

MC4.0 对外API

1. 引言

本接口文档详尽描述了我们服务对外提供的HTTP API。请遵循以下规范以确保与服务端的正确通信和数据交互。

1.1 目标与范围

本接口旨在为第三方开发者提供安全、稳定、高效的数据交换通道，采用JSON格式进行数据传输。所有接口均采用HTTP协议以通信。

1.2 基本约定

- 所有接口请求方法均使用HTTP POST方法。
- 数据格式统一为JSON，Content-Type设置为 `application/json`。
- 连接端口: 3000

1.3 通讯数据格式

- 请求数据格式(Request)

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```
{
  ...//具体的数据内容
}
```

- 响应数据格式(Response)

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```
{
  "code":0, //结果码,0为成功,其他为错误
  "msg":""," //结果描述
  "data":{ //结果数据
    ... //具体数据内容
  }
}
```

```
}
```

-

2. 接口列表(响应结果只标出data段)

2.1 通用接口

2.1.1 用户登录验证配置接口(登录前调用此接口以确认用户密码是否需要用md5加密码)

- *Endpoint*:* `/api/central/auth/conf/get`
- *Method*:* `POST`
- *Request Body*:*

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```
{  
  
}
```

- *Response*:*

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```
{  
  "encrypt":true //用户密码是否需要用md5加密码  
}
```

注: 调用此接口返回结果码4(未找到)也认为用户密码不需要用md5加密

请求示例: `curl -s -X POST -H "Content-Type: application/json" -d '{}'`

<http://10.0.1.101:3000/api/central/auth/conf/get>

2.1.2 用户登录接口

- *Endpoint*:* `/api/central/auth/login`
- *Method*:* `POST`
- *Request Body*:*

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```
{
  "account": "string", //用户名
  "password": "string" //用户密码
}
```

- *Response:**

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```
{
  "token": "string", //用于后续接口访问, 置于后续访问请求 headers 下的 token 字段
  "id": 0,
  "account": "string",
  "name": "string", //用户名
  "option": { //预留信息
    ...
  }
}
```

请求示例: `curl -s -X POST -H "Content-Type: application/json" -d '{"account":"admin", "password": "d46060ea3d655f9b4fd31ac1bf1dc21b"}'`
<http://10.0.1.101:3000/api/central/auth/login>

2.1.3 用户注销接口

- *Endpoint:** `/api/central/auth/logout`
- *Method:** `POST`
- *Request Body:**

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```
{
}
```

- *Response:**

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```
{  
}
```

请求示例: `curl -s -X POST -H "Content-Type: application/json" -H "token: 7b8c8225-f074-4ab3-a086-89ef855da41c" -d '{}'` <http://10.0.1.101:3000/api/central/auth/logout>

2.1.4 获取对象树

- Endpoint: `/api/central/object/tree`
- Method: `POST`
- Request Body:*

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```
{  
}
```

- Response:*

∨

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```
[  
  {  
    "id":0, //区域或者设备 id  
    "name": "string", //对象名称  
    "type": 0, //对象类型 1 区域 2 设备  
    "objectType": 0, //设备类型 可自定义(固有类型参考4.固有自定义对象类型)  
    "tag": "", //设备标签  
    "option": {}, // 自定义字段  
    "children":[ //子设备或区域 递归结构, 字段和外层对象相同  
      {  
        "Id":0,  
        ...  
      },  
      {...}  
    ]  
  },  
  {...}  
]
```

请求示例:

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```
curl -s -X POST
-H "Content-Type: application/json"
-H "token:7b8c8225-f074-4ab3-a086-89ef855da41c"
-d '{
}'
```

<http://10.0.1.101:3000/api/central/object/tree>

2.1.5 获取设备点表

- Endpoint: `/api/central/device/point/get`
- Method: `POST`
- Request Body:*

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```
{
  "id":0,//设备id
}
```

- Response:*

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```
[
  {
    "index": 0, //点索引
    "type":0, //点类型
    "tag": "string", //标签
    "name": "string", //点名称
    "desc": "string", //点描述
    "unit": "string", //单位
    "option": {} //自定义字段
  },
  {...}
]
```

请求示例:

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```
curl -s -X POST
-H "Content-Type: application/json"
-H "token:7b8c8225-f074-4ab3-a086-89ef855da41c"
-d '{
  "id":1001463
}'
```

<http://10.0.1.101:3000/api/central/device/point/get>

2.1.6 控制设备点值

- Endpoint: `/api/central/point/value/set`
- Method: `POST`
- *Request Body:**

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```
{
  "id": 0, //设备 id
  "index": 0, //点索引
  "value": 0 //设置值
}
```

- *Response:**

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```
{
}
```

请求示例:

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```
curl -s -X POST
-H "Content-Type: application/json"
-H "token:7b8c8225-f074-4ab3-a086-89ef855da41c"
-d '{
  "id":1001463,
  "index":10,
```

```
"value":0  
}'
```

<http://10.0.1.101:3000/api/central/point/value/set>

2.1.7 获取设备点值-按设备

- Endpoint: `/api/central/device/point/value/get`
- Method: `POST`
- Request Body:*

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```
{  
  "id": 0, //设备 id  
}
```

- Response:*

∨

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```
[  
  {  
    "index":0, //点索引  
    "value":0, //点值  
    "time":"2006-01-02 15:04:05", // 点值更新时间  
    "interval": 0 //距离上一次采集间隔 单位毫秒  
  },  
  {...}  
]
```

请求示例:

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```
curl -s -X POST  
-H "Content-Type: application/json"  
-H "token:7b8c8225-f074-4ab3-a086-89ef855da41c"  
-d '{  
  "id":1001463  
}'
```

<http://10.0.1.101:3000/api/central/device/point/value/get>

2.1.8 获取设备点值-按设备点

- Endpoint: `/api/central/point/multi/value/get`
- Method: `POST`
- Request Body:*

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```
{
  "points": [
    {
      "id": 0, //查询的 id
      "index": 0 //查询的点索引
    },
    {...}
  ]
}
```

- Response:*

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```
[
  {
    "id":0,//设备id
    "index":0, //点索引
    "value":0, //点值
    "time":"2006-01-02 15:04:05", // 点值更新时间
    "interval": 0 //距离上一次采集间隔 单位毫秒
  },
  {...}
]
```

请求示例:

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```
curl -s -X POST
-H "Content-Type: application/json"
-H "token:7b8c8225-f074-4ab3-a086-89ef855da41c"
-d '{"points":
  [
    {"id":1001463,"index":2}
  ]
}'
```

```
}'
```

<http://10.0.1.101:3000/api/central/point/multi/value/get>

2.2 告警

2.2.1 确认告警

- Endpoint: `/api/central/alarm/confirm`
- Method: `POST`
- Request Body:*

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```
{  
  "id": "string", //告警id  
  "option": {...} //其他参数  
}
```

- Response:*

∨

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```
{ }
```

请求示例:

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```
curl -s -X POST  
-H "Content-Type: application/json"  
-H "token:ce4d927b-5d51-458b-b142-983af12075e5"  
-d '{  
  "id": "111",  
  "option": {  
  
  }  
}'
```

<http://10.0.1.101:3000/api/central/alarm/confirm>

2.2.2 结束告警

- Endpoint: `/api/central/alarm/end`
- Method: `POST`
- Request Body:*

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```
{  
  "id": "string", //告警id  
  "option": {...} //其他参数  
}
```

- Response:*

∨ 复制代码

```
{ }
```

请求示例:

∨ 复制代码

```
curl -s -X POST  
-H "Content-Type: application/json"  
-H "token:ce4d927b-5d51-458b-b142-983af12075e5"  
-d '{  
  "id": "111",  
  "option": {  
  
  }  
}'
```

<http://10.0.1.101:3000/api/central/alarm/end>

2.2.3 查询告警

- Endpoint: `/api/central/alarm/query`
- Method: `POST`

• Request Body:*

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```
{
  "sids": [1, 2, 3], //告警源id (为空表示全部)
  "types": [1, 2, 3, 4], //告警类型 (为空表示全部)
  "confirmState": 0, //0:所有, 1: 未确认, 2: 已确认
  "endState": 0, //0:所有, 1: 未结束, 2: 已结束
  "level": [1, 2, 3, 4], //告警等级 (为空表示全部)
  "from": "2024-03-11 10:32:30", //开始时间 (产生时间) (必填)
  "to": "2024-03-11 11:32:30", //结束时间 (产生时间) (必填)
  "sort": 0, //0:升序, 1: 降序
  "dischargeState": 1, //0:不过滤, 1:查询放电告警, 2:查询非放电告警
  "skip": 0, //跳过的告警数量(分页用)
  "limit": 0 //查询的告警数(分页用)
}
```

• Response:*

"sid": 1001863, //子网关对应id

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```
"sno": 0, //子网关编号{
  "total": 0, //告警数量
  "list": [ //告警列表
    {
      "coption": null, //确认参数(未确认则为空)
      "ctime": "0001-01-01 00:00:00", //确认时间
      "cuser": "", //确认用户
      "desc": "[列头柜][B2电压][17.04V]", //描述
      "engDesc": "[][B2 Voltage][17.04V]", //副语言描述
      "engTName": "", //告警类型副语言名称
      "eoption": { //结束参数
        "value": 6.82 //结束的点值
      },
      "etime": "2024-03-01 10:33:07", //结束时间
      "id": "2183fda3-9e32-48ae-b433-f807cc81a237", //告警id
      "isDischarge": 0, //是否放电告警
      "level": 1, //等级
      "sid": 1001863, //告警设备id
      "soption": { //产生参数
        "typeName": "CPU使用过大1", //告警类型名称
        "value": 17.04 //产生的点值
      }
    }
  ]
}
```

```
    },
    "spi": 6, //点id
    "state": 3, //状态
    "stime": "2024-03-01 10:33:04", //产生时间
    "tName": "", //类型名称
    "type": 1011 //类型
  },
  {...}
]
}
```

请求示例:



复制代码

```
curl -s -X POST
-H "Content-Type: application/json"
-H "token:ce4d927b-5d51-458b-b142-983af12075e5"
-d '{
  "from":"2024-03-01 10:32:30",
  "to":"2024-03-11 10:32:30",
  "skip":0,
  "limit":10
}'
```

<http://10.0.1.101:3000/api/central/alarm/query>

2.2.4 查询待处理告警数量

- Endpoint: `/api/central/alarm/custom_query_count`
- Method: `POST`
- Request Body:*



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```
{
  "sids":[1,2,3],//设备id, 传空返回所有
  "state":0,//查询告警的状态 (0: 所有, 1: 未确认, 2: 已确认)
  "level":[1,2,3],//告警等级, 传空返回所有
}
```

- Response:*

[复制代码](#)

```
{
  "total":0, //告警数量
}
```

请求示例:

[复制代码](#)

```
curl -s -X POST
-H "Content-Type: application/json"
-H "token:ce4d927b-5d51-458b-b142-983af12075e5"
-d '{
  "sids":[],
  "state":0,
  "level":[]
}'
```

http://10.0.1.101:3000/api/central/alarm/custom_query_count

2.2.5 查询待处理告警记录

- Endpoint: `/api/central/alarm/custom_query`
- Method: `POST`
- Request Body:*

[复制代码](#)

```
{
  "sids":[1,2,3],//设备id, 传空返回所有
  "state":0,//查询告警的状态 (0: 所有, 1: 未确认, 2: 已确认)
  "level":[1,2,3],//告警等级, 传空返回所有
  "skip":0,//跳过的告警数量(分页用)
  "limit":0 //查询的告警数(分页用)
}
```

- Response:*

[复制代码](#)

```
{
```

```

"total":0, //告警数量
"list":[ //告警列表
  {
    "coption": null, //确认参数(未确认则为空)
    "ctime": "0001-01-01 00:00:00", //确认时间
    "cuser": "", //确认用户
    "desc": "[列头柜][B2电压][17.04V]", //描述
    "engDesc": "[][B2 Voltage][17.04V]", //副语言描述
    "engTName": "", //副语言名称
    "eoption": { //结束参数
      "value": 6.82 //结束的点值
    },
    "etime": "2024-03-01 10:33:07", //结束时间
    "id": "2183fda3-9e32-48ae-b433-f807cc81a237", //告警id
    "isDischarge": 0, //是否放电告警
    "level": 1, //等级
    "sid": 1001863, //告警设备id
    "soption": { //产生参数
      "typeName": "CPU使用过大1", //告警类型名称
      "value": 17.04 //产生的点值
    },
    "spi": 6, //点id
    "state": 3, //状态
    "stime": "2024-03-01 10:33:04", //产生时间
    "tName": "", //类型名称
    "type": 1011 //类型
  },
  {...}
]
}

```

请求示例:

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```

curl -s -X POST
-H "Content-Type: application/json"
-H "token:ce4d927b-5d51-458b-b142-983af12075e5"
-d '{
  "sids":[],
  "state":0,
  "level":[],
  "skip":0,
  "limit":10
}'

```

http://10.0.1.101:3000/api/central/alarm/custom_query

2.2.6 根据点查询告警记录

- Endpoint: `/api/central/alarm/get_by_point`
- Method: `POST`
- Request Body:*

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```
{
  "id":1, //设备id
  "index":1, //设备点索引
}
```

- Response:*

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```
[ //告警列表
  {
    "coption": null, //确认参数(未确认则为空)
    "ctime": "0001-01-01 00:00:00", //确认时间
    "cuser": "", //确认用户
    "desc": "[列头柜][B2电压][17.04V]", //描述
    "engDesc": "[][B2 Voltage][17.04V]", //副语言描述
    "engTName": "", //副语言名称
    "eoption": { //结束参数
      "value": 6.82 //结束的点值
    },
    "etime": "2024-03-01 10:33:07", //结束时间
    "id": "2183fda3-9e32-48ae-b433-f807cc81a237", //告警id
    "isDischarge": 0, //是否放电告警
    "level": 1, //等级
    "sid": 1001863, //告警设备id
    "soption": { //产生参数
      "typeName": "CPU使用过大1", //告警类型名称
      "value": 17.04 //产生的点值
    },
    "spi": 6, //点id
    "state": 3, //状态
  }
]
```

```
"stime": "2024-03-01 10:33:04", //产生时间
"tName": "", //类型名称
"type": 1011 //类型
},
{...}
]
```

请求示例:

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```
curl -s -X POST
-H "Content-Type: application/json"
-H "token:ce4d927b-5d51-458b-b142-983af12075e5"
-d '{
  "id":1,"index":1
}'
```

http://10.0.1.101:3000/api/central/alarm/get_by_point

2.2.7 查询告警记录

- Endpoint: `/api/central/alarm/get`
- Method: `POST`
- Request Body:*

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```
{
  "id":"111", //告警id
}
```

- Response:*

∨

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```
{
  "coption": null, //确认参数(未确认则为空)
  "ctime": "0001-01-01 00:00:00", //确认时间
  "cuser": "", //确认用户
  "desc": "[列头柜][B2电压][17.04V]", //描述
}
```

```
"engDesc": "[B2 Voltage][17.04V]", //副语言描述
"engTName": "", //副语言名称
"eoption": { //结束参数
  "value": 6.82 //结束的点值
},
"etime": "2024-03-01 10:33:07", //结束时间
"id": "2183fda3-9e32-48ae-b433-f807cc81a237", //告警id
"isDischarge": 0, //是否放电告警
"level": 1, //等级
"sid": 1001863, //告警设备id
"soption": { //产生参数
  "typeName": "CPU使用过大1", //告警类型名称
  "value": 17.04 //产生的点值
},
"spi": 6, //点id
"state": 3, //状态
"stime": "2024-03-01 10:33:04", //产生时间
"tName": "", //类型名称
"type": 1011 //类型
}
```

请求示例:



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```
curl -s -X POST
-H "Content-Type: application/json"
-H "token:ce4d927b-5d51-458b-b142-983af12075e5"
-d '{
  "id":"2183fda3-9e32-48ae-b433-f807cc81a237"
}'
```

<http://10.0.1.101:3000/api/central/alarm/get>

2.2.8 查询历史告警

- Endpoint: `/api/central/his_alarm/query`
- Method: `POST`
- Request Body:*



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```

{
  "sids": [1, 2, 3], //设备id, 传空返回所有
  "types": [1, 2, 3, 4], //告警类型 (为空表示全部)
  "startTime": "2024-03-10 12:00:00",
  "endTime": "2024-03-11 12:00:00",
  "skip": 0, //跳过的告警数量(分页用)
  "limit": 10 //查询的告警数(分页用)
}

```

• *Response:**

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```

{
  "total": 0, //告警数量
  "list": [ //告警列表
    {
      "coption": null, //确认参数(未确认则为空)
      "ctime": "0001-01-01 00:00:00", //确认时间
      "cuser": "", //确认用户
      "desc": "[列头柜][B2电压][17.04V]", //描述
      "engDesc": "[][B2 Voltage][17.04V]", //副语言描述
      "engTName": "", //副语言名称
      "eoption": { //结束参数
        "value": 6.82 //结束的点值
      },
      "etime": "2024-03-01 10:33:07", //结束时间
      "id": "2183fda3-9e32-48ae-b433-f807cc81a237", //告警id
      "isDischarge": 0, //是否放电告警
      "level": 1, //等级
      "sid": 1001863, //告警设备id
      "soption": { //产生参数
        "typeName": "CPU使用过大1", //告警类型名称
        "value": 17.04 //产生的点值
      },
      "spi": 6, //点id
      "state": 3, //状态
      "stime": "2024-03-01 10:33:04", //产生时间
      "tName": "", //类型名称
      "type": 1011 //类型
    },
    {...}
  ]
}

```

请求示例:



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```
curl -s -X POST
-H "Content-Type: application/json"
-H "token:ae64a1d3-ad9e-4ddd-b577-754985fad4f1"
-d '{
  "startTime":"2024-03-10 12:00:00",
  "endTime":"2024-03-11 12:00:00",
  "skip":0,"limit":10
}'
```

http://10.0.1.101:3000/api/central/his_alarm/query

2.2.9 查询被收敛的告警

- Endpoint: `/api/central/report/alarm/convergence/query`
- Method: `POST`
- Request Body:*



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```
{
  "id":"aaaa",//告警id
}
```

- Response:*



复制代码

```
[ //告警列表
{
  "id": "2183fda3-9e32-48ae-b433-f807cc81a237", //告警id
  "sid": 1001863, //告警设备id
  "spi": 6, //点id
  "sName": "", //设备名称
  "type": 1011, //类型
  "desc": "[列头柜][B2电压][17.04V]", //描述
  "state": 3, //状态
}
```

```
"level": 1, //等级
"stime": "2024-03-01 10:33:04", //产生时间
"soption": { //产生参数
  "typeName": "CPU使用过大1", //告警类型名称
  "value": 17.04 //产生的点值
},
"etime": "2024-03-01 10:33:07", //结束时间
"eoption": { //结束参数
  "value": 6.82 //结束的点值
},
"cuser": "", //确认用户
"ctime": "0001-01-01 00:00:00", //确认时间
"coption": null, //确认参数(未确认则为空)
"childCount": 0, //过滤数量
},
{...}
]
```

请求示例:



复制代码

```
curl -s -X POST
-H "Content-Type: application/json"
-H "token:6874ea3b-6461-467d-9ba1-acf79c3e6b12"
-d '{
  "id":"2183fda3-9e32-48ae-b433-f807cc81a237"
}'
```

<http://10.0.1.101:3000/api/central/report/alarm/convergence/query>

2.3 告警类型

2.3.1 添加告警类型

- Endpoint: `/api/central/alarm/type/add`
- Method: `POST`
- Request Body:*



复制代码

```

{
  "name": "", //告警类型名称
  "desc": "", //告警类型描述
  "engName": "", //副语言告警类型名称
  "engDesc": "", //副语言告警类型描述
  "level": 0, //告警等级(1:提示告警;2:普通告警;3:重要告警;4:紧急告警)
  "genCondition": 0, //产生条件(1:<;2:==;3:>;4:<=;5:>=;6!=)
  "genValue": 0, //产生的比较值
  "endCondition": 0, //结束条件(1:<;2:==;3:>;4:<=;5:>=;6!=)
  "endValue": 0, //结束的比较值
  "startDelay": 0, //产生延时
  "endDelay": 0, //结束延时
  "enabled": 1, // (1: 启用, 0: 禁用)
  "option": {...}
}

```

- *Response:**



复制代码

```

{
  "type": 0, //增加的告警类型id
}

```

请求示例:



复制代码

```

curl -s -X POST
-H "Content-Type: application/json"
-H "token:170af07e-5b84-444e-a2c2-518ca8c1e2b2"
-d '{
  "name": "新的告警",
  "desc": "",
  "engName": "",
  "engDesc": "",
  "level": 1,
  "genCondition": 2,
  "genValue": 1,
  "endCondition": 6,
  "endValue": 1,
  "startDelay": 0,
  "endDelay": 0,
}'

```

```
"enabled":1,  
"option":{}  
}'
```

<http://10.0.1.101:3000/api/central/alarm/type/add>

2.3.2 修改告警类型

- Endpoint: `/api/central/alarm/type/set`
- Method: `POST`
- Request Body:*

∨

复制代码

```
{  
  "type":0, //告警类型  
  "name":""," //告警类型名称  
  "desc":""," //告警类型描述  
  "engName":""," //副语言告警类型名称  
  "engDesc":""," //副语言告警类型描述  
  "level":0, //告警等级(1:提示告警;2:普通告警;3:重要告警;4:紧急告警)  
  "genCondition":0, //产生条件(1:<;2:==;3:>;4:<=;5:>=;6!=)  
  "genValue":0, //产生的比较值  
  "endCondition":0, //结束条件(1:<;2:==;3:>;4:<=;5:>=;6!=)  
  "endValue":0, //结束的比较值  
  "startDelay":0, //产生延时  
  "endDelay":0, //结束延时  
  "enabled":1, // (1: 启用, 0: 禁用)  
  "isDischarge":0, //是否是放电告警 (0: 否, 1: 是)  
  "option":{...}  
}
```

- Response:*

∨

复制代码

```
{}
```

请求示例:

∨

复制代码

```
curl -s -X POST
-H "Content-Type: application/json"
-H "token:170af07e-5b84-444e-a2c2-518ca8c1e2b2"
-d '{
  "type":1117,
  "name":"新的告警",
  "desc":"",
  "engName":"",
  "engDesc":"",
  "level":1,
  "genCondition":2,
  "genValue":1,
  "endCondition":6,
  "endValue":1,
  "startDelay":0,
  "endDelay":0,
  "enabled":1,
  "option":{}
}'
```

<http://10.0.1.101:3000/api/central/alarm/type/set>

2.3.3 删除告警类型

- Endpoint: `/api/central/alarm/type/del`
- Method: `POST`
- *Request Body:**

∨

复制代码

```
{
  "type":0 //告警类型
}
```

- *Response:**

∨

复制代码

```
{}
```

请求示例:

复制代码

```
curl -s -X POST
-H "Content-Type: application/json"
-H "token:170af07e-5b84-444e-a2c2-518ca8c1e2b2"
-d '{
  "type":1117
}'
```

<http://10.0.1.101:3000/api/central/alarm/type/del>

2.3.4 查询告警类型

- Endpoint: `/api/central/alarm/type/list`
- Method: `POST`
- Request Body:*

复制代码

```
{
  "types":[1,2,3] //告警类型列表,空则查询全部
}
```

- Response:*

复制代码

```
[
  {
    "type":0, //告警类型
    "name":""," //告警类型名称
    "desc":""," //告警类型描述
    "engName":""," //副语言告警类型名称
    "engDesc":""," //副语言告警类型描述
    "level":0, //告警等级(1:提示告警;2:普通告警;3:重要告警;4:紧急告警)
    "genCondition":0, //产生条件(1:<;2:==;3:>;4:<=;5:>=;6!=)
    "genValue":0, //产生的比较值
    "endCondition":0, //结束条件(1:<;2:==;3:>;4:<=;5:>=;6!=)
    "endValue":0, //结束的比较值
    "startDelay":0, //产生延时
    "endDelay":0, //结束延时
    "enabled":1, // (1: 启用, 0: 禁用)
```

```
    "option":{...}
  },
  {...}
]
```

请求示例:



复制代码

```
curl -s -X POST
-H "Content-Type: application/json"
-H "token:170af07e-5b84-444e-a2c2-518ca8c1e2b2"
-d '{
  "type":null
}'
```

<http://10.0.1.101:3000/api/central/alarm/type/list>

2.4 配置

2.4.1 设置系统配置

- Endpoint: `/api/central/manager/config/set`
- Method: `POST`
- *Request Body:**



复制代码

```
{
  "key": "",
  "value": { //具体内容
    ...
  }
}
```

- *Response:**



复制代码

```
{}
```

请求示例:

∨复制代码

```
curl -s -X POST
-H "Content-Type: application/json"
-H "token:5b18961a-aff6-4248-8301-02ea302d7561"
-d '{
  "key":"test1",
  "value": {
    "opt1":"val1"
  }
}'
```

<http://10.0.1.101:3000/api/central/manager/config/set>

2.4.2 获取系统配置

- Endpoint: `/api/central/manager/config/get`
- Method: `POST`
- Request Body:*

∨复制代码

```
{
  "key": ""
}
```

- Response:*

∨复制代码

```
{ //具体内容
  ...
}
```

请求示例:

∨复制代码

```
curl -s -X POST
```

```
-H "Content-Type: application/json"
-H "token:5b18961a-aff6-4248-8301-02ea302d7561"
-d '{
  "key":"test1"
}'
```

<http://10.0.1.101:3000/api/central/manager/config/get>

2.4.3 备份数据库

- Endpoint: `/api/central/manager/db/backup`
- Method: `POST`
- Request Body:*

∨

复制代码

```
{
  "path":"/tmp/backup.tar.gz" //备份的文件名
}
```

- Response:*

∨

复制代码

```
{ }
```

请求示例:

∨

复制代码

```
curl -s -X POST
-H "Content-Type: application/json"
-H "token:5b18961a-aff6-4248-8301-02ea302d7561"
-d '{
  "path":"/tmp/backup.tar.gz"
}'
```

<http://10.0.1.101:3000/api/central/manager/db/backup>

2.4.4 还原数据库

- Endpoint: `/api/central/manager/db/restore`
- Method: `POST`
- *Request Body:**

∨ 复制代码

```
{  
  "path": "/tmp/backup.tar.gz", //要还原的备份文件的完整路径（包括文件名）  
  "content": "", //如果使用上传则文件内容放在这里  
  "name": "admin", //还原用户  
  "reason": "", //还原原因  
}
```

- *Response:**

∨ 复制代码

```
{ }
```

请求示例:

∨ 复制代码

```
curl -s -X POST  
-H "Content-Type: application/json"  
-H "token:5b18961a-aff6-4248-8301-02ea302d7561"  
-d '{  
  "path": "/tmp/backup.tar.gz",  
  "content": "",  
  "name": "admin",  
  "reason": "测试"  
}'
```

<http://10.0.1.101:3000/api/central/manager/db/restore>

2.4.5 还原日志查询

- Endpoint: `/api/central/manager/db/log`
- Method: `POST`

- *Request Body:**

∨ 📄 复制代码

```
{//还原日志查询
  "from":"2024-03-12 00:00:00",//开始时间
  "to":"2024-03-12 17:00:00",//结束时间
  "skip":0, //跳过的记录数
  "limit":10 //查询的记录数
}
```

- *Response:**

∨ 📄 复制代码

```
{
  "list":[
    {
      "id":1,
      "name":"admin",
      "reason":"测试",
      "time":"2024-03-12 12:19:57"
    }
  ],
  "total":1}
}
```

请求示例:

∨ 📄 复制代码

```
curl -s -X POST
-H "Content-Type: application/json"
-H "token:937f159e-c336-4534-bd15-fdf7800d3bd4"
-d '{
  "from":"2024-03-12 00:00:00",
  "to":"2024-03-12 17:00:00",
  "skip":0,
  "limit":10
}'
```

<http://10.0.1.101:3000/api/central/manager/db/log>

2.4.6 备份历史数据库

- Endpoint: `/api/central/manager/hisdb/backup`
- Method: `POST`
- *Request Body:**

∨ 复制代码

```
{  
  "path": "/tmp/hisbackup.tar.gz" //备份的文件名  
}
```

- *Response:**

∨ 复制代码

```
{ }
```

请求示例:

∨ 复制代码

```
curl -s -X POST  
-H "Content-Type: application/json"  
-H "token:937f159e-c336-4534-bd15-fdf7800d3bd4"  
-d '{  
  "path": "/tmp/hisbackup.tar.gz"  
}'
```

<http://10.0.1.101:3000/api/central/manager/hisdb/backup>

2.4.7 还原历史数据库

- Endpoint: `/api/central/manager/hisdb/restore`
- Method: `POST`
- *Request Body:**

∨ 复制代码

```
{  
  "path": "/tmp/hisbackup.tar.gz", //要还原的备份文件的完整路径（包括文件名）  
}
```

```
}
```

- *Response:**

∨

复制代码

```
{ }
```

请求示例:

∨

复制代码

```
curl -s -X POST
-H "Content-Type: application/json"
-H "token:937f159e-c336-4534-bd15-fdf7800d3bd4"
-d '{
  "path":"/tmp/hisbackup.tar.gz"
}'
```

<http://10.0.1.101:3000/api/central/manager/hisdb/restore>

2.4.7 清除历史点值数据

- Endpoint: `/api/central/manager/hisdb/clear`

- Method: `POST`

- *Request Body:**

∨

复制代码

```
{
}
```

- *Response:**

∨

复制代码

```
{ }
```

请求示例:

∨

复制代码

```
curl -s -X POST
-H "Content-Type: application/json"
-H "token:937f159e-c336-4534-bd15-fdf7800d3bd4"
-d '{
}'
```

<http://10.0.1.101:3000/api/central/manager/hisdb/clear>

2.4.8 清除抓拍图片

- Endpoint: `/api/central/manager/picture/clear`
- Method: `POST`
- *Request Body:**

▼

复制代码

```
{
}
```

- *Response:**

▼

复制代码

```
{ }
```

请求示例:

▼

复制代码

```
curl -s -X POST
-H "Content-Type: application/json"
-H "token:937f159e-c336-4534-bd15-fdf7800d3bd4"
-d '{
}'
```

<http://10.0.1.101:3000/api/central/manager/picture/clear>

2.4.9 清除抓拍视频

- Endpoint: `/api/central/manager/video/clear`
- Method: `POST`
- Request Body:*

∨复制代码

```
{  
  
}
```

- Response:*

∨复制代码

```
{ }
```

请求示例:

∨复制代码

```
curl -s -X POST  
-H "Content-Type: application/json"  
-H "token:937f159e-c336-4534-bd15-fdf7800d3bd4"  
-d '{  
  
}'
```

<http://10.0.1.101:3000/api/central/manager/video/clear>

3. 结果码说明

结果码	英文描述	中文描述
0	OK	成功
-1	UNKNOWN	未知错误
0x1	NOT_SUPPORT	不支持的命令

0x2	PARAM_ERROR	参数错误
0x3	CONNECTION_ERROR	connection错误
0x4	NOT_FOUND	未找到
0x5	NOT_LOGIN	未登陆
0x6	NOT_HAVE_PRIVILEGE	没有权限
0x7	VALID_FAILED	验证失败
0x8	PWD_ERROR	密码错误
0x9	UNKNOW_DEVICE_NMODEL	未知设备类型
0x10	OTHER	其他错误
0x101	SEARCHING	搜索中

4.固有自定义对象类型

值定义	对象类型	描述
1	区域	区域
23	区域	机柜
50	设备	通用设备
58	设备	短信模块
59	设备	极易短信模块
60	设备	cacs门禁控制器
61	设备	门(cacs)

62	设备	http门禁控制器
63	设备	门(http)
100	设备	网关
108	设备	资产主机(大平台)
109	设备	资产条(大平台)
113	设备	通用门
114	设备	指纹读卡器
115	设备	人脸识别门
116	设备	海康一体化指纹门禁
117	设备	西墨人脸门禁一体机
118	设备	一卡门禁一体机
119	设备	海康人脸识别门
120	设备	海康控制器(SDK对接)
121	设备	海康控制器门
122	设备	微耕控制器
123	设备	微耕门
201	设备	NVR
202	设备	IPC
301	设备	资产主机
302	设备	资产条
310	设备	pcs储能管理服务
311	设备	pcs储能管理服务控制单元

