_cpu_user_main_thread": "671.221030"
    },
    "errorstats": {
      "errorstat_NOSCRIPT": "count=1"
    },
    "keyspace": {
      "db10": "keys=66,expires=2,avg_ttl=1739604",
      "db11": "keys=50,expires=0,avg_ttl=0"
    },
    "memory": {
      "active_defrag_running": "0",
      "allocator_active": "2736128",
      "allocator_allocated": "2434312",
      "allocator_frag_bytes": "301816",
      "allocator_frag_ratio": "1.12",
      "allocator_resident": "8257536",
      "allocator_rss_bytes": "5521408",
      "allocator_rss_ratio": "3.02",
      "lazyfree_pending_objects": "0",
      "lazyfreed_objects": "0",
      "maxmemory": "0",
      "maxmemory_human": "0B",
      "maxmemory_policy": "noeviction",
      "mem_allocator": "jemalloc-5.3.0",
```

```
"mem_aof_buffer": "0",
"mem_clients_normal": "7712",
"mem_clients_slaves": "0",
"mem_cluster_links": "0",
"mem_fragmentation_bytes": "14006312",
"mem_fragmentation_ratio": "7.74",
"mem_not_counted_for_evict": "0",
"mem_replication_backlog": "0",
"mem_total_replication_buffers": "0",
"number_of_cached_scripts": "1",
"number_of_functions": "0",
"number_of_libraries": "0",
"rss_overhead_bytes": "7827456",
"rss_overhead_ratio": "1.95",
"total_system_memory": "16607678464",
"total_system_memory_human": "15.47G",
"used_memory": "2100976",
"used_memory_dataset": "1220328",
"used_memory_dataset_perc": "98.81%",
"used_memory_functions": "184",
"used_memory_human": "2.00M",
"used_memory_lua": "34816",
"used_memory_lua_human": "34.00K",
"used_memory_overhead": "880648",
"used_memory_peak": "2549640",
"used_memory_peak_human": "2.43M",
"used_memory_peak_perc": "82.40%",
"used_memory_rss": "16084992",
"used_memory_rss_human": "15.34M",
"used_memory_scripts": "688",
"used_memory_scripts_eval": "504",
"used_memory_scripts_human": "688B",
"used_memory_startup": "865928",
"used_memory_vm_eval": "34816",
"used_memory_vm_functions": "32768",
"used_memory_vm_total": "67584",
"used_memory_vm_total_human": "66.00K"
},
"modules": {},
"persistence": {
  "aof_current_rewrite_time_sec": "-1",
  "aof_enabled": "0",
  "aof_last_bgrewrite_status": "ok",
  "aof_last_cow_size": "0",
  "aof_last_rewrite_time_sec": "-1",
  "aof_last_write_status": "ok",
  "aof_rewrite_in_progress": "0",
  "aof_rewrite_scheduled": "0",
  "aof_rewrites": "0",
  "aof_rewrites_consecutive_failures": "0",
  "async_loading": "0",
  "current_cow_peak": "0",
  "current_cow_size": "0",
  "current_cow_size_age": "0",
  "current_fork_perc": "0.00",
  "current_save_keys_processed": "0",
  "current_save_keys_total": "0",
```

```
"loading": "0",
"module_fork_in_progress": "0",
"module_fork_last_cow_size": "0",
"rdb_bgsave_in_progress": "0",
"rdb_changes_since_last_save": "215",
"rdb_current_bgsave_time_sec": "-1",
"rdb_last_bgsave_status": "ok",
"rdb_last_bgsave_time_sec": "0",
"rdb_last_cow_size": "962560",
"rdb_last_load_keys_expired": "1",
"rdb_last_load_keys_loaded": "114",
"rdb_last_save_time": "1712568097",
"rdb_saves": "2172"
},
"replication": {
  "connected_slaves": "0",
  "master_failover_state": "no-failover",
  "master_repl_offset": "57",
  "master_replid": "a8df674e95bb3a24d37a800f3e54fec532cbdc94",
  "master_replid2": "0000000000000000000000000000000000000000000000000000000000000000",
  "repl_backlog_active": "0",
  "repl_backlog_first_byte_offset": "0",
  "repl_backlog_histlen": "0",
  "repl_backlog_size": "1048576",
  "role": "master",
  "second_repl_offset": "-1"
},
"server": {
  "arch_bits": "64",
  "atomicvar_api": "c11-builtin",
  "config_file": "",
  "configured_hz": "10",
  "executable": "/data/redis-server",
  "gcc_version": "12.2.0",
  "hz": "10",
  "io_threads_active": "0",
  "listener0": "*,port=6379",
  "lru_clock": "1292262",
  "monotonic_clock": "POSIX clock_gettime",
  "multiplexing_api": "epoll",
  "os": "Linux 5.15.90.1-microsoft-standard-WSL2 x86_64",
  "process_id": "1",
  "process_supervised": "no",
  "redis_build_id": "9b0796a828280810",
  "redis_git_dirty": "0",
  "redis_git_sha1": "00000000",
  "redis_mode": "standalone",
  "redis_version": "7.2.3",
  "run_id": "2831087f076f4f96810773e0207f5d19ec0d57ba",
  "server_time_usec": "1712568294458826",
  "tcp_port": "6379",
  "uptime_in_days": "11",
  "uptime_in_seconds": "956181"
},
"stats": {
  "acl_access_denied_auth": "0",
  "acl_access_denied_channel": "0",
```

```
"acl_access_denied_cmd": "0",
"acl_access_denied_key": "0",
"active_defrag_hits": "0",
"active_defrag_key_hits": "0",
"active_defrag_key_misses": "0",
"active_defrag_misses": "0",
"current_active_defrag_time": "0",
"current_eviction_exceeded_time": "0",
"dump_payload_sanitizations": "0",
"eventloop_cycles": "10833780",
"eventloop_duration_cmd_sum": "6980386",
"eventloop_duration_sum": "993148545",
"evicted_clients": "0",
"evicted_keys": "0",
"expire_cycle_cpu_milliseconds": "17711",
"expired_keys": "86",
"expired_stale_perc": "0.00",
"expired_time_cap_reached_count": "0",
"instantaneous_eventloop_cycles_per_sec": "9",
"instantaneous_eventloop_duration_usec": "87",
"instantaneous_input_kbps": "0.00",
"instantaneous_input_repl_kbps": "0.00",
"instantaneous_ops_per_sec": "0",
"instantaneous_output_kbps": "0.00",
"instantaneous_output_repl_kbps": "0.00",
"io_threaded_reads_processed": "0",
"io_threaded_writes_processed": "0",
"keyspace_hits": "656615",
"keyspace_misses": "21349",
"latest_fork_usec": "284",
"migrate_cached_sockets": "0",
"pubsub_channels": "0",
"pubsub_patterns": "0",
"pubsubshard_channels": "0",
"rejected_connections": "0",
"reply_buffer_expands": "3799",
"reply_buffer_shrinks": "3912",
"slave_expires_tracked_keys": "0",
"sync_full": "0",
"sync_partial_err": "0",
"sync_partial_ok": "0",
"total_active_defrag_time": "0",
"total_commands_processed": "1320088",
"total_connections_received": "572",
"total_error_replies": "1",
"total_eviction_exceeded_time": "0",
"total_forks": "2172",
"total_net_input_bytes": "119768993",
"total_net_output_bytes": "67614465",
"total_net_repl_input_bytes": "0",
"total_net_repl_output_bytes": "0",
"total_reads_processed": "1321850",
"total_writes_processed": "1320083",
"tracking_total_items": "0",
"tracking_total_keys": "0",
"tracking_total_prefixes": "0",
"unexpected_error_replies": "0"
```

```
    }
  },
  "msg": "success"
}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

HTTP Status Code **200**

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» msg	string	true	none	none
» data	object	true	none	none
»» info	object	true	none	none
»»» server	object	true	none	none
»»»» redis_version	string	true	none	none
»»»» redis_git_sha1	string	true	none	none
»»»» redis_git_dirty	string	true	none	none
»»»» redis_build_id	string	true	none	none
»»»» redis_mode	string	true	none	none
»»»» os	string	true	none	none
»»»» arch_bits	string	true	none	none
»»»» monotonic_clock	string	true	none	none
»»»» multiplexing_api	string	true	none	none
»»»» atomicvar_api	string	true	none	none

<b>Name</b>	<b>Type</b>	<b>Required</b>	<b>Restrictions</b>	<b>description</b>
»»»» gcc_version	string	true	none	none
»»»» process_id	string	true	none	none
»»»» process_supervised	string	true	none	none
»»»» run_id	string	true	none	none
»»»» tcp_port	string	true	none	none
»»»» server_time_usec	string	true	none	none
»»»» uptime_in_seconds	string	true	none	none
»»»» uptime_in_days	string	true	none	none
»»»» hz	string	true	none	none
»»»» configured_hz	string	true	none	none
»»»» lru_clock	string	true	none	none
»»»» executable	string	true	none	none
»»»» config_file	string	true	none	none
»»»» io_threads_active	string	true	none	none
»»» clients	object	true	none	none
»»»» connected_clients	string	true	none	none
»»»» cluster_connections	string	true	none	none
»»»» maxclients	string	true	none	none
»»»» client_recent_max_input_buffer	string	true	none	none
»»»» client_recent_max_output_buffer	string	true	none	none
»»»» blocked_clients	string	true	none	none
»»»» tracking_clients	string	true	none	none
»»»» clients_in_timeout_table	string	true	none	none
»»» memory	object	true	none	none
»»»» used_memory	string	true	none	none



<b>Name</b>	<b>Type</b>	<b>Required</b>	<b>Restrictions</b>	<b>description</b>
»»»» used_memory_human	string	true	none	none
»»»» used_memory_rss	string	true	none	none
»»»» used_memory_rss_human	string	true	none	none
»»»» used_memory_peak	string	true	none	none
»»»» used_memory_peak_human	string	true	none	none
»»»» used_memory_peak_perc	string	true	none	none
»»»» used_memory_overhead	string	true	none	none
»»»» used_memory_startup	string	true	none	none
»»»» used_memory_dataset	string	true	none	none
»»»» used_memory_dataset_perc	string	true	none	none
»»»» allocator_allocated	string	true	none	none
»»»» allocator_active	string	true	none	none
»»»» allocator_resident	string	true	none	none
»»»» total_system_memory	string	true	none	none
»»»» total_system_memory_human	string	true	none	none
»»»» used_memory_lua	string	true	none	none
»»»» used_memory_vm_eval	string	true	none	none
»»»» used_memory_lua_human	string	true	none	none
»»»» used_memory_scripts_eval	string	true	none	none
»»»» number_of_cached_scripts	string	true	none	none
»»»» number_of_functions	string	true	none	none
»»»» number_of_libraries	string	true	none	none
»»»» used_memory_vm_functions	string	true	none	none

<b>Name</b>	<b>Type</b>	<b>Required</b>	<b>Restrictions</b>	<b>description</b>
»»»» used_memory_vm_total	string	true	none	none
»»»» used_memory_vm_total_human	string	true	none	none
»»»» used_memory_functions	string	true	none	none
»»»» used_memory_scripts	string	true	none	none
»»»» used_memory_scripts_human	string	true	none	none
»»»» maxmemory	string	true	none	none
»»»» maxmemory_human	string	true	none	none
»»»» maxmemory_policy	string	true	none	none
»»»» allocator_frag_ratio	string	true	none	none
»»»» allocator_frag_bytes	string	true	none	none
»»»» allocator_rss_ratio	string	true	none	none
»»»» allocator_rss_bytes	string	true	none	none
»»»» rss_overhead_ratio	string	true	none	none
»»»» rss_overhead_bytes	string	true	none	none
»»»» mem_fragmentation_ratio	string	true	none	none
»»»» mem_fragmentation_bytes	string	true	none	none
»»»» mem_not_counted_for_evict	string	true	none	none
»»»» mem_replication_backlog	string	true	none	none
»»»» mem_total_replication_buffers	string	true	none	none
»»»» mem_clients_slaves	string	true	none	none
»»»» mem_clients_normal	string	true	none	none
»»»» mem_cluster_links	string	true	none	none
»»»» mem_aof_buffer	string	true	none	none

Name	Type	Required	Restrictions	description
»»»» mem_allocator	string	true	none	none
»»»» active_defrag_running	string	true	none	none
»»»» lazyfree_pending_objects	string	true	none	none
»»»» lazyfreed_objects	string	true	none	none
»»» persistence	object	true	none	none
»»»» loading	string	true	none	none
»»»» async_loading	string	true	none	none
»»»» current_cow_peak	string	true	none	none
»»»» current_cow_size	string	true	none	none
»»»» current_cow_size_age	string	true	none	none
»»»» current_fork_perc	string	true	none	none
»»»» current_save_keys_processed	string	true	none	none
»»»» current_save_keys_total	string	true	none	none
»»»» rdb_changes_since_last_save	string	true	none	none
»»»» rdb_bgsave_in_progress	string	true	none	none
»»»» rdb_last_save_time	string	true	none	none
»»»» rdb_last_bgsave_status	string	true	none	none
»»»» rdb_last_bgsave_time_sec	string	true	none	none
»»»» rdb_current_bgsave_time_sec	string	true	none	none
»»»» rdb_saves	string	true	none	none
»»»» rdb_last_cow_size	string	true	none	none
»»»» rdb_last_load_keys_expired	string	true	none	none
»»»» rdb_last_load_keys_loaded	string	true	none	none
»»»» aof_enabled	string	true	none	none

Name	Type	Required	Restrictions	description
»»»» aof_rewrite_in_progress	string	true	none	none
»»»» aof_rewrite_scheduled	string	true	none	none
»»»» aof_last_rewrite_time_sec	string	true	none	none
»»»» aof_current_rewrite_time_sec	string	true	none	none
»»»» aof_last_bgrewrite_status	string	true	none	none
»»»» aof_rewrites	string	true	none	none
»»»» aof_rewrites_consecutive_failures	string	true	none	none
»»»» aof_last_write_status	string	true	none	none
»»»» aof_last_cow_size	string	true	none	none
»»»» module_fork_in_progress	string	true	none	none
»»»» module_fork_last_cow_size	string	true	none	none
»»»» aof_current_size	string	true	none	none
»»»» aof_base_size	string	true	none	none
»»»» aof_pending_rewrite	string	true	none	none
»»»» aof_buffer_length	string	true	none	none
»»»» aof_pending_bio_fsync	string	true	none	none
»»»» aof_delayed_fsync	string	true	none	none
»»» stats	object	true	none	none
»»»» total_connections_received	string	true	none	none
»»»» total_commands_processed	string	true	none	none
»»»» instantaneous_ops_per_sec	string	true	none	none
»»»» total_net_input_bytes	string	true	none	none
»»»» total_net_output_bytes	string	true	none	none
»»»» total_net_repl_input_bytes	string	true	none	none
»»»» total_net_repl_output_bytes	string	true	none	none

<b>Name</b>	<b>Type</b>	<b>Required</b>	<b>Restrictions</b>	<b>description</b>
»»»» instantaneous_input_kbps	string	true	none	none
»»»» instantaneous_output_kbps	string	true	none	none
»»»» instantaneous_input_repl_kbps	string	true	none	none
»»»» instantaneous_output_repl_kbps	string	true	none	none
»»»» rejected_connections	string	true	none	none
»»»» sync_full	string	true	none	none
»»»» sync_partial_ok	string	true	none	none
»»»» sync_partial_err	string	true	none	none
»»»» expired_keys	string	true	none	none
»»»» expired_stale_perc	string	true	none	none
»»»» expired_time_cap_reached_count	string	true	none	none
»»»» expire_cycle_cpu_milliseconds	string	true	none	none
»»»» evicted_keys	string	true	none	none
»»»» evicted_clients	string	true	none	none
»»»» total_eviction_exceeded_time	string	true	none	none
»»»» current_eviction_exceeded_time	string	true	none	none
»»»» keyspace_hits	string	true	none	none
»»»» keyspace_misses	string	true	none	none
»»»» pubsub_channels	string	true	none	none
»»»» pubsub_patterns	string	true	none	none
»»»» pubsubshard_channels	string	true	none	none
»»»» latest_fork_usec	string	true	none	none

<b>Name</b>	<b>Type</b>	<b>Required</b>	<b>Restrictions</b>	<b>description</b>
»»»» total_forks	string	true	none	none
»»»» migrate_cached_sockets	string	true	none	none
»»»» slave_expires_tracked_keys	string	true	none	none
»»»» active_defrag_hits	string	true	none	none
»»»» active_defrag_misses	string	true	none	none
»»»» active_defrag_key_hits	string	true	none	none
»»»» active_defrag_key_misses	string	true	none	none
»»»» total_active_defrag_time	string	true	none	none
»»»» current_active_defrag_time	string	true	none	none
»»»» tracking_total_keys	string	true	none	none
»»»» tracking_total_items	string	true	none	none
»»»» tracking_total_prefixes	string	true	none	none
»»»» unexpected_error_replies	string	true	none	none
»»»» total_error_replies	string	true	none	none
»»»» dump_payload_sanitizations	string	true	none	none
»»»» total_reads_processed	string	true	none	none
»»»» total_writes_processed	string	true	none	none
»»»» io_threaded_reads_processed	string	true	none	none
»»»» io_threaded_writes_processed	string	true	none	none
»»»» reply_buffer_shrinks	string	true	none	none
»»»» reply_buffer_expands	string	true	none	none
»»» replication	object	true	none	none
»»»» role	string	true	none	none
»»»» connected_slaves	string	true	none	none

Name	Type	Required	Restrictions	description
»»»» master_failover_state	string	true	none	none
»»»» master_replid	string	true	none	none
»»»» master_replid2	string	true	none	none
»»»» master_repl_offset	string	true	none	none
»»»» second_repl_offset	string	true	none	none
»»»» repl_backlog_active	string	true	none	none
»»»» repl_backlog_size	string	true	none	none
»»»» repl_backlog_first_byte_offset	string	true	none	none
»»»» repl_backlog_histlen	string	true	none	none
»»» cpu	object	true	none	none
»»»» used_cpu_sys	string	true	none	none
»»»» used_cpu_user	string	true	none	none
»»»» used_cpu_sys_children	string	true	none	none
»»»» used_cpu_user_children	string	true	none	none
»»»» used_cpu_sys_main_thread	string	true	none	none
»»»» used_cpu_user_main_thread	string	true	none	none
»»» modules	object	true	none	none
»»» errorstats	object	true	none	none
»»» cluster	object	true	none	none
»»»» cluster_enabled	string	true	none	none
»»» keyspace	object	true	none	none
»»»» db0	string	true	none	none
»»»» db1	string	true	none	none
»» dbSize	integer	true	none	none
»» commandStats	[object]	true	none	none

Name	Type	Required	Restrictions	description
»»» name	string	true	none	none
»»» value	string	true	none	none

## GET aquire cache name list

GET /monitor/cache/getNames

### Params

Name	Location	Type	Required	Description
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token

#### Response Examples

#### Success

### Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	Success	Inline

### Responses Data Schema

HTTP Status Code **200**



Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» msg	string	true	none	none
» data	[object]	true	none	none
»» cacheName	string	true	none	none
»» cacheKey	string	true	none	none
»» cacheValue	string	true	none	none
»» remark	string	true	none	none

## GET key name list by cache name

GET /monitor/cache/getKeys/{cacheName}

### Params

Name	Location	Type	Required	Description
cacheName	path	string	yes	Cache Name
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token

### Response Examples

#### OK

```
{
  "code": 1,
  "msg": "Success",
  "data": [
    {
      "cacheName": "sys_config",
```

```
"cacheKey": "sys.user.initPassword",
"cacheValue": "",
"remark": ""
},
{
"cacheName": "sys_config",
"cacheKey": "sys.account.captchaEnabled",
"cacheValue": "",
"remark": ""
},
{
"cacheName": "sys_config",
"cacheKey": "sys.account.registerUser",
"cacheValue": "",
"remark": ""
},
{
"cacheName": "sys_config",
"cacheKey": "sys.account.captchaType",
"cacheValue": "",
"remark": ""
}
]
}
```

```
{
"code": 403,
"msg": "Unauthorized access GET /monitor/cache/getKeys/epsgajtqg"
}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

### HTTP Status Code 200

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» msg	string	true	none	none

Name	Type	Required	Restrictions	description
» data	[object]	true	none	none
»» cacheName	string	true	none	none
»» cacheKey	string	true	none	none
»» cacheValue	string	true	none	none
»» remark	string	true	none	none

## GET aquire cache value by name or key

GET /monitor/cache/getValue/{cacheName}/{cacheKey}

### Params

Name	Location	Type	Required	Description
cacheName	path	string	yes	Cache name obtained from key name list
cacheKey	path	string	yes	Cache key names obtained from the key name list
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token

#### Response Examples

OK

```
{
  "code": 1,
  "msg": "success",
}
```

```
"data": {
  "cacheName": "sys_config",
  "cacheKey": "sys.account.captchaType",
  "cacheValue": "math",
  "remark": ""
}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

HTTP Status Code **200**

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» msg	string	true	none	none
» data	object	true	none	none
»» cacheName	string	true	none	none
»» cacheKey	string	true	none	none
»» cacheValue	string	true	none	none
»» remark	string	true	none	

## DELETE delete cache key name

DELETE /monitor/cache/clearCacheKey/{cacheName}/{cacheKey}

## Params

Name	Location	Type	Required	Description
cacheName	path	string	yes	Cache name obtained from key name list
cacheKey	path	string	yes	Cache key names obtained from the key name list
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token

## Response Examples

### OK

```
{
  "code": 1,
  "msg": "success"
}
```

```
{
  "code": 403,
  "msg": "Unauthorized access DELETE /monitor/cache/clearCacheKey/mjqh/f22367b5-1547-4372-9a0f-2381a75a2148"
}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

## HTTP Status Code 200

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» msg	string	true	none	none

# DELETE delete cache name

DELETE /monitor/cache/clearCacheName/{cacheName}

## Params

Name	Location	Type	Required	Description
cacheName	path	string	yes	The cache name obtained from the cache name list
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token

### Response Examples

#### OK

```
{
  "code": 1,
  "msg": "success"
}
```

```
{
  "code": 0,
```

```
"msg": "error"
}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

HTTP Status Code **200**

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» msg	string	true	none	none

## DELETE clear cache name safety

DELETE /monitor/cache/clearCacheSafe

Specify cache key names that can be cleared

## Params

Name	Location	Type	Required	Description
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token

OK

```
{  
  "code": 1,  
  "msg": "success"  
}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

HTTP Status Code **200**

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» msg	string	true	none	none

## System/Scheduling task log information

## POST export scheduling task log

POST /monitor/jobLog/export

The file stream is returned normally, and the response header is as follows

```
content-disposition: attachment;filename=jobLog_export_1_1684058366284.xlsx  
content-length: 17079  
content-type: application/vnd.openxmlformats-officedocument.spreadsheetml.sheet
```

Body Parameters



```
{
  "jobName": "string",
  "jobGroup": "string",
  "status": "string",
  "pageNum": 0,
  "pageSize": 0,
  "beginTime": "string",
  "endTime": "string"
}
```

## Params

Name	Location	Type	Required	Description
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token
body	body	object	no	none
» jobName	body	string	no	none
» jobGroup	body	string	no	none
» status	body	string	no	none
» pageNum	body	number	no	none
» pageSize	body	number	no	none
» beginTime	body	string	no	none
» endTime	body	string	no	none

### Response Examples

#### OK

```
{
  "code": 0,
```

```
"msg": "Export data record is empty"
}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

HTTP Status Code **200**

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» msg	string	true	none	none

## GET aquire scheduling task log list

GET /monitor/jobLog/list

## Params

Name	Location	Type	Required	Description
jobName	query	string	no	job name
jobGroup	query	string	no	job group name
status	query	string	no	status
pageNum	query	number	no	Page number, default 1
pageSize	query	number	no	Size of one page, default 10
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer

Name	Location	Type	Required	Description
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token

## Response Examples

### OK

```
{
  "code": 1,
  "msg": "success",
  "rows": [
    {
      "jobLogId": "246",
      "jobName": "Delete Expired NE State Record",
      "jobGroup": "SYSTEM",
      "invokeTarget": "deleteExpiredRecord",
      "targetParams": "
{\\\"duration\\\":1,\\\"tableName\\\":\\\"ne_state\\\",\\\"colName\\\":\\\"timestamp\\\"}",
      "jobMsg": "{\\\"crom\\\":true,\\\"message\\\":
{\\\"affected\\\":1223,\\\"msg\\\":\\\"sucess\\\"},\\\"name\\\":\\\"completed\\\"}",
      "status": "1",
      "createTime": 1714407900038,
      "costTime": 38
    },
    {
      "jobLogId": "245",
      "jobName": "Delete expired NE etc backup file",
      "jobGroup": "SYSTEM",
      "invokeTarget": "delExpiredNeBackup",
      "targetParams": "{\\\"duration\\\":60}",
      "jobMsg": "{\\\"crom\\\":true,\\\"message\\\":
{\\\"affected\\\":0,\\\"msg\\\":\\\"sucess\\\"},\\\"name\\\":\\\"completed\\\"}",
      "status": "1",
      "createTime": 1714407600001,
      "costTime": 1
    },
    {
      "jobLogId": "244",
      "jobName": "Delete expired KPI records",
      "jobGroup": "SYSTEM",
      "invokeTarget": "deleteExpiredRecord",
      "targetParams": "
{\\\"duration\\\":30,\\\"tableName\\\":\\\"gold_kpi\\\",\\\"colName\\\":\\\"date\\\"}",
      "jobMsg": "{\\\"crom\\\":true,\\\"message\\\":
{\\\"affected\\\":0,\\\"msg\\\":\\\"sucess\\\"},\\\"name\\\":\\\"completed\\\"}",
      "status": "1",
      "createTime": 1714407301671,
      "costTime": 1671
    }
  ],
}
```

```
{
  "jobLogId": "243",
  "jobName": "Delete expired historical alarm",
  "jobGroup": "SYSTEM",
  "invokeTarget": "deleteExpiredRecord",
  "targetParams": "
{\"duration\":90,\"tableName\":\"alarm\",\"colName\":\"event_time\",\"extras\":\"alarm_status='0'\"}",
  "jobMsg": "{\"crom\":true,\"message\":
{\"affected\":26,\"msg\":\"sucess\"},\"name\":\"completed\"}",
  "status": "1",
  "createTime": 1714407000095,
  "costTime": 95
},
{
  "jobLogId": "242",
  "jobName": "Delete Expired NE State Record",
  "jobGroup": "SYSTEM",
  "invokeTarget": "deleteExpiredRecord",
  "targetParams": "
{\"duration\":1,\"tableName\":\"ne_state\",\"colName\":\"timestamp\"}",
  "jobMsg": "{\"crom\":false,\"message\":
{\"affected\":30093,\"msg\":\"sucess\"},\"name\":\"completed\"}",
  "status": "1",
  "createTime": 1714383034113,
  "costTime": 27321
},
{
  "jobLogId": "241",
  "jobName": "Delete Expired NE State Record",
  "jobGroup": "SYSTEM",
  "invokeTarget": "deleteExpiredRecord",
  "targetParams": "
{\"duration\":7,\"tableName\":\"ne_state\",\"colName\":\"timestamp\"}",
  "jobMsg": "{\"crom\":true,\"message\":
{\"affected\":0,\"msg\":\"sucess\"},\"name\":\"completed\"}",
  "status": "1",
  "createTime": 1714321501402,
  "costTime": 1402
},
{
  "jobLogId": "240",
  "jobName": "Delete expired NE etc backup file",
  "jobGroup": "SYSTEM",
  "invokeTarget": "delExpiredNeBackup",
  "targetParams": "{\"duration\":60}",
  "jobMsg": "{\"crom\":true,\"message\":
{\"affected\":0,\"msg\":\"sucess\"},\"name\":\"completed\"}",
  "status": "1",
  "createTime": 1714321200002,
  "costTime": 2
},
{
  "jobLogId": "239",
  "jobName": "Delete expired KPI records",
  "jobGroup": "SYSTEM",
  "invokeTarget": "deleteExpiredRecord",
```

```

    "targetParams": "
  {"duration\":30,\"tableName\": \"gold_kpi\", \"colName\": \"date\"},
    "jobMsg": "{ \"crom\":true, \"message\":
  {\"affected\":0, \"msg\": \"sucess\"}, \"name\": \"completed\"},
    "status": "1",
    "createTime": 1714320901523,
    "costTime": 1523
  },
  {
    "jobLogId": "238",
    "jobName": "Delete expired historical alarm",
    "jobGroup": "SYSTEM",
    "invokeTarget": "deleteExpiredRecord",
    "targetParams": "
  {\"duration\":90,\"tableName\": \"alarm\", \"colName\": \"event_time\", \"extras\": \"al
  arm_status='0'\"},
    "jobMsg": "{ \"crom\":true, \"message\":
  {\"affected\":384, \"msg\": \"sucess\"}, \"name\": \"completed\"},
    "status": "1",
    "createTime": 1714320600186,
    "costTime": 185
  },
  {
    "jobLogId": "237",
    "jobName": "Delete Expired NE State Record",
    "jobGroup": "SYSTEM",
    "invokeTarget": "deleteExpiredRecord",
    "targetParams": "
  {\"duration\":7,\"tableName\": \"ne_state\", \"colName\": \"timestamp\"},
    "jobMsg": "{ \"crom\":true, \"message\":
  {\"affected\":0, \"msg\": \"sucess\"}, \"name\": \"completed\"},
    "status": "1",
    "createTime": 1714235100585,
    "costTime": 585
  }
  ],
  "total": 246
}

```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

HTTP Status Code **200**

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» msg	string	true	none	none
» rows	[object]	true	none	none
»» jobLogId	string	true	none	none
»» jobName	string	true	none	none
»» jobGroup	string	true	none	none
»» invokeTarget	string	true	none	none
»» targetParams	string	true	none	none
»» jobMsg	string	true	none	none
»» status	string	true	none	none
»» createTime	integer	true	none	none
»» costTime	integer	true	none	none
» total	integer	true	none	none

## GET aquire scheduling task log

GET /monitor/jobLog/{jobLogId}

### Params

Name	Location	Type	Required	Description
jobLogId	path	string	yes	log ID
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token

```

{
  "code": 1,
  "data": {
    "jobLogId": "44",
    "jobName": "job.genNeStateAlarm",
    "jobGroup": "SYSTEM",
    "invokeTarget": "genNeStateAlarm",
    "targetParams": "
{\alarmID\": \"HXEMSSM10000\", \"alarmCode\": 10000, \"alarmTitle\": \"The system state
is abnormal\", \"neType\": \"OMC\", \"alarmType\": \"EquipmentAlarm\", \"origSeverity\":
\"Major\", \"objectName\": \"EMS;SystemManagement;Heartbeat\", \"objectType\": \"System
State\", \"specificProblem\": \"Alarm cause: the system state of target NE has not
been received for {threshold} seconds\",
\"specificProblemID\": \"AC10000\", \"threshold\": 30}",
    "jobMsg": "{\crom\": true, \"message\": null, \"name\": \"completed\"}",
    "status": "1",
    "createTime": 1704450000000,
    "costTime": 0
  },
  "msg": "success"
}

```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

### HTTP Status Code 200

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» msg	string	true	none	none
» data	object null	true	none	none
»» jobLogId	string	true	none	none

Name	Type	Required	Restrictions	description
»» jobName	string	true	none	none
»» jobGroup	string	true	none	none
»» invokeTarget	string	true	none	none
»» targetParams	string	true	none	none
»» jobMsg	string	true	none	none
»» status	string	true	none	none
»» createTime	string	true	none	none

## DELETE delete scheduling task log

DELETE /monitor/jobLog/{jobLogIds}

### Params

Name	Location	Type	Required	Description
jobLogIds	path	string	yes	Log ID, multiple can be separated by English commas
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token

#### Response Examples

OK

```
{
  "code": 1,
```



```
"msg": "Deleted successfully: 1"
}
```

```
{
  "code": 0,
  "msg": "error"
}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

HTTP Status Code **200**

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» msg	string	true	none	none

## DELETE clear scheduling task log

DELETE /monitor/jobLog/clean

## Params

Name	Location	Type	Required	Description
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent

Name	Location	Type	Required	Description
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token

## Response Examples

### OK

```
{
  "code": 1,
  "msg": "success"
}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

### HTTP Status Code 200

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» msg	string	true	none	none

## System/Scheduling task information

## POST export scheduling task list

POST /monitor/job/export

The file stream is returned normally, and the response header is as follows

```
content-disposition: attachment;filename=job_export_6_1684058991890.xlsx
content-length: 19346
content-type: application/vnd.openxmlformats-officedocument.spreadsheetml.sheet
```

## Body Parameters

```
{
  "jobName": "string",
  "jobGroup": "string",
  "status": "string",
  "pageNum": 0,
  "pageSize": 0
}
```

# Params

Name	Location	Type	Required	Description
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token
body	body	object	no	none
» jobName	body	string	no	none
» jobGroup	body	string	no	none
» status	body	string	no	none
» pageNum	body	number	no	none
» pageSize	body	number	no	none

## Response Examples

OK

```
{
  "code": 500,
  "msg": "Export data record is empty"
}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

HTTP Status Code **200**

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» msg	string	true	none	none

## GET aquire scheduling task list

GET /monitor/job/list

## Params

Name	Location	Type	Required	Description
jobName	query	string	no	job name
jobGroup	query	string	no	job group name
status	query	string	no	status
pageNum	query	number	no	Page number, default 1
pageSize	query	number	no	Size of one page, default 10
Authorization	header	string	yes	Authoirzation token

Name	Location	Type	Required	Description
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token

## Response Examples

### OK

```
{
  "code": 1,
  "msg": "success",
  "rows": [
    {
      "jobId": "1",
      "jobName": "Monitor-System Resources",
      "jobGroup": "SYSTEM",
      "invokeTarget": "monitor_sys_resource",
      "targetParams": "{\"interval\":5}",
      "cronExpression": "0 0/5 * * * ?",
      "misfirePolicy": "3",
      "concurrent": "0",
      "status": "1",
      "saveLog": "0",
      "createBy": "supervisor",
      "createTime": 1698478134839,
      "updateBy": "",
      "updateTime": 0,
      "remark": "System Resource CPU/IO/Network Collection\r\ninterval unit
minutes, average minute resource situation\r\nNote: Please pass the value of the
parameter interva according to the time unit minutes of the cron expression"
    },
    {
      "jobId": "4",
      "jobName": "Delete expired NE etc backup file",
      "jobGroup": "SYSTEM",
      "invokeTarget": "delExpiredNeBackup",
      "targetParams": "{\"duration\":60}",
      "cronExpression": "0 20 0 * * ?",
      "misfirePolicy": "3",
      "concurrent": "0",
      "status": "1",
      "saveLog": "1",
      "createBy": "supervisor",
      "createTime": 1698478134840,
      "updateBy": "",
      "updateTime": 0,
      "remark": "Delete expired network element etc backup file, pass in the
parameter to keep the backup file for {duration} days, default is 60 days."
    }
  ]
}
```

```

    },
    {
      "jobId": "5",
      "jobName": "Delete expired historical alarm",
      "jobGroup": "SYSTEM",
      "invokeTarget": "deleteExpiredRecord",
      "targetParams": "
{"duration\":90,\"tableName\": \"alarm\", \"colName\": \"event_time\", \"extras\": \"alarm_status='0'\"}",
      "cronExpression": "0 10 0 * * ?",
      "misfirePolicy": "3",
      "concurrent": "0",
      "status": "1",
      "saveLog": "1",
      "createBy": "supervisor",
      "createTime": 1698478134841,
      "updateBy": "",
      "updateTime": 0,
      "remark": "Delete expired history alarm records, pass in the parameter to
keep the history alarm records for {duration} days."
    },
    {
      "jobId": "6",
      "jobName": "Delete expired KPI records",
      "jobGroup": "SYSTEM",
      "invokeTarget": "deleteExpiredRecord",
      "targetParams": "
{"duration\":30,\"tableName\": \"gold_kpi\", \"colName\": \"date\"}",
      "cronExpression": "0 15 0 * * ?",
      "misfirePolicy": "3",
      "concurrent": "0",
      "status": "1",
      "saveLog": "1",
      "createBy": "supervisor",
      "createTime": 1698478134842,
      "updateBy": "",
      "updateTime": 0,
      "remark": "KPI record retention for {duration} days"
    },
    {
      "jobId": "7",
      "jobName": "Network Element Configuration Auto Backup Task",
      "jobGroup": "SYSTEM",
      "invokeTarget": "backupEtcFromNE",
      "targetParams": "",
      "cronExpression": "0 30 0 * * ?",
      "misfirePolicy": "3",
      "concurrent": "0",
      "status": "1",
      "saveLog": "1",
      "createBy": "supervisor",
      "createTime": 1698478134843,
      "updateBy": "",
      "updateTime": 0,
      "remark": "Automatically backs up the configuration files in the network
element's etc directory."
    },
  },

```

```

{
  "jobId": "8",
  "jobName": "Delete Expired NE State Record",
  "jobGroup": "SYSTEM",
  "invokeTarget": "deleteExpiredRecord",
  "targetParams": "
{\"duration\":7, \"tableName\": \"ne_state\", \"colName\": \"timestamp\"},
  "cronExpression": "0 25 0 * * ?",
  "misfirePolicy": "3",
  "concurrent": "0",
  "status": "1",
  "saveLog": "1",
  "createBy": "supervisor",
  "createTime": 1698478134842,
  "updateBy": "",
  "updateTime": 0,
  "remark": "Delete expired NE state records regularly and keep them for
{duration} days by default."
},
{
  "jobId": "9",
  "jobName": "Get state from NEs",
  "jobGroup": "SYSTEM",
  "invokeTarget": "getStateFromNE",
  "targetParams": "",
  "cronExpression": "0/10 * * * * ?",
  "misfirePolicy": "3",
  "concurrent": "0",
  "status": "1",
  "saveLog": "0",
  "createBy": "supervisor",
  "createTime": 1698478134842,
  "updateBy": "",
  "updateTime": 0,
  "remark": "Get state information from all NEs"
},
{
  "jobId": "10",
  "jobName": "Network Element Health Check",
  "jobGroup": "SYSTEM",
  "invokeTarget": "genNeStateAlarm",
  "targetParams": "
{\"alarmID\": \"HXEMSSM10000\", \"alarmCode\": 10000, \"alarmTitle\": \"The system state
is abnormal\", \"neType\": \"OMC\", \"alarmType\": \"EquipmentAlarm\", \"origSeverity\":
\"Major\", \"objectName\": \"EMS;SystemManagement;Heartbeat\", \"objectType\": \"System
State\", \"specificProblem\": \"Alarm cause: the system state of target NE has not
been received for {threshold} seconds\",
\"specificProblemID\": \"AC10000\", \"threshold\": 30}",
  "cronExpression": "0/5 * * * * ?",
  "misfirePolicy": "3",
  "concurrent": "0",
  "status": "1",
  "saveLog": "0",
  "createBy": "supervisor",
  "createTime": 1698478134842,
  "updateBy": "",
  "updateTime": 0,

```

```
    "remark": "Health status inspection of network elements, generating alarms in
case of abnormalities."
  }
],
"total": 8
}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

HTTP Status Code **200**

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» msg	string	true	none	none
» total	integer	true	none	none
» rows	[object]	true	none	none
»» jobId	string	true	none	none
»» jobName	string	true	none	none
»» jobGroup	string	true	none	none
»» invokeTarget	string	true	none	none
»» targetParams	string	true	none	none
»» cronExpression	string	true	none	none
»» misfirePolicy	string	true	none	none
»» concurrent	string	true	none	none
»» status	string	true	none	none
»» createBy	string	true	none	none



Name	Type	Required	Restrictions	description
»» createTime	string	true	none	none
»» remark	string	true	none	none

## GET aquire scheduling task by ID

GET /monitor/job/{jobId}

### Params

Name	Location	Type	Required	Description
jobId	path	string	yes	task ID
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token

### Response Examples

OK

```
{
  "code": 1,
  "data": {
    "jobId": "1",
    "jobName": "Monitor-System Resources",
    "jobGroup": "SYSTEM",
    "invokeTarget": "monitor_sys_resource",
    "targetParams": "{\"interval\":5}",
    "cronExpression": "0 0/5 * * * ?",
    "misfirePolicy": "3",
    "concurrent": "0",
    "status": "1",
    "saveLog": "0",
    "createBy": "supervisor",
    "createTime": 1698478134839,
    "updateBy": ""
  }
}
```

```
"updateTime": 0,
"remark": "System Resource CPU/IO/Network Collection\r\ninterval unit minutes,
average minute resource situation\r\nNote: Please pass the value of the parameter
interval according to the time unit minutes of the cron expression"
},
"msg": "success"
}
```

```
{
"code": 0,
"msg": "error"
}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

### HTTP Status Code 200

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» msg	string	true	none	none
» data	object null	true	none	none
»» jobId	string	true	none	none
»» jobName	string	true	none	none
»» jobGroup	string	true	none	none
»» invokeTarget	string	true	none	none
»» targetParams	string	true	none	none
»» cronExpression	string	true	none	none
»» misfirePolicy	string	true	none	none

Name	Type	Required	Restrictions	description
»» concurrent	string	true	none	none
»» status	string	true	none	none
»» createBy	string	true	none	none
»» createTime	string	true	none	none
»» remark	string	true	none	none

## POST add scheduling task

POST /monitor/job

### Body Parameters

```
{
  "jobName": "task1",
  "invokeTarget": "test1",
  "cronExpression": "0/22 * * * * ?",
  "misfirePolicy": "3",
  "concurrent": "0",
  "jobGroup": "DEFAULT",
  "status": "ullamco minim Ut",
  "targetParams": "{\"a\":1,\"b\":1}",
  "remark": "asdf"
}
```

## Params

Name	Location	Type	Required	Description
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token

Name	Location	Type	Required	Description
body	body	object	no	none
» jobName	body	string	yes	Scheduling task name
» jobGroup	body	string	yes	Group name
» invokeTarget	body	string	yes	Invoke target, callback function
» targetParams	body	string	yes	Standard JSON format string
» cronExpression	body	string	yes	Cron expression, last '?' char not used
» misfirePolicy	body	string	yes	1. Execute immediately 2. Execute once 3. Abandon execution
» concurrent	body	string	yes	0 prohibited 1 allowed
» status	body	string	yes	0 Inactive 1 Active
» remark	body	string	yes	none

## Response Examples

### OK

```
{
  "code": 1,
  "msg": "success"
}
```

```
{
  "code": 0,
  "msg": "Scheduled task [Monitor-System Resources] failed with incorrect Cron expression!"
}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

HTTP Status Code **200**

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» msg	string	true	none	none

## PUT modify scheduling task

PUT /monitor/job

### Body Parameters

```
{
  "jobName": "",
  "invokeTarget": "test",
  "cronExpression": "0/40 * * * * ?",
  "misfirePolicy": "3",
  "concurrent": "1",
  "jobGroup": "SYSTEM",
  "status": "0",
  "targetParams": "{\"a\":1,\"b\":1}",
  "remark": ". ",
  "jobId": "2"
}
```

## Params

Name	Location	Type	Required	Description
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent

Name	Location	Type	Required	Description
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token
body	body	object	no	none
» jobId	body	string	yes	Scheduling task ID
» jobName	body	string	yes	Scheduling task name
» jobGroup	body	string	yes	Group name
» invokeTarget	body	string	yes	Invoke target, callback function
» targetParams	body	string	yes	Standard JSON format string
» cronExpression	body	string	yes	Cron expression, last '?' char not used
» misfirePolicy	body	string	yes	1. Execute immediately 2. Execute once 3. Abandon execution
» concurrent	body	string	yes	0 prohibited 1 allowed
» status	body	string	yes	0 Inactive 1 Active
» remark	body	string	yes	none

## Response Examples

### OK

```
{
  "code": 1,
  "msg": "success"
}
```

```
{
  "code": 0,
  "msg": "Scheduled task [Monitor-System Resources] failed with incorrect Cron expression!"
}
```

# Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

HTTP Status Code **200**

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» msg	string	true	none	none

## DELETE delete scheduling task

DELETE /monitor/job/{joblds}

## Params

Name	Location	Type	Required	Description
joblds	path	string	yes	Task ID, multiple can be separated by English commas
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token

Response Examples

OK

```
{
  "code": 1,
  "msg": "success"
}
```

```
{
  "code": 0,
  "msg": "there is no accessible scheduling task data"
}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

HTTP Status Code **200**

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» msg	string	true	none	none

## PUT modify scheduling task status

PUT /monitor/job/changeStatus

### Body Parameters

```
{
  "jobId": "22",
  "status": "0"
}
```



# Params

Name	Location	Type	Required	Description
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token
body	body	object	no	none
» jobId	body	string	yes	none
» status	body	string	yes	0 Inactive 1 Active

## Response Examples

### OK

```
{
  "code": 1,
  "msg": "success"
}
```

```
{
  "code": 0,
  "msg": "There is no accessible scheduling task data!"
}
```

# Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

## HTTP Status Code 200

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» msg	string	true	none	none

# PUT schedule task to be executed immediately once

PUT /monitor/job/run/{jobId}

## Params

Name	Location	Type	Required	Description
jobId	path	string	yes	Task ID
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token

### Response Examples

#### OK

```
{
  "code": 1,
  "msg": "success"
}
```

```
{
  "code": 0,
```

```
"msg": "There is no accessible scheduling task data!"
}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

HTTP Status Code **200**

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» msg	string	true	none	none

## PUT reset schedule tasks queue

PUT /monitor/job/resetQueueJob

## Params

Name	Location	Type	Required	Description
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token

Response Examples

OK

```
{
  "code": 1,
  "msg": "success"
}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

HTTP Status Code **200**

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» msg	string	true	none	none

## System/Operation log information

### GET aquire operation log list

GET /system/log/operate/list

### Params

Name	Location	Type	Required	Description
title	query	string	no	operation module name
operName	query	string	no	operator name
businessType	query	string	no	operation type
status	query	string	no	status

Name	Location	Type	Required	Description
beginTime	query	string	no	begin time
endTime	query	string	no	end time
pageNum	query	number	no	Page number, default 1
pageSize	query	number	no	Size of one page, default 10
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token

## Response Examples

### OK

```
{
  "code": 1,
  "msg": "success",
  "rows": [
    {
      "operId": "4274",
      "title": "Operation Logging",
      "businessType": "5",
      "method": "controller.(*SysLogOperateController).Export-fm",
      "requestMethod": "POST",
      "operatorType": "1",
      "operName": "admin",
      "deptName": "",
      "operUrl": "/system/log/operate/export",
      "operIp": "192.168.2.219",
      "operLocation": "Intranet",
      "operParam": "
{\\\"beginTime\\\":\\\"\\\",\\\"endTime\\\":\\\"\\\",\\\"operName\\\":\\\"\\\",\\\"pageNum\\\":1,\\\"pageSize\\\":2
0,\\\"title\\\":\\\"\\\"}",
      "operMsg": "{\\\"status\\\":\\\"200\\\",\\\"size\\\":\\\"8912\\\",\\\"content-
type\\\":\\\"application/vnd.openxmlformats-
officedocument.spreadsheetml.sheetattachment;
filename=\\\"sys_log_operate_export_20_1712650224134.xlsx\\\"}",
      "status": "1",
      "operTime": 1712650224177,
      "costTime": 47
    },
    {
      "operId": "4273",
```

```
"title": "Operation Logging",
"businessType": "5",
"method": "controller.(*SysLogOperateController).Export-fm",
"requestMethod": "POST",
"operatorType": "1",
"operName": "admin",
"deptName": "",
"operUrl": "/system/log/operate/export",
"operIp": "192.168.2.219",
"operLocation": "Intranet",
"operParam": "
{ \"beginTime\": \"\", \"endTime\": \"\", \"operName\": \"\", \"pageNum\": 1, \"pageSize\": 20, \"title\": \"\" }",
  "operMsg": "{ \"status\": \"200\", \"size\": \"8798\", \"content-type\": \"application/vnd.openxmlformats-officedocument.spreadsheetml.sheetattachment; filename=\\\"sys_log_operate_export_20_1712650216901.xlsx\\\" }",
  "status": "1",
  "operTime": 1712650216926,
  "costTime": 38
},
{
  "operId": "4272",
  "title": "WS Sessions",
  "businessType": "0",
  "method": "controller.(*WSController).WS-fm",
  "requestMethod": "GET",
  "operatorType": "1",
  "operName": "admin",
  "deptName": "",
  "operUrl": "/ws",
  "operIp": "192.168.2.219",
  "operLocation": "Intranet",
  "operParam": "
{ \"access_token\": \"eyJhbGciOiJIUzUxMiIsInR5cCI6IkpXVCJ9.eyJhaXQiOjE3MTI2NDIzODk4NjksImV4cCI6MTcxMjY0OTk4OTg2OSwibG9naW5fa2V5IjoiaMFpd2kxcDJiaWR4Njc3MSIsInVzZXJfaWQiOiIyIiwiaXNlcl9uYW1lIjoiaWRtaW4ifQ.1-yIhxzVj1DGTGWr5AwcLE0guh8pIRqG7Pu4SfHshJmV3Lx3hCtwp_KTsV14wKgp08phscD2FN0bFvE4Y0sDxA\", \"language\": \"en_US\", \"subGroupID\": \"12,1010,1005\" }",
  "operMsg": "{ \"status\": \"200\", \"size\": \"0\", \"content-type\": \"\" }",
  "status": "1",
  "operTime": 1712649765251,
  "costTime": 35009
},
{
  "operId": "4271",
  "title": "WS Sessions",
  "businessType": "0",
  "method": "controller.(*WSController).WS-fm",
  "requestMethod": "GET",
  "operatorType": "1",
  "operName": "admin",
  "deptName": "",
  "operUrl": "/ws",
  "operIp": "192.168.2.219",
  "operLocation": "Intranet",
  "operParam": "
```

```
{\ "access_token"\ : "\ "eyJhbGciOiJIUzUxMiIsInR5cCI6IkpXVCJ9.eyJhaXQiOjE3MTI2MjcxcMTUyMjgsImV4cCI6MTcxMjYzNDMxNTIyOCwibG9naW5fa2V5IjoiOHRsb2Z2OHVkaHYyb3QyNiIsInVzZXJfaWQiOiIyIiwidXNlcl9uYW11IjoiYWRTaW4ifQ.tF0VH1X556kQZpTcf9j1xK1Rgdwc416alDIvFUF1gfnZkXzXT4CDFM8CMLX48IpS-tz51edIMC0hWViG5uqLZQ\", \"language\": \"en_US\", \"subGroupID\": \"12,1010,1005\"},
  \"operMsg\": \"{\\ \"status\": \"200\", \"size\": \"0\", \"content-type\": \"\"}\",
  \"status\": \"1\",
  \"operTime\": 1712629470304,
  \"costTime\": 1801
},
{
  \"operId\": \"4270\",
  \"title\": \"WS Sessions\",
  \"businessType\": \"0\",
  \"method\": \"controller.(*WSController).WS-fm\",
  \"requestMethod\": \"GET\",
  \"operatorType\": \"1\",
  \"operName\": \"admin\",
  \"deptName\": \"\",
  \"operUrl\": \"/ws\",
  \"operIp\": \"192.168.2.219\",
  \"operLocation\": \"Intranet\",
  \"operParam\": \"
{\ "access_token"\ : "\ "eyJhbGciOiJIUzUxMiIsInR5cCI6IkpXVCJ9.eyJhaXQiOjE3MTI2MjcxcMTUyMjgsImV4cCI6MTcxMjYzNDMxNTIyOCwibG9naW5fa2V5IjoiOHRsb2Z2OHVkaHYyb3QyNiIsInVzZXJfaWQiOiIyIiwidXNlcl9uYW11IjoiYWRTaW4ifQ.tF0VH1X556kQZpTcf9j1xK1Rgdwc416alDIvFUF1gfnZkXzXT4CDFM8CMLX48IpS-tz51edIMC0hWViG5uqLZQ\", \"language\": \"en_US\", \"subGroupID\": \"12,1010,1005\"},
  \"operMsg\": \"{\\ \"status\": \"200\", \"size\": \"0\", \"content-type\": \"\"}\",
  \"status\": \"1\",
  \"operTime\": 1712629466870,
  \"costTime\": 3371
},
{
  \"operId\": \"4269\",
  \"title\": \"WS Sessions\",
  \"businessType\": \"0\",
  \"method\": \"controller.(*WSController).WS-fm\",
  \"requestMethod\": \"GET\",
  \"operatorType\": \"1\",
  \"operName\": \"admin\",
  \"deptName\": \"\",
  \"operUrl\": \"/ws\",
  \"operIp\": \"192.168.2.219\",
  \"operLocation\": \"Intranet\",
  \"operParam\": \"
{\ "access_token"\ : "\ "eyJhbGciOiJIUzUxMiIsInR5cCI6IkpXVCJ9.eyJhaXQiOjE3MTI2MjcxcMTUyMjgsImV4cCI6MTcxMjYzNDMxNTIyOCwibG9naW5fa2V5IjoiOHRsb2Z2OHVkaHYyb3QyNiIsInVzZXJfaWQiOiIyIiwidXNlcl9uYW11IjoiYWRTaW4ifQ.tF0VH1X556kQZpTcf9j1xK1Rgdwc416alDIvFUF1gfnZkXzXT4CDFM8CMLX48IpS-tz51edIMC0hWViG5uqLZQ\", \"language\": \"en_US\", \"subGroupID\": \"12,1010,1005\"},
  \"operMsg\": \"{\\ \"status\": \"200\", \"size\": \"0\", \"content-type\": \"\"}\",
  \"status\": \"1\",
  \"operTime\": 1712629453525,
  \"costTime\": 9957
},
{
```

```
"operId": "4268",
"title": "WS Sessions",
"businessType": "0",
"method": "controller.(*WSController).WS-fm",
"requestMethod": "GET",
"operatorType": "1",
"operName": "admin",
"deptName": "",
"operUrl": "/ws",
"operIp": "192.168.2.219",
"operLocation": "Intranet",
"operParam": "
{\"access_token\": \"eyJhbGciOiJIUzUxMiIsInR5cCI6IkpXVCJ9.eyJhaXQiOjE3MTI2MjcxcMTUyMjgsImV4cCI6MTcxMjYzNDMxNTIyOCwibG9naW5fa2V5IjoiOHRsb2Z2OHVkaHYyb3QyNiIsInVzZXJfaWQiOiIyIiwidXNlcl9uYW11IjoiYWRtaW4ifQ.tF0VH1X556kQZpTcf9j1xK1Rgdwc416alDIvFUF1gfnZkXzXT4CDFM8CMLX48IpS-tz51edIMC0hWViG5uqLZQ\", \"language\": \"en_US\", \"subGroupID\": \"12,1010,1005\"},
  \"operMsg\": \"{\\\"status\\\": \\\"200\\\", \\\"size\\\": \\\"0\\\", \\\"content-type\\\": \\\"\\\"}\",
  \"status\": \"1\",
  \"operTime\": 1712629439209,
  \"costTime\": 551
},
{
  \"operId\": \"4267\",
  \"title\": \"WS Sessions\",
  \"businessType\": \"0\",
  \"method\": \"controller.(*WSController).WS-fm\",
  \"requestMethod\": \"GET\",
  \"operatorType\": \"1\",
  \"operName\": \"admin\",
  \"deptName\": \"\",
  \"operUrl\": \"/ws\",
  \"operIp\": \"192.168.2.219\",
  \"operLocation\": \"Intranet\",
  \"operParam\": \"
{\"access_token\": \"eyJhbGciOiJIUzUxMiIsInR5cCI6IkpXVCJ9.eyJhaXQiOjE3MTI2MjcxcMTUyMjgsImV4cCI6MTcxMjYzNDMxNTIyOCwibG9naW5fa2V5IjoiOHRsb2Z2OHVkaHYyb3QyNiIsInVzZXJfaWQiOiIyIiwidXNlcl9uYW11IjoiYWRtaW4ifQ.tF0VH1X556kQZpTcf9j1xK1Rgdwc416alDIvFUF1gfnZkXzXT4CDFM8CMLX48IpS-tz51edIMC0hWViG5uqLZQ\", \"language\": \"en_US\", \"subGroupID\": \"12,1010,1005\"},
  \"operMsg\": \"{\\\"status\\\": \\\"200\\\", \\\"size\\\": \\\"0\\\", \\\"content-type\\\": \\\"\\\"}\",
  \"status\": \"1\",
  \"operTime\": 1712629148548,
  \"costTime\": 3581
},
{
  \"operId\": \"4266\",
  \"title\": \"Scheduling Tasks\",
  \"businessType\": \"8\",
  \"method\": \"controller.(*SysJobController).ResetQueueJob-fm\",
  \"requestMethod\": \"PUT\",
  \"operatorType\": \"1\",
  \"operName\": \"admin\",
  \"deptName\": \"\",
  \"operUrl\": \"/monitor/job/resetQueueJob\",
  \"operIp\": \"192.168.2.219\",
  \"operLocation\": \"Intranet\",
```



```

    "operParam": "{}",
    "operMsg": "{\"status\": \"200\", \"size\": \"26\", \"content-
type\": \"application/json; charset=utf-8\"}",
    "status": "1",
    "operTime": 1712628578539,
    "costTime": 1
  },
  {
    "operId": "4265",
    "title": "Scheduling Tasks",
    "businessType": "2",
    "method": "controller.(*SysJobController).Run-fm",
    "requestMethod": "PUT",
    "operatorType": "1",
    "operName": "admin",
    "deptName": "",
    "operUrl": "/monitor/job/run/8",
    "operIp": "192.168.2.219",
    "operLocation": "Intranet",
    "operParam": "{}",
    "operMsg": "{\"status\": \"200\", \"size\": \"26\", \"content-
type\": \"application/json; charset=utf-8\"}",
    "status": "1",
    "operTime": 1712628417006,
    "costTime": 0
  }
],
"total": 4274
}

```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

### HTTP Status Code 200

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» msg	string	true	none	none
» total	integer	true	none	none

Name	Type	Required	Restrictions	description
» rows	[object]	true	none	none
»» operId	string	true	none	none
»» title	string	true	none	none
»» businessType	string	true	none	none
»» method	string	true	none	none
»» requestMethod	string	true	none	none
»» operatorType	string	true	none	none
»» operName	string	true	none	none
»» deptName	string	true	none	none
»» operUrl	string	true	none	none
»» operIp	string	true	none	none
»» operLocation	string	true	none	none
»» operParam	string	true	none	none
»» operMsg	string	true	none	none
»» status	string	true	none	none
»» operTime	string	true	none	none
»» costTime	string	true	none	none

## POST export operation log list

POST /system/log/operate/export

,

```
content-disposition: attachment;filename=operlog_export_20_1684073261184.xlsx
content-length: 36500
content-type: application/vnd.openxmlformats-officedocument.spreadsheetml.sheet
```

Body Parameters

```

{
  "title": "string",
  "operName": "string",
  "businessType": "string",
  "status": "string",
  "beginTime": "string",
  "endTime": "string",
  "pageNum": 0,
  "pageSize": 0
}

```

## Params

Name	Location	Type	Required	Description
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token
body	body	object	no	none
» title	body	string	no	none
» operName	body	string	no	none
» businessType	body	string	no	none
» status	body	string	no	none
» beginTime	body	string	no	none
» endTime	body	string	no	none
» pageNum	body	number	yes	none
» pageSize	body	number	yes	none

### Response Examples

OK

```
{
  "code": 500,
  "msg": ""
}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

HTTP Status Code **200**

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» msg	string	true	none	none

## DELETE clean operation log

DELETE /system/log/operate/clean

## Params

Name	Location	Type	Required	Description
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token

```
{
  "code": 1,
  "msg": "success"
}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

HTTP Status Code **200**

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» msg	string	true	none	none

## DELETE delete operation log

DELETE /system/log/operate/{operIds}

## Params

Name	Location	Type	Required	Description
operIds	path	string	yes	Operation log ID, multiple can be separated by English commas
Authorization	header	string	yes	Authoirzation token

Name	Location	Type	Required	Description
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token

## Response Examples

### OK

```
{
  "code": 1,
  "msg": "Deleted successfully: 1"
}
```

```
{
  "code": 0,
  "msg": "error"
}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

### HTTP Status Code 200

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» msg	string	true	none	none

# System/Security log information

## GET login access list

GET /system/log/login/list

### Params

Name	Location	Type	Required	Description
ipaddr	query	string	no	login ip address
userName	query	string	no	login name
status	query	string	no	login status: 0 failed 1 successful
beginTime	query	string	no	begin time
endTime	query	string	no	end time
pageNum	query	number	no	Page number, default 1
pageSize	query	number	no	Size of one page, default 10
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token

### Response Examples

OK

```
{
  "code": 1,
  "msg": "success",
  "rows": [
```

```
{
  "loginId": "1228",
  "userName": "supervisor",
  "ipaddr": "192.168.2.219",
  "loginLocation": "Intranet",
  "browser": "Edge 123.0.0.0",
  "os": "Windows 10",
  "status": "1",
  "msg": "Login Success",
  "loginTime": 1712654593452
},
{
  "loginId": "1227",
  "userName": "supervisor",
  "ipaddr": "192.168.2.219",
  "loginLocation": "Intranet",
  "browser": "Edge 123.0.0.0",
  "os": "Windows 10",
  "status": "1",
  "msg": "Logout Successful",
  "loginTime": 1712654578672
},
{
  "loginId": "1226",
  "userName": "supervisor",
  "ipaddr": "192.168.2.219",
  "loginLocation": "Intranet",
  "browser": "Edge 123.0.0.0",
  "os": "Windows 10",
  "status": "1",
  "msg": "Login Success",
  "loginTime": 1712654055458
},
{
  "loginId": "1225",
  "userName": "admin",
  "ipaddr": "192.168.2.219",
  "loginLocation": "Intranet",
  "browser": "Edge 123.0.0.0",
  "os": "Windows 10",
  "status": "1",
  "msg": "Logout Successful",
  "loginTime": 1712654052696
},
{
  "loginId": "1224",
  "userName": "admin",
  "ipaddr": "192.168.2.219",
  "loginLocation": "Intranet",
  "browser": "Chrome 86.0.4240.198",
  "os": "Windows 10",
  "status": "1",
  "msg": "Login Success",
  "loginTime": 1712650911235
},
{
  "loginId": "1223",
```



```
"userName": "admin",
"ipaddr": "192.168.2.219",
"loginLocation": "Intranet",
"browser": "Edge 123.0.0.0",
"os": "Windows 10",
"status": "1",
"msg": "Login Success",
"loginTime": 1712642789872
},
{
  "loginId": "1222",
  "userName": "admin",
  "ipaddr": "192.168.2.219",
  "loginLocation": "Intranet",
  "browser": "Edge 123.0.0.0",
  "os": "Windows 10",
  "status": "1",
  "msg": "Login Success",
  "loginTime": 1712627115231
},
{
  "loginId": "1221",
  "userName": "admin",
  "ipaddr": "192.168.2.219",
  "loginLocation": "Intranet",
  "browser": "Chrome 86.0.4240.198",
  "os": "Windows 10",
  "status": "1",
  "msg": "Login Success",
  "loginTime": 1712627080393
},
{
  "loginId": "1220",
  "userName": "admin",
  "ipaddr": "192.168.2.219",
  "loginLocation": "Intranet",
  "browser": "Chrome 86.0.4240.198",
  "os": "Windows 10",
  "status": "1",
  "msg": "Login Success",
  "loginTime": 1712568712553
},
{
  "loginId": "1219",
  "userName": "admin",
  "ipaddr": "192.168.2.219",
  "loginLocation": "Intranet",
  "browser": "Chrome 86.0.4240.198",
  "os": "Windows 10",
  "status": "1",
  "msg": "Login Success",
  "loginTime": 1712562773610
}
],
"total": 1228
}
```

# Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

HTTP Status Code **200**

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» msg	string	true	none	none
» total	integer	true	none	none
» rows	[object]	true	none	none
»» infold	string	true	none	none
»» userName	string	true	none	none
»» ipaddr	string	true	none	none
»» loginLocation	string	true	none	none
»» browser	string	true	none	none
»» os	string	true	none	none
»» status	string	true	none	0 1Success
»» msg	string	true	none	none
»» loginTime	string	true	none	none

## POST export login access list

POST /system/log/login/export

The file stream is returned normally, and the response header is as follows

content-disposition: attachment;filename=logininfor\_export\_124\_1684076929742.xlsx  
content-length: 24305  
content-type: application/vnd.openxmlformats-officedocument.spreadsheetml.sheet

## Body Parameters

```
{  
  "ipaddr": "string",  
  "userName": "string",  
  "status": "string",  
  "beginTime": "string",  
  "endTime": "string",  
  "pageNum": 0,  
  "pageSize": 0  
}
```

## Params

Name	Location	Type	Required	Description
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token
body	body	object	no	none
» ipaddr	body	string	no	none
» userName	body	string	no	none
» status	body	string	no	0 failed 1 successful
» beginTime	body	string	no	none
» endTime	body	string	no	none
» pageNum	body	number	yes	none
» pageSize	body	number	yes	none

```
{
  "code": 500,
  "msg": "Export data record is empty"
}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

HTTP Status Code **200**

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» msg	string	true	none	none

## DELETE clean login access list

DELETE /system/log/login/clean

## Params

Name	Location	Type	Required	Description
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent

Name	Location	Type	Required	Description
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token

## Response Examples

### OK

```
{
  "code": 1,
  "msg": "success"
}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

### HTTP Status Code 200

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» msg	string	true	none	none

## PUT unlock login user

PUT /system/log/login/unlock/{userName}

## Params

Name	Location	Type	Required	Description
userName	path	string	yes	login name
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token

## Response Examples

### OK

```
{
  "code": 1,
  "msg": "success"
}
```

```
{
  "code": 0,
  "msg": "The user is not locked"
}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

### HTTP Status Code 200

Name	Type	Required	Restrictions	description
» code	integer	true	none	none

Name	Type	Required	Restrictions	description
» msg	string	true	none	none

## DELETE delete login user

DELETE /system/log/login/{infolds}

### Params

Name	Location	Type	Required	Description
infolds	path	string	yes	log ID, multiple can be separated by English commas
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token

#### Response Examples

##### OK

```
{
  "code": 1,
  "msg": "success"
}
```

```
{
  "code": 500,
  "msg": ""
}
```

# Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

HTTP Status Code **200**

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» msg	string	true	none	none

## System/Server monitoring information

### GET server service information

GET /monitor/system-info

### Params

Name	Location	Type	Required	Description
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token

Response Examples

OK



```
{
  "code": 1,
  "data": {
    "cpu": {
      "core": 20,
      "coreUsed": [
        "3.47",
        "1.48",
        "3.97",
        "1.62",
        "4.06",
        "2.07",
        "54.30",
        "1.85",
        "6.01",
        "0.02",
        "6.06",
        "0.02",
        "8.89",
        "22.90",
        "21.61",
        "23.85",
        "3.98",
        "3.40",
        "2.77",
        "3.22"
      ],
      "model": "13th Gen Intel(R) Core(TM) i7-1370P",
      "speed": "1900MHz"
    },
    "disk": [
      {
        "avail": "228.95GB",
        "pcent": "49.1%",
        "size": "449.81GB",
        "target": "C:",
        "used": "220.86GB"
      },
      {
        "avail": "449.88GB",
        "pcent": "10.2%",
        "size": "501.01GB",
        "target": "D:",
        "used": "51.13GB"
      },
      {
        "avail": "2.99GB",
        "pcent": "89.5%",
        "size": "28.37GB",
        "target": "T:",
        "used": "25.38GB"
      },
      {
        "avail": "2.99GB",
        "pcent": "89.5%",
        "size": "28.37GB",

```

```
    "target": "U:",
    "used": "25.38GB"
  },
  {
    "avail": "2.99GB",
    "pcent": "89.5%",
    "size": "28.37GB",
    "target": "V:",
    "used": "25.38GB"
  },
  {
    "avail": "3.63GB",
    "pcent": "84.2%",
    "size": "22.94GB",
    "target": "W:",
    "used": "19.31GB"
  },
  {
    "avail": "25.12GB",
    "pcent": "56.5%",
    "size": "57.79GB",
    "target": "X:",
    "used": "32.68GB"
  },
  {
    "avail": "14.61GB",
    "pcent": "50.3%",
    "size": "29.36GB",
    "target": "Y:",
    "used": "14.75GB"
  },
  {
    "avail": "4.40GB",
    "pcent": "84.2%",
    "size": "27.86GB",
    "target": "Z:",
    "used": "23.46GB"
  }
],
"memory": {
  "external": "16.66MB",
  "freemem": "5.25GB",
  "heapTotal": "105.09MB",
  "heapUsed": "32.09MB",
  "rss": "121.76MB",
  "totalmem": "31.69GB",
  "usage": "83.00"
},
"network": {
  "Bluetooth network connection": "IPv6 fe80::8f77:9546:473a:6147 / IPv4 169.254.232.174",
  "Ethernet": "IPv6 fd01:9495:228f::411 / IPv6 fd0e:192:168:4::119 / IPv6 fe80::f6bb:7d5f:bcb2:763b / IPv4 192.168.2.219",
  "Loopback Pseudo-Interface 1": "IPv6 ::1 / IPv4 127.0.0.1",
  "WLAN": "IPv6 fe80::cb34:45d6:7f13:a4a4 / IPv4 192.168.30.59",
  "vEthernet (WSL)": "IPv6 fe80::f3c2:72b3:9809:26dc / IPv4 172.20.144.1",
  "Local connection* 1": "IPv6 fe80::aef3:2c79:784e:8b21 / IPv4
```

```
169.254.40.119",
  "Local connection* 2": "IPv6 fe80::8a02:620c:ecf7:5622 / IPv4
169.254.114.138"
},
"system": {
  "arch": "x86_64",
  "archVersion": "10.0.22631.3374 Build 22631.3374",
  "bootTime": 1052280,
  "hostname": "simonzhangsz",
  "os": "windows",
  "platform": "Microsoft Windows 11 Home China",
  "platformVersion": "10.0.22631.3374 Build 22631.3374",
  "processId": 46412,
  "runArch": "amd64",
  "runTime": 206594,
  "runVersion": "go1.21.0"
},
"time": {
  "current": "2024-04-09 19:55:24",
  "timezone": "+0800 CST",
  "timezoneName": "CST"
}
},
"msg": "success"
}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

### HTTP Status Code 200

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» msg	string	true	none	none
» data	object	true	none	none
»» project	object	true	none	none
»»» appDir	string	true	none	none

Name	Type	Required	Restrictions	description
»»» env	string	true	none	none
»»» name	string	true	none	none
»»» version	string	true	none	none
»»» dependencies	object	false	none	none
»»»» xlsx	string	true	none	none
»» cpu	object	true	none	none
»»» model	string	true	none	none
»»» speed	string	true	none	none
»»» core	integer	true	none	none
»»» coreUsed	[string]	true	none	none
»» memory	object	true	none	none
»»» usage	string	true	none	none
»»» freemem	string	true	none	none
»»» totalmem	string	true	none	none
»»» rss	string	true	none	none
»»» heapTotal	string	true	none	none
»»» heapUsed	string	true	none	none
»»» external	string	true	none	none
»» network	object	false	none	none
»»» Ethernet 2	string	false	none	none
»»» Ethernet	string	false	none	none
»»» VirtualBox Host-Only Network	string	false	none	none
»»» Loopback Pseudo-Interface 1	string	false	none	none
»» time	object	true	none	none
»»» current	string	true	none	none

Name	Type	Required	Restrictions	description
»»» uptime	string	true	none	none
»»» timezone	string	true	none	none
»»» timezoneName	string	true	none	none
»» system	object	true	none	none
»»» platform	string	true	none	none
»»» node	string	true	none	none
»»» v8	string	true	none	none
»»» processId	integer	true	none	none
»»» arch	string	true	none	none
»»» uname	string	true	none	none
»»» release	string	true	none	none
»»» hostname	string	true	none	none
»»» homeDir	string	true	none	none
»»» cmd	string	true	none	none
»»» execCommand	string	true	none	none
»» disk	[object]	true	none	none
»»» size	string	true	none	none
»»» used	string	true	none	none
»»» avail	string	true	none	none
»»» pcent	string	true	none	none
»»» target	string	true	none	none

## GET load resource monitoring information

GET /monitor/load

# Params

Name	Location	Type	Required	Description
type	query	string	yes	type: all/cpu/memory/io/network
startTime	query	number	yes	start time - (milliseconds)
endTime	query	number	yes	end time - (milliseconds)
neType	query	string	no	ne type
neId	query	string	no	ne ID
name	query	string	no	names, valid for network and io
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token

## Response Examples

### OK

```
{
  "code": 1,
  "msg": "success",
  "data": {
    "project": {
      "appDir": "E:\\Self\\Projects\\mask_api_midwayjs",
      "env": "local",
      "name": "mask_api_midwayjs",
      "version": "0.0.5",
      "dependencies": {
        "@dropb/diskinfo": "^3.0.0",
        "@midwayjs/bootstrap": "^3.0.0",
        "@midwayjs/bull": "^3.0.0",
        "@midwayjs/core": "^3.0.0",
        "@midwayjs/decorator": "^3.0.0",
        "@midwayjs/jwt": "^3.0.0",
        "@midwayjs/koa": "^3.0.0",

```

```
    "@midwayjs/cross-domain": "^3.0.0",
    "@midwayjs/logger": "^2.0.0",
    "@midwayjs/redis": "^3.0.0",
    "@midwayjs/static-file": "^3.0.0",
    "@midwayjs/typeorm": "^3.0.0",
    "@midwayjs/upload": "^3.0.0",
    "cron-parser": "^4.0.0",
    "bcrypt": "^5.0.0",
    "dayjs": "^1.0.0",
    "mini-svg-data-uri": "^1.4.0",
    "mysql2": "^2.0.0",
    "nanoid": "^3.0.0",
    "svg-captcha": "^1.4.0",
    "typeorm": "^0.3.0",
    "ua-parser-js": "^1.0.0",
    "xlsx": "^0.18.0"
  }
},
"cpu": {
  "model": "Intel(R) Core(TM) i5-9400 CPU @ 2.90GHz",
  "speed": "2904MHz",
  "core": 6,
  "coreUsed": [
    "12.94",
    "16.88",
    "14.15",
    "14.48",
    "13.20",
    "15.08"
  ]
},
"memory": {
  "usage": "71.57",
  "freemem": "4.51GB",
  "totalmem": "15.88GB",
  "rss": "309.80MB",
  "heapTotal": "252.49MB",
  "heapUsed": "246.27MB",
  "external": "6.54MB"
},
"network": {
  "Ethernet": "IPv4 192.168.1.54 / IPv6 fe80::9906:92e5:b85e:3943",
  "VirtualBox Host-Only Network": "IPv4 192.168.56.1 / IPv6 fe80::74da:97e8:b5e8:2c78",
  "Loopback Pseudo-Interface 1": "IPv4 127.0.0.1 / IPv6 ::1"
},
"time": {
  "current": "2023-02-01 17:20:07",
  "uptime": "8h",
  "timezone": "GMT+0800",
  "timezoneName": "China Standard Time"
},
"system": {
  "platform": "win32",
  "node": "18.11.0",
  "v8": "10.2.154.15-node.12",
  "processId": 19988,
```

```

    "arch": "x64",
    "uname": "Windows_NT",
    "release": "10.0.19045",
    "hostname": "DESKTOP-QFRQUSF",
    "homeDir": "C:\\Users\\LC1234",
    "cmd": "E:\\Self\\Projects\\mask_api_midwayjs",
    "execCommand": "D:\\Program Files\\nodejs\\node.exe
E:\\Self\\Projects\\mask_api_midwayjs\\node_modules\\@midwayjs\\cli-plugin-
dev\\dist\\child.js
{\\\"baseDir\\\":\\\"E:\\\\Self\\\\\\\\Projects\\\\\\\\mask_api_midwayjs\\\\\\\\src\\\",\\\"_\\\":
[\\\"dev\\\"],\\\"ts\\\":true,\\\"npm\\\":\\\"npm --
registry=https://registry.npmirror.com\\\",\\\"layers\\\":[],\\\"port\\\":\\\"6275\\\"} -r
E:\\Self\\Projects\\mask_api_midwayjs\\node_modules\\ts-node\\register"
  },
  "disk": [
    {
      "size": "100.00GB",
      "used": "91.22GB",
      "avail": "8.78GB",
      "pcent": "92%",
      "target": "C:"
    },
    {
      "size": "174.00GB",
      "used": "114.02GB",
      "avail": "59.98GB",
      "pcent": "66%",
      "target": "D:"
    },
    {
      "size": "173.12GB",
      "used": "138.62GB",
      "avail": "34.50GB",
      "pcent": "81%",
      "target": "E:"
    }
  ]
}
}
}

```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

HTTP Status Code **200**



<b>Name</b>	<b>Type</b>	<b>Required</b>	<b>Restrictions</b>	<b>description</b>
» code	integer	true	none	none
» msg	string	true	none	none
» data	object	true	none	none
»» project	object	true	none	none
»»» appDir	string	true	none	none
»»» env	string	true	none	none
»»» name	string	true	none	none
»»» version	string	true	none	none
»»» dependencies	object	false	none	none
»»»» xlsx	string	true	none	none
»» cpu	object	true	none	none
»»» model	string	true	none	none
»»» speed	string	true	none	none
»»» core	integer	true	none	none
»»» coreUsed	[string]	true	none	none
»» memory	object	true	none	none
»»» usage	string	true	none	none
»»» freemem	string	true	none	none
»»» totalmem	string	true	none	none
»»» rss	string	true	none	none
»»» heapTotal	string	true	none	none
»»» heapUsed	string	true	none	none
»»» external	string	true	none	none
»» network	object	false	none	none
»»» Ethernet 2	string	false	none	none
»»» Ethernet	string	false	none	none

Name	Type	Required	Restrictions	description
»»» VirtualBox Host-Only Network	string	false	none	none
»»» Loopback Pseudo-Interface 1	string	false	none	none
»» time	object	true	none	none
»»» current	string	true	none	none
»»» uptime	string	true	none	none
»»» timezone	string	true	none	none
»»» timezoneName	string	true	none	none
»» system	object	true	none	none
»»» platform	string	true	none	none
»»» node	string	true	none	none
»»» v8	string	true	none	none
»»» processId	integer	true	none	none
»»» arch	string	true	none	none
»»» uname	string	true	none	none
»»» release	string	true	none	none
»»» hostname	string	true	none	none
»»» homeDir	string	true	none	none
»»» cmd	string	true	none	none
»»» execCommand	string	true	none	none
»» disk	[object]	true	none	none
»»» size	string	true	none	none
»»» used	string	true	none	none
»»» avail	string	true	none	none
»»» pcent	string	true	none	none
»»» target	string	true	none	none

# General APIs

## GET Default Home Page

GET /

### Params

Name	Location	Type	Required	Description
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token

### Response Examples

OK

```
{
  "code": 1,
  "msg": "Welcome to the CN EMS Core Network Management Platform, current version:
2.2404.6, please access via the frontend address."
}
```

### Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

### Responses Data Schema

HTTP Status Code **200**

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» msg	string	true	none	none

## GET Captcha Code

GET /captchalmage

Captcha code valid for 2 minutes

## Params

Name	Location	Type	Required	Description
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token

### Response Examples

OK

```
{
  "code": 1,
  "msg": "success",
  "captchaEnabled": true,
  "uuid": "os0t2l1532dhuvqv",
  "img": "data:image/svg+xml,%3csvg xmlns='http://www.w3.org/2000/svg' width='120'
height='40' viewBox='0%2c0%2c120%2c40'%3e%3crect width='100%25' height='100%25'
fill='%23fafafa'/%3e%3cpath fill='%2364e6e6' d='M62.19 26.62L62.24 26.67L62.16
26.59Q65.43 27.87 69.20 27.87L69.20 27.88L69.26 27.94Q70.89 27.97 72.45 27.75L72.42
27.71L72.32 27.61Q71.98 28.18 71.33 29.36L71.26 29.29L71.29 29.32Q71.92 29.46 72.60
29.23L72.65 29.27L72.49 29.11Q72.23 30.03 72.23 30.83L72.28 30.89L72.19 30.79Q72.19
31.52 72.46 32.24L72.54 32.32L72.51 32.29Q70.98 31.95 69.20 31.99L69.29 32.08L69.23
32.02Q67.58 32.12 66.17 32.39L66.17 32.39L66.03 32.25Q66.46 31.46 66.35 30.47L66.36
30.48L66.36 30.49Q66.19 30.62 65.97 30.58L65.86 30.48L65.87 30.49Q65.69 30.47 65.39
30.47L65.37 30.44L65.49 30.57Q65.20 28.71 62.15 26.58ZM65.45 29.99L65.54
30.08L65.51 30.05Q67.04 30.25 68.18 30.21L68.22 30.25L68.13 30.16Q70.97 30.30 70.97
```

30.30L70.96 30.28L70.83 30.16Q71.02 29.20 71.74 28.18L71.68 28.11L71.59 28.03Q70.56  
28.29 69.38 28.29L69.45 28.36L69.38 28.29Q66.36 28.35 63.47 27.40L63.43 27.36L63.37  
27.30Q65.24 28.64 65.62 30.17ZM65.12 30.77L65.19 30.84L65.23 30.87Q65.53 30.79  
66.21 30.83L66.19 30.81L66.15 30.77Q66.09 31.89 65.56 32.65L65.56 32.66L65.59  
32.69Q67.19 32.57 67.03 32.57L67.07 32.60L67.07 32.60Q66.49 33.54 65.73 34.31L65.65  
34.22L65.68 34.26Q67.75 33.97 69.69 33.97L69.55 33.83L69.64 33.91Q74.20 33.87 78.31  
35.58L78.40 35.67L75.97 34.31L75.83 34.16Q73.52 32.73 73.52 30.52L73.38 30.39L73.46  
30.46Q73.14 30.45 72.88 30.45L72.98 30.55L72.52 30.63L72.40 30.51Q72.58 29.78 73.15  
28.83L73.13 28.81L73.05 28.72Q72.58 28.75 71.63 28.94L71.80 29.11L71.65 28.96Q72.26  
28.05 73.25 27.29L73.21 27.25L73.11 27.15Q71.26 27.58 69.24 27.58L69.32 27.66L69.18  
27.52Q64.54 27.64 60.77 25.77L60.70 25.70L60.78 25.78Q65.14 28.39 65.25  
30.90ZM66.06 29.73L66.15 29.82L65.84 29.78L65.93 29.86Q65.64 29.61 65.53  
29.61L65.71 29.79L65.72 29.80Q65.53 29.23 65.15 28.82L64.97 28.64L64.22 27.77L64.27  
27.82Q66.75 28.66 69.49 28.66L69.36 28.54L69.46 28.64Q70.16 28.50 71.03 28.42L71.14  
28.52L70.96 28.84L70.75 29.05L70.74 29.04Q69.46 29.09 68.17 29.06L68.18 29.06L68.33  
29.22Q66.91 29.10 65.62 28.83L65.53 28.74L65.68 28.88Q66.05 29.26 66.20  
29.87Z'/%3e%3cpath fill='%2371ade8' d='M44.80 18.31L44.89 18.39L44.82 18.33Q41.80  
18.50 39.97 17.43L39.85 17.31L39.91 17.37Q42.41 15.99 47.28 11.77L47.20 11.68L47.21  
11.69Q47.93 11.50 49.23 10.89L49.37 11.03L49.19 10.85Q47.99 16.93 47.88 23.28L47.82  
23.23L47.74 23.15Q47.66 29.54 48.72 35.63L48.88 35.78L48.77 35.68Q47.12 34.97 44.98  
34.86L45.00 34.87L44.91 34.78Q44.95 30.79 44.95 26.71L44.85 26.62L44.84 26.60Q44.89  
22.55 44.93 18.43ZM44.49 20.62L44.51 35.22L44.60 35.31Q45.66 35.15 46.61  
35.34L46.63 35.36L46.75 35.48Q46.71 36.05 46.90 37.42L46.91 37.43L46.92 37.44Q49.78  
37.98 52.21 40.22L52.28 40.29L52.29 40.30Q49.82 33.19 49.79 25.73L49.66 25.60L49.66  
25.60Q49.66 18.22 51.49 10.98L51.52 11.02L51.56 11.05Q50.92 11.37 49.32 12.47L49.37  
12.52L49.39 12.53Q49.53 11.73 49.84 10.21L49.89 10.26L49.86 10.23Q48.47 10.94 47.02  
11.32L47.11 11.40L47.16 11.45Q43.30 14.94 39.00 17.22L39.01 17.23L38.93 17.16Q40.33  
18.25 42.69 18.59L42.75 18.65L42.72 18.62Q42.05 19.13 40.76 20.20L40.80 20.24L40.77  
20.21Q42.38 20.71 44.58 20.71L44.48 20.61Z'/%3e%3cpath fill='%23328ce5' d='M21.38  
18.49L21.29 18.40L21.25 18.35Q18.06 18.36 16.23 17.29L16.30 17.36L16.32 17.39Q18.86  
16.04 23.73 11.82L23.69 11.77L23.72 11.80Q24.32 11.48 25.61 10.87L25.68 10.95L25.67  
10.93Q24.27 16.80 24.15 23.16L24.27 23.28L24.25 23.25Q24.08 29.55 25.14 35.65L25.24  
35.75L25.26 35.76Q23.44 34.90 21.31 34.78L21.45 34.93L21.33 34.80Q21.30 30.73 21.30  
26.66L21.32 26.68L21.30 26.66Q21.18 22.44 21.22 18.33ZM21.01 20.74L20.85  
35.16L20.88 35.19Q22.20 35.29 23.15 35.48L23.18 35.51L23.02 35.35Q23.15 36.09 23.34  
37.46L23.40 37.53L23.34 37.46Q26.25 38.05 28.68 40.29L28.73 40.34L28.57 40.18Q26.18  
33.15 26.15 25.69L26.07 25.61L26.20 25.74Q26.00 18.15 27.82 10.92L27.83 10.92L27.98  
11.08Q27.25 11.30 25.65 12.40L25.78 12.53L25.79 12.54Q25.94 11.73 26.24 10.21L26.19  
10.16L26.21 10.19Q24.96 11.03 23.51 11.41L23.43 11.32L23.48 11.37Q19.71 14.95 15.41  
17.23L15.40 17.22L15.37 17.19Q16.80 18.32 19.16 18.66L19.09 18.60L19.19 18.70Q18.48  
19.16 17.18 20.22L17.13 20.18L17.27 20.32Q18.61 20.55 20.82 20.55L20.86  
20.59Z'/%3e%3cpath fill='%23ea5b7f' d='M99.33 32.82L99.48 32.98L99.49 32.99Q99.70  
33.88 100.23 35.90L100.26 35.93L100.19 35.86Q95.96 34.53 91.36 34.79L91.43  
34.87L91.36 34.79Q86.86 35.13 82.86 37.11L82.93 37.18L82.77 37.02Q83.04 36.37 83.08  
36.45L83.03 36.40L83.12 36.49Q86.76 32.44 90.68 28.03L90.81 28.15L90.75 28.10Q95.13  
23.07 96.31 18.39L96.27 18.35L96.37 18.45Q96.79 16.66 95.52 15.48L95.57 15.53L95.51  
15.48Q94.32 14.38 92.53 14.53L92.55 14.55L92.54 14.55Q92.19 14.49 91.85 14.49L91.78  
14.43L91.82 14.47Q90.33 14.50 89.08 15.42L88.92 15.26L89.03 15.38Q87.75 16.75 87.97  
19.42L87.92 19.37L88.00 19.44Q86.06 18.95 84.84 18.50L84.84 18.49L84.86 18.51Q84.76  
17.19 84.68 15.75L84.69 15.75L84.77 15.83Q84.61 14.11 85.22 12.97L85.20 12.95L85.12  
12.87Q87.02 11.61 90.37 11.61L90.36 11.60L92.10 11.59L92.14 11.63Q94.30 11.54 95.25  
11.66L95.24 11.65L95.25 11.65Q99.69 12.18 99.96 14.61L99.85 14.51L99.95  
14.61Q100.04 15.19 99.96 15.99L99.88 15.90L100.03 16.05Q99.98 16.69 99.83  
17.37L99.82 17.37L99.67 17.22Q98.08 25.38 90.51 32.23L90.53 32.26L90.51 32.23Q91.96  
32.12 93.33 32.12L93.30 32.09L93.29 32.08Q96.57 32.13 99.43 32.93ZM98.92  
12.16L98.80 12.04L98.93 12.17Q97.17 11.37 95.46 11.29L95.53 11.37L92.18 11.25L92.06  
11.13Q87.59 10.85 85.38 11.96L85.41 11.98L85.34 11.91Q84.31 13.32 84.31 15.38L84.34

```
15.40L84.44 15.51Q84.32 16.07 84.63 18.89L84.76 19.02L84.72 18.98Q85.24 19.19 86.42
19.50L86.39 19.47L86.47 20.58L86.37 20.48Q86.42 21.03 86.50 21.56L86.48 21.54L86.42
21.48Q87.75 21.67 90.23 21.90L90.24 21.92L90.11 21.79Q90.23 21.56 90.23 21.22L90.21
21.20L90.17 21.16Q90.16 19.32 91.37 17.96L91.45 18.04L91.47 18.06Q92.64 16.66 94.43
16.78L94.36 16.71L94.33 16.67Q95.20 16.82 95.96 16.97L95.93 16.94L95.93 16.94Q95.99
17.27 96.06 17.69L96.08 17.71L96.00 17.62Q96.11 18.11 96.03 18.46L95.97 18.39L96.15
18.57Q94.71 23.15 90.30 27.99L90.36 28.05L90.40 28.09Q88.21 30.27 82.76 36.33L82.77
36.33L82.78 36.35Q82.53 37.12 82.18 37.69L82.19 37.70L82.23 37.73Q83.92 36.95 85.45
36.42L85.31 36.28L85.46 36.43Q84.62 36.88 83.67 38.37L83.80 38.50L83.77 38.47Q83.69
38.85 83.57 39.19L83.52 39.14L83.49 39.10Q88.27 36.96 93.76 37.15L93.88 37.28L93.90
37.29Q99.62 37.50 104.19 39.86L104.12 39.79L103.17 37.70L103.03 37.56Q102.53 36.37
102.26 35.57L102.12 35.43L102.24 35.55Q101.46 35.08 100.24 34.66L100.30
34.71L100.21 34.63Q100.03 33.87 99.65 32.50L99.78 32.63L99.64 32.49Q97.40 31.89
95.12 31.70L95.17 31.75L95.13 31.71Q99.98 27.32 101.51 19.05L101.48 19.03L101.62
16.09L101.67 16.13Q101.59 14.34 100.37 13.66L100.31 13.59L100.27 13.59L100.27
13.59Q100.18 13.47 100.11 13.47L100.09 13.45L100.11 13.47Q100.01 12.76 98.91
12.15Z'/%3e%3cpath d='M14 30 C59 18%2c65 9%2c110 17' stroke='%2363ddd'
fill='none'/%3e%3cpath d='M13 24 C48 26%2c39 6%2c107 9' stroke='%23de77c4'
fill='none'/%3e%3cpath d='M12 11 C50 25%2c80 39%2c113 8' stroke='%23e593bc'
fill='none'/%3e%3cpath d='M19 17 C43 30%2c51 8%2c109 8' stroke='%23ddc16d'
fill='none'/%3e%3c/svg%3e"
}
```

```
{
  "code": 1,
  "msg": "success",
  "text": "9",
  "captchaEnabled": true,
  "uuid": "s7hf2j3erfprity",
  "img": "data:image/svg+xml,%3csvg xmlns='http://www.w3.org/2000/svg' width='120'
height='40' viewBox='0%2c0%2c120%2c40'%3e%3crect width='100%25' height='100%25'
fill='%23fafafa'/%3e%3cpath fill='%23ec73ce' d='M85.44 24.04L85.53 24.13L85.51
24.11Q83.59 23.90 82.35 25.33L82.43 25.40L82.43 25.41Q81.15 26.79 80.96 28.70L81.02
28.76L81.00 28.73Q80.82 30.84 81.91 31.81L81.97 31.87L81.87 31.78Q83.04 32.83 85.13
32.72L84.98 32.56L85.02 32.61Q87.16 32.50 88.26 31.81L88.29 31.84L88.27 31.82Q89.38
30.68 89.38 29.12L89.37 29.11L89.44 29.19Q89.37 28.73 89.30 28.35L89.35 28.41L89.39
28.44Q89.39 26.69 88.28 25.34L88.23 25.29L88.35 25.40Q87.20 24.01 85.52
24.12ZM85.09 35.22L85.17 35.31L85.10 35.24Q80.72 35.24 79.32 34.48L79.34
34.50L79.28 34.44Q78.32 33.75 78.13 32.04L78.05 31.96L78.03 31.93Q78.01 31.27 78.05
30.55L78.11 30.61L78.16 30.65Q78.27 29.66 78.27 29.21L78.24 29.17L78.13 29.06Q78.70
26.32 78.85 25.64L78.79 25.57L78.85 25.64Q79.36 23.75 80.20 22.34L80.18 22.33L80.01
22.15Q82.70 17.80 88.64 11.44L88.62 11.42L88.67 11.48Q91.34 11.17 93.55 10.37L93.58
10.41L93.62 10.44Q86.67 17.81 83.47 22.04L83.47 22.03L83.48 22.04Q84.46 21.53 85.75
21.53L85.86 21.64L85.82 21.60Q89.14 21.61 90.67 23.56L90.71 23.60L90.75 23.64Q91.92
25.12 92.26 28.66L92.27 28.66L92.29 28.68Q92.39 29.43 92.39 30.04L92.36 30.01L92.47
30.12Q92.44 33.21 90.23 34.28L90.23 34.28L90.26 34.30Q88.98 34.86 85.10
35.24ZM87.47 37.72L87.43 37.68L87.35 37.60Q88.60 37.52 90.58 37.60L90.71
37.72L90.71 37.73Q92.28 37.73 93.84 37.01L93.93 37.09L93.82 36.99Q94.99 36.26 94.99
34.47L94.96 34.43L95.01 34.49Q95.03 34.01 94.86 33.02L94.88 33.04L94.82 32.98Q94.56
31.91 94.56 31.45L94.60 31.49L94.54 31.43Q93.75 26.79 92.15 24.88L92.04 24.78L92.07
24.81Q92.00 24.70 91.85 24.47L91.90 24.52L91.66 24.36L91.50 24.24L91.51 24.25Q91.11
23.69 90.50 22.74L90.55 22.79L90.49 22.74Q89.6921.89 87.71 21.44L87.64 21.36L87.62
21.35Q88.95 19.86 91.92 16.17L91.82 16.07L96.16 10.89L96.12 10.85Q94.61 11.77 92.21
12.53L92.15 12.47L92.19 12.52Q93.08 11.51 94.87 9.53L94.82 9.48L94.81 9.46Q92.46
10.58 88.58 11.15L88.59 11.17L88.58 11.16Q82.94 17.12 79.97 22.07L79.85 21.95L79.89
```

21.99Q78.41 24.55 77.84 30.79L77.84 30.79L77.72 30.67Q77.67 31.27 77.74 32.22L77.69  
32.17L77.72 32.20Q77.90 34.05 79.00 34.96L78.95 34.91L78.92 34.88Q79.37 35.10 79.33  
35.14L79.29 35.10L79.36 35.17Q79.71 36.05 80.51 36.47L80.42 36.38L80.50 36.46Q81.90  
37.10 83.84 37.29L83.84 37.29L83.85 37.30Q83.79 37.24 87.30 37.54ZM87.11  
26.36L87.10 26.35L87.17 26.41Q87.77 26.33 88.72 26.83L88.63 26.74L88.77 26.87Q88.99  
27.71 88.99 28.36L88.94 28.30L89.00 28.37Q89.12 30.16 88.17 31.15L88.28 31.26L88.28  
31.26Q87.16 31.92 85.06 32.23L85.15 32.32L85.11 32.28Q83.59 32.20 83.05 31.93L83.20  
32.08L83.03 31.91Q82.84 31.45 82.84 31.15L82.85 31.16L83.00 31.31Q82.76 28.03 85.69  
26.73L85.62 26.66L85.62 26.65Q86.45 26.39 87.22 26.46Z'/%3e%3cpath d='M10 16 C70  
25%2c49 8%2c114 10' stroke='%2378c4dd' fill='none'/%3e%3cpath fill='%23d24065'  
d='M23.39 35.44L23.31 35.35L23.31 35.35Q21.80 35.33 20.24 34.91L20.24 34.91L20.26  
34.93Q19.14 34.12 18.99 32.48L18.89 32.38L18.88 32.38Q18.97 32.31 19.16 29.68L19.17  
29.69L19.07 29.59Q20.06 29.37 22.08 28.99L22.06 28.97L21.89 29.75L22.00 29.86Q21.69  
31.57 23.10 32.14L23.15 32.19L23.18 32.22Q23.98 32.57 26.08 32.57L26.01 32.50L25.93  
32.42Q27.52 32.26 27.71 32.18L27.87 32.35L27.76 32.23Q28.67 32.08 29.39 31.58L29.52  
31.71L29.51 31.70Q30.85 30.68 30.66 28.59L30.61 28.54L30.60 28.52Q30.46 26.14 28.73  
24.58L28.78 24.63L28.81 24.66Q27.08 23.10 24.61 23.10L24.60 23.09L24.53 22.79L24.55  
22.81Q24.82 22.67 25.69 22.59L25.87 22.76L25.67 22.57Q27.66 22.53 29.03 21.30L29.07  
21.34L28.97 21.24Q30.46 20.12 30.61 18.26L30.65 18.29L30.63 18.27Q30.61 17.84 30.61  
17.50L30.70 17.58L30.61 17.49Q30.67 16.03 29.29 15.11L29.30 15.12L29.23 15.05Q28.02  
14.25 26.42 14.37L26.39 14.34L26.38 14.33Q25.06 14.15 23.84 14.57L23.94 14.67L23.85  
14.58Q22.55 15.25 22.24 16.40L22.11 16.26L22.21 16.37Q21.98 17.09 22.06 17.85L22.16  
17.96L22.17 17.96Q21.02 17.62 18.97 16.89L18.89 16.82L18.91 16.83Q18.81 15.28 18.85  
14.45L18.82 14.42L18.84 14.44Q18.83 12.80 19.90 12.11L20.08 12.29L19.99 12.20Q21.48  
11.67 23.08 11.67L22.93 11.53L22.93 11.53Q26.17 11.57 29.33 11.84L29.29 11.79L29.34  
11.85Q34.43 12.29 34.12 16.06L34.06 16.00L34.04 15.97Q34.00 17.50 33.51 19.06L33.59  
19.14L33.55 19.10Q32.65 22.20 30.29 23.12L30.22 23.04L30.14 22.97Q32.90 23.63 33.51  
26.98L33.50 26.97L33.50 26.97Q33.63 28.02 33.71 30.03L33.80 30.12L33.74 30.06Q33.91  
34.53 29.30 34.99L29.30 34.99L29.40 35.09Q28.57 35.06 23.28 35.33ZM28.53  
37.60L28.57 37.65L28.41 37.49Q29.16 37.66 32.01 37.74L31.88 37.61L32.06 37.79Q33.81  
37.86 35.45 37.22L35.45 37.22L35.35 37.11Q36.46 36.10 36.27 34.35L36.41 34.49L36.29  
34.36Q36.31 33.16 36.00 31.41L35.88 31.29L35.94 31.36Q35.18 26.82 33.24 25.19L33.21  
25.16L33.10 24.86L33.06 24.78L32.98 24.69Q34.87 23.39 35.63 19.01L35.50 18.88L35.45  
18.84Q35.57 18.46 35.69 17.51L35.78 17.61L35.65 17.47Q35.78 16.76 35.70 16.08L35.80  
16.17L35.71 16.08Q35.63 14.48 34.33 13.79L34.34 13.80L34.17 13.71L34.22 13.76Q33.85  
12.70 32.71 12.17L32.80 12.26L32.68 12.14Q31.11 11.41 25.97 11.11L26.08 11.21L25.99  
11.12Q24.41 11.14 22.81 11.14L22.83 11.16L22.87 11.20Q21.14 11.07 19.62 11.72L19.76  
11.86L19.73 11.83Q18.52 12.60 18.52 14.35L18.51 14.34L18.41 14.24Q18.40 13.81 18.67  
17.16L18.78 17.28L18.69 17.19Q18.99 17.26 20.63 17.87L20.60 17.84L20.62 17.86Q20.76  
18.53 20.72 19.02L20.54 18.84L20.73 19.03Q20.54 19.34 20.58 19.87L20.63 19.93L20.66  
19.95Q22.51 20.39 24.53 20.51L24.57 20.55L24.39 20.37Q24.38 18.42 25.48 17.58L25.50  
17.59L25.44 17.54Q26.27 16.89 28.29 16.66L28.41 16.78L28.39 16.76Q29.52 16.75 30.09  
16.94L30.06 16.90L30.08 16.92Q30.15 17.07 30.19 17.19L30.05 17.05L30.20 17.39L30.27  
17.92L30.23 17.88Q30.30 18.13 30.26 18.28L30.18 18.21L30.31 18.34Q30.19 20.01 28.67  
21.19L28.59 21.10L28.57 21.09Q27.71 22.06 25.69 22.25L25.72 22.28L25.69 22.24Q25.04  
22.47 24.17 22.47L24.11 22.42L24.00 22.30Q24.03 22.64 24.19 23.33L24.35 23.49L24.35  
23.50Q26.11 23.50 27.56 24.23L27.50 24.16L27.36 24.14L25.79 24.32L25.76 24.29Q25.76  
24.59 25.87 25.20L26.02 25.36L25.90 25.23Q28.07 25.19 29.78 26.53L29.72 26.46L29.85  
26.59Q30.02 26.92 30.33 28.55L30.36 28.59L30.35 28.58Q30.47 31.44 27.54 31.85L27.69  
32.01L27.61 31.92Q25.48 32.16 24.91 32.12L24.88 32.09L24.98 32.19Q24.46 32.02 23.93  
31.94L23.99 32.00L23.91 31.47L24.12 31.10L24.16 30.73L24.16 30.38L24.18 30.40Q23.17  
30.42 22.37 30.61L22.44 30.68L22.41 30.65Q22.35 30.40 22.35 30.21L22.43 30.29L22.42  
30.28Q22.46 30.09 22.46 29.86L22.33 29.73L22.34 29.74Q22.44 29.39 22.59 28.67L22.57  
28.64L22.66 28.73Q20.80 28.96 18.93 29.30L18.88 29.26L18.80 29.18Q18.85 29.72 18.74  
30.84L18.80 30.91L18.66 30.76Q18.64 31.99 18.64 32.59L18.55 32.50L18.55 32.50Q18.70  
34.63 20.07 35.39L20.08 35.40L20.01 35.33Q21.56 37.68 26.28 37.49L26.31 37.52L26.24  
37.45Q27.06 37.51 28.59 37.66Z'/%3e%3cpath d='M13 4 C51 9%2c65 6%2c110 4'

```
stroke='%237590df' fill='none'/%3e%3cpath fill='%23d24b4b' d='M57.55 34.48L57.61
34.54L57.53 34.46Q56.76 34.34 56.08 34.38L56.14 34.44L56.20 34.50Q55.53 34.63 54.85
34.63L54.68 34.47L54.66 34.45Q55.13 31.03 55.13 27.61L55.18 27.66L55.14 27.61Q53.29
27.63 52.37 27.63L52.57 27.82L52.48 27.73Q51.54 27.64 49.72 27.56L49.69 27.54L49.80
27.64Q49.90 27.44 49.71 24.97L49.65 24.91L49.57 24.82Q52.15 25.39 55.12 25.39L55.18
25.45L55.19 25.46Q54.81 20.93 54.39 18.34L54.48 18.43L54.56 18.51Q55.36 18.62 56.16
18.62L56.03 18.49L57.67 18.50L57.78 18.61Q57.44 22.76 57.44 25.35L57.58 25.49L57.45
25.36Q59.72 25.46 62.92 25.12L62.84 25.04L62.84 25.03Q62.75 26.40 62.75 27.61L62.81
27.68L62.69 27.56Q62.58 27.71 61.78 27.75L61.75 27.72L61.70 27.66Q60.68 27.63 60.07
27.67L60.01 27.62L60.07 27.68Q60.10 27.71 57.44 27.71L57.51 27.78L57.34 31.04L57.51
31.21Q57.46 32.79 57.57 34.50ZM63.36 24.64L63.33 24.62L63.27 24.55Q61.46 24.95
59.59 25.03L59.54 24.98L59.53 24.97Q59.78 21.82 60.19 19.96L60.18 19.94L60.22
19.98Q59.51 20.03 58.10 20.18L58.10 20.18L58.31 18.15L58.19 18.03Q55.69 18.15 54.01
18.04L54.01 18.04L54.02 18.05Q54.54 21.12 54.73 25.00L54.70 24.97L54.67 24.94Q52.99
24.97 49.30 24.36L49.20 24.27L49.30 24.37Q49.53 25.51 49.53 28.14L49.55 28.16L51.02
28.11L50.96 28.05Q51.07 28.88 50.92 30.29L50.86 30.23L54.76 29.90L54.85 29.99Q54.64
33.17 54.34 35.00L54.38 35.04L54.33 34.99Q55.05 34.95 56.45 34.83L56.56 34.93L56.49
34.86Q56.55 35.62 56.52 36.95L56.41 36.85L56.39 36.83Q56.88 36.78 60.50 36.93L60.59
37.02L60.50 36.94Q59.71 33.98 59.48 30.02L59.38 29.92L59.45 29.99Q62.82 30.12 64.91
30.50L64.93 30.52L64.79 30.38Q64.61 29.43 64.61 28.48L64.58 28.46L64.74 26.71L64.69
26.66Q64.46 26.66 63.93 26.70L63.98 26.75L63.08 26.65L63.05 26.62Q63.09 25.86 63.20
24.49Z'/%3e%3cpath d='M6 19 C52 21%2c78 16%2c107 21' stroke='%2383ebb7'
fill='none'/%3e%3cpath d='M8 38 C57 34%2c69 37%2c109 30' stroke='%237baddf'
fill='none'/%3e%3c/svg%3e"
}
```

```
{
  "captchaEnabled": false,
  "code": 1,
  "msg": "success"
}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

### HTTP Status Code 200

Name	Type	Required	Restrictions	description
» code	number	true	none	none



Name	Type	Required	Restrictions	description
» msg	string	true	none	none
» text	string	false	none	Only return in development mode
» captchaEnabled	boolean	true	none	none
» uuid	string	true	none	none
» img	string	true	none	none

## GET System Configuration

GET /sys-conf

### Params

Name	Location	Type	Required	Description
Authorization	header	string	yes	Authoirzation token
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token

### Response Examples

OK

```
{
  "code": 1,
  "data": {
    "buildTime": "-",
    "copyright": "Copyright ©2023 AGrandTech",
    "filePathBrand": "/static/logo/{language}_brand.png",
    "filePathIcon": "/static/logo/{language}_icon.png",
    "goVer": "-",
    "helpDoc": "/static/helpDoc/{language}_doc.pdf",
    "i18nDefault": "en_US",
    "i18nOpen": "true",
    "loginBackground": "#",
    "logoType": "icon",
  }
}
```

```

    "officialUrl": "#",
    "registerUser": "false",
    "serialNum": "-",
    "title": "AGrandEMS",
    "version": "-"
  },
  "msg": "success"
}

```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

### HTTP Status Code 200

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» msg	string	true	none	none
» data	[object]	true	none	none
»» name	string	true	none	none
»» path	string	true	none	none
»» component	string	true	none	none
»» meta	object	true	none	none
»»» icon	string	true	none	none
»»» title	string	true	none	none
»»» hide	boolean	true	none	none
»»» cache	boolean	true	none	none
»»» target	string!null	true	nonenone	
»» redirect	string	false	none	none

Name	Type	Required	Restrictions	description
»» children	[object]	false	none	none
»»» name	string	true	none	none
»»» path	string	true	none	none
»»» component	string	true	none	none
»»» meta	object	true	none	none
»»»» icon	string	true	none	none
»»»» title	string	true	none	none
»»»» hide	boolean	true	none	none
»»»» cache	boolean	true	none	none
»»»» target	string!null	true	none	none

## POST Upload help document

POST /helpDoc

### Body Parameters

```
{
  "uploadPath": "string",
  "language": "string"
}
```

## Params

Name	Location	Type	Required	Description
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9

Name	Location	Type	Required	Description
AccessToken	header	string	no	Access token
body	body	object	no	none
» uploadPath	body	string	yes	none
» language	body	string	yes	none

## Response Examples

### OK

```
{
  "code": 1,
  "data": "/static/helpDoc/omc_guide.pdf",
  "msg": "success"
}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

### HTTP Status Code 200

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» msg	string	true	none	none

## General APIs/File operation

### POST upload file

## Body Parameters

```
file: file:///D:\Downloads\WPS_Setup_16417.exe
subPath: "{% mock 'pick' , ['default', 'avatar', 'import', 'export', 'common',
'download', 'chunk'] %}"
```

## Params

Name	Location	Type	Required	Description
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token
body	body	object	no	none
» file	body	string(binary)	yes	upload file
» subPath	body	string	yes	sub path: ['default', 'avatar', 'import', 'export', 'common', 'download', 'chunk']

## Response Examples

## OK

```
{
  "code": 1,
  "msg": "success",
  "data": {
    "url":
"http://127.0.0.1:6275/upload/common/2023/05/o_1d2bofn8f19dh5s11okpje61miiq526uqv.png",
    "fileName":
"/upload/common/2023/05/o_1d2bofn8f19dh5s11okpje61mi1_iq526uqv.png",
    "newFileName": "o_1d2bofn8f19dh5s11okpje611_iq526uqv.png",
```

```
"originalFileName": "o_1d2bofn8f19dh5s11okpje61mi1.png"
}
```

```
{
  "code": 0,
  "msg": "maximum upload file size 10.00MB"
}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

### HTTP Status Code 200

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» msg	string	true	none	none
» data	object	true	none	none
»» url	string	true	none	none
»» fileName	string	true	none	none
»» newFileName	string	true	none	none
»» originalFileName	string	true	none	none

## POST check chunk file

### POST /file/chunkCheck

#### Body Parameters

```
{
  "identifier": "string",
  "fileName": "string"
}
```

## Params

Name	Location	Type	Required	Description
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token
body	body	object	no	none
» identifier	body	string	yes	MD5
» fileName	body	string	yes	check if file types allow uploading

### Response Examples

#### Ok

```
{
  "code": 1,
  "msg": "success",
  "data": []
}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	Ok	Inline

# Responses Data Schema

HTTP Status Code **200**

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» msg	string	true	none	none
» data	[string]	true	none	none

## POST upload chunk file

POST /file/chunkUpload

```
// upload form data
const formData = new FormData();
formData.append('file', chunk, 'xxx.pdf');
formData.append('index', chunksIndex);
formData.append('identifier', fileIdentifier);
```

Chunk is the data for file blocks, and the name of the uploaded file needs to be suffixed

### Body Parameters

```
file: string
index: "{% mock 'increment' %}"
identifier: "{% mock 'id' %}"
```

## Params

Name	Location	Type	Required	Description
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent



Name	Location	Type	Required	Description
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token
body	body	object	no	none
» file	body	string(binary)	yes	file block Blob object, file name needs to be suffixed
» index	body	string	yes	number of file blocks
» identifier	body	string	yes	file block directory identifier

## Response Examples

OK

```
{
  "code": 1,
  "msg": "success",
  "data": "/upload/chunk/2023/06/identifier/index"
}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
206	<a href="#">Partial Content</a>	OK	Inline

## Responses Data Schema

HTTP Status Code **206**

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» msg	string	true	none	none
» data	string	true	none	none

# POST Merge chunk file

POST /file/chunkMerge

## Body Parameters

```
{
  "identifier": "string",
  "fileName": "string",
  "subPath": "string"
}
```

## Params

Name	Location	Type	Required	Description
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token
body	body	object	no	none
» identifier	body	string	yes	MD5(file name + file size)
» fileName	body	string	yes	Check if the suffix allows uploading
» subPath	body	string	yes	option ['default', 'avatar', 'import', 'export', 'common', 'download', 'chunk']

## Response Examples

OK

```
{
  "code": 1,
  "msg": "success",
  "data": {
    "url": "http://127.0.0.1:6275/upload/avatar/2023/06/gmircbr_48xqb8.png",
    "fileName": "/upload/avatar/2023/06/gmircbr_48xqb8.png",
    "newFileName": "gmircbr_48xqb8.png",
    "originalFileName": "gmircbr.png"
  }
}
```

```
{
  "code": 0,
  "msg": "failed to read merge target file"
}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

### HTTP Status Code 200

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» msg	string	true	none	none
» data	[string]	true	none	none

## GET Download file

GET /file/download/{filePath}

The file Path parameter requires base64 encoding, base64 ("file storage resource path, URL relative address") Breakpoint continuation can include a range for downloading

data blocks in the request header, for example, a single block size of 5M **Range:**  
`bytes=0-5242879`

## Params

Name	Location	Type	Required	Description
filePath	path	string	yes	base64("file storage resource path, URL relative address")
Range	header	string	no	
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token

### Response Examples

file block

206 Response

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	file block	Inline
206	Partial Content	Breakpoint continuation file block	Inline

## Responses Data Schema

# General APIs/Account Registration

## POST Registration

POST /register

### Body Parameters

```
{
  "username": "string",
  "password": "string",
  "confirmPassword": "string",
  "code": "string",
  "uuid": "string"
}
```

## Params

Name	Location	Type	Required	Description
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
AccessToken	header	string	no	Access token
body	body	object	no	none
» username	body	string	yes	none
» password	body	string	yes	none
» confirmPassword	body	string	yes	none
» code	body	string	yes	none
» uuid	body	string	yes	none

### Response Examples

OK

```
{
  "code": 1,
  "msg": "success"
}
```

```
{
  "code": 0,
  "msg": "The current system has not enabled registration function!"
}
```

```
{
  "code": 0,
  "msg": "failed to register user [manager]. Sorry, the system has closed the
external user registration channel"
}
```

```
{
  "code": 0,
  "msg": "The account number cannot start with a number, but can contain upper and
lower case letters, numbers, and not less than 5 digits."
}
```

```
{
  "code": 0,
  "msg": "The password must contain at least 6 upper and lower case letters,
numbers, and special symbols."
}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	OK	Inline

## Responses Data Schema

## HTTP Status Code 200

Name	Type	Required	Restrictions	description
» code	integer	true	none	none
» msg	string	true	none	none

# Data Management

## GET Fuzzy query with '%'

GET /api/rest/dataManagement/v1/omc\_db/alarm

### Params

Name	Location	Type	Required	Description
SQL	query	string	yes	none
AccessToken	header	string	yes	none
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9

#### Response Examples

#### 200 Response

```
{}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	Success	Inline

## Responses Data Schema

# GET Query by where condition

GET /api/rest/databaseManagement/v1/omc\_db/ne\_info

## Params

Name	Location	Type	Required	Description
WHERE	query	string	yes	none
AccessToken	header	string	yes	none
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9

### Response Examples

#### 200 Response

```
{}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	Success	Inline



# Responses Data Schema

## GET Multiple SQL query

GET /api/rest/databaseManagement/v1/omc\_db/ne\_state

### Params

Name	Location	Type	Required	Description
SQL	query	array[string]	yes	none
PAGE	query	string	yes	none
LIMIT	query	string	yes	none
AccessToken	header	string	yes	none
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9

#### Response Examples

#### 200 Response

```
{}
```

### Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	Success	Inline

## Responses Data Schema

# POST Insert multiple record into table alarm\_log

POST /api/rest/dataManagement/v1/omc\_db/alarm\_log

## Body Parameters

```
{
  "alarm_log": [
    {
      "ne_type": "AMF",
      "ne_id": "001",
      "alarm_id": "2",
      "alarm_code": "2",
      "alarm_seq": "3",
      "event_time": "2023-10-29 15:52:09"
    },
    {
      "ne_type": "SMF",
      "ne_id": "001",
      "alarm_id": "4",
      "alarm_code": "2",
      "alarm_seq": "3",
      "event_time": "2023-10-29 16:52:09"
    }
  ]
}
```

## Params

Name	Location	Type	Required	Description
AccessToken	header	string	yes	none
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
body	body	object	no	none
» alarm_log	body	[object]	yes	none

Name	Location	Type	Required	Description
»» ne_type	body	string	yes	none
»» ne_id	body	string	yes	none
»» alarm_id	body	string	yes	none
»» alarm_code	body	string	yes	none
»» alarm_seq	body	string	yes	none
»» event_time	body	string	yes	none

## Response Examples

### 200 Response

```
{}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	Success	Inline

## Responses Data Schema

## PUT Update single record

PUT /api/rest/dataManagement/v1/omc\_db/user

### Body Parameters

```
{
  "user": {
    "name": "test3"
  }
}
```

# Params

Name	Location	Type	Required	Description
WHERE	query	string	yes	none
AccessToken	header	string	yes	none
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
body	body	object	no	none
» user	body	object	yes	none
»» name	body	string	yes	none

## Response Examples

### 200 Response

```
{}
```

# Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	Success	Inline

## Responses Data Schema

# PUT UPDATE MeasureTask

PUT /api/rest/databaseManagement/v1/omc\_db/measure\_task

## Body Parameters

```

{
  "measure_task": {
    "id": "28",
    "ne_type": "SMF",
    "ne_ids": "[\"SZ_01\"]",
    "kpi_set": "[{\"Code\": \"SMFHA01\", \"KPIs\": [\"SMF.AttCreatePduSession\", \"SMF.AttCreatePduSession._Dnn\"]}]",
    "schedule": "[{\"Type\": \"\", \"Days\": []}]",
    "start_time": "",
    "end_time": "",
    "granul_option": "30M",
    "status": "Inactive",
    "create_time": "2023-5-25 21:59:9",
    "periods": "[]"
  }
}

```

## Params

Name	Location	Type	Required	Description
AccessToken	header	string	yes	none
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
body	body	object	no	none
» measure_task	body	object	yes	none
»» id	body	string	yes	none
»» ne_type	body	string	yes	none
»» ne_ids	body	string	yes	none
»» kpi_set	body	string	yes	none
»» schedule	body	string	yes	none
»» start_time	body	string	yes	none
»» end_time	body	string	yes	none
»» granul_option	body	string	yes	none

Name	Location	Type	Required	Description
»» status	body	string	yes	none
»» create_time	body	string	yes	none
»» periods	body	string	yes	none

### Response Examples

#### 200 Response

```
{}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	Success	Inline

## Responses Data Schema

# DELETE Delete historical alarm exceeding 90 days

DELETE /api/rest/databaseManagement/v1/delete/omc\_db/alarm

### Body Parameters

```
{}
```

## Params

Name	Location	Type	Required	Description
WHERE	query	string	yes	none

Name	Location	Type	Required	Description
AccessToken	header	string	yes	none
Authorization	header	string	yes	Authoirzation token
Referer	header	string	yes	User Referer
User-Agent	header	string	yes	User Agent
Accept-Language	header	string	yes	en_US;q=0.9
body	body	object	no	none

## Response Examples

### 200 Response

```
{}
```

## Responses

HTTP Status Code	Meaning	Description	Data schema
200	OK	Success	Inline

## Responses Data Schema

## Data Schema

---