印章中心 API 设计文档

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| 编写 | 朱林峰 | 2018-12-10 |
| 审核 |  |  |

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|  |  |  |  |

**目录**

1 目录样式 1

1.1 字体 1

1.2 段落 1

1.3 其他 1

2 标题格式 1

2.1 文档标题 1

2.2 一级标题 2

2.3 二级标题 2

2.4 三级标题 3

2.5 四级标题 3

3 内容格式 4

3.1 正文格式 4

3.2 代码格式 4

3.3 表格文字格式 5

3.4 提示样式 6

4 其他格式 6

4.1 页眉格式 6

4.2 页脚格式 6

4.3 插图和图片 7

4.4 其他规范 7

权限类型

1.1 顶级权限

IsActivated: 服务处于激活状态。只有服务处于激活状态，才能访问业务接口。

DebugMode: 服务处于调试状态。调试状态下，服务的日志以及 API 报错能提供更多信息，并且某些调试 API 能够使用。关闭调试模式，则 API 以简略形式报错，并且调试类 API 禁止使用。

IsAdministrator: 用户角色为 Administrator。

IsConsoleUser: 用户角色为 ConsoleUser。

IsClientUser: 用户角色为 ClientUser。

除了 config 与 tool 类接口，所有其他接口一律默认要求 IsActivated 权限。

所有 config 类接口，除了 Administrator 登录外，一律要求 IsAdministrator 权限。

所有 tool 类接口，一律要求 DebugMode 权限。

1.2 控制台用户权限

AddConsoleUser: 添加控制台用户。

UpdateConsoleUser: 更新控制台用户。

DeleteConsoleUser: 删除控制台用户，除自身。

ListConsoleUser: 列举控制台用户。

配置管理模块

3.1 /sealCenter/config/v1.0/administrator/login

3.1.1 Method: POST

* **Name:** Administrator 登录
* **Header:**

|  |  |  |
| --- | --- | --- |
| **Key** | **Value** | **Describe** |
| Content-Type | application/json |  |

* **Permissions:** [ ]
* **Params:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key** | **Type** | **Range** | **Required** | **Describe** |
| account | string | Administrator | true | 管理员账号，固定值 |
| password | string | 6-20 | true | 密码，数字、大小写字母、字符两种组合 |
| token | string | uuid4 | false | token id |
| secret | string | uuid4 | false | token 密钥 |
| host | string | 1-64 | false | 允许访问的 host 地址 |
| expiryTime | datetime |  | false | 过期时间 |
| createTime | datetime |  | false | 创建时间 |

* **InputOnly:** [account, password]
* **OutputOnly:** [token, secret, host, expiryTime, createTime]
* **Params example:**

{

"account": "Administrator",

"password": "very-secret",

}

* **Response:**

{

"token": "bbf40f66-63df-466c-a5d0-9bdc137f735c",

"secret": "a449680f-e4f2-4be5-8203-17ec6a2c65b5",

"host": "\*",

"expiryTime": "2018-12-06T13:57:12.687119",

"createTime": "2018-12-06T13:27:12.692629Z"

}

* **Remark:**

Administrator 账号是系统内置账号，系统唯一，并设有初始密码。Administrator 账号只能单点登录，若多处同时登录，则后登录者将先登录的账号挤下线。登录 Administrator 账号的 IP 地址会与返回的 Token 绑定，后续该 Token 只能由该 IP 地址用于发起请求。

3.1.2 Method: DELETE

* **Name:** Administrator 退出登录
* **Header:**

|  |  |  |
| --- | --- | --- |
| **Key** | **Value** | **Describe** |
| SToken | uuid4 | token 标识 |
| Signature | hex string | secret 与请求参数的 hmac 值 |

* **Permissions:** [IsAdministrator]
* **Params:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key** | **Type** | **Range** | **Required** | **Describe** |
| requestTime | datetime |  | true | 请求时间，必须是当前时间 |

* **InputOnly:** [requestTime]
* **OutputOnly:** [ ]
* **Params example:**

{

"requestTime": "2018-12-06 12:54:02.752512Z"

}

* **Response:** None
* **Remark:**

退出登录，后端应删除 token。

3.2 /sealCenter/config/v1.0/administrator/password

3.2.1 Method: PUT

* **Name:** Administrator 更新密码
* **Header:**

|  |  |  |
| --- | --- | --- |
| **Key** | **Value** | **Describe** |
| Content-Type | application/json |  |
| SToken | uuid4 | token 标识 |
| Signature | hex string | secret 与请求参数的 hmac 值 |

* **Permissions:** [IsAdministrator]
* **Params:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key** | **Type** | **Range** | **Required** | **Describe** |
| password | string | 6-20 | true | 密码，数字、大小写字母、字符两种组合 |
| requestTime | dateTime |  | true | 请求时间，必须是当前时间 |
| account | string | 5-64 | false | 账号 |
| userId | string | uuid4 | false | 用户 id |
| role | enum(Role) |  | false | 用户角色 |
| isActivated | bool | true/false | false | 用户账号是否激活 |
| createTime | datetime |  | false | 创建时间 |
| updateTime | datetime |  | false | 更新时间 |

* **InputOnly:** [password, requestTime]
* **OutputOnly:** [userId, account, role, isActivated, createTime, updateTime]
* **Params example:**

{

"password": "very-secret",

"requestTime": "2018-12-06 12:54:02.752512Z"

}

* **Response:**

{

"userId": "a449680f-e4f2-4be5-8203-17ec6a2c65b5",

"account": "Administrator",

"role": "ADMINISTRATOR",

"isActivated": "True",

"createTime": "2018-12-06 12:54:02.752512Z",

"updateTime": "2018-12-06 12:54:02.752512Z"

}

* **Remark:** None

3.3 /sealCenter/config/v1.0/users

3.3.1 Method: POST

* **Name:** 添加控制台用户
* **Header:**

|  |  |  |
| --- | --- | --- |
| **Key** | **Value** | **Describe** |
| Content-Type | application/json |  |
| SToken | uuid4 | token 标识 |
| Signature | hex string | secret 与请求参数的 hmac 值 |

* **Permissions:** [IsAdministrator]
* **Params:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key** | **Type** | **Range** | **Required** | **Describe** |
| account | string | 11 | true | 账号，手机号 |
| password | string | 6-20 | true | 密码，数字、大小写字母、字符两种组合 |
| requestTime | datetime |  | true | 请求时间，必须为当前时间 |
| userId | string | uuid4 | false | 用户 id |
| role | enum(Role) | CONSOLE\_USER | false | 角色，为控制台用户 |
| isActivated | bool | true/false | false | 用户账号是否激活 |
| createTime | datetime |  | false | 创建时间 |
| updateTime | datetime |  | false | 更新时间 |

* **InputOnly:** [password, requestTime]
* **OutputOnly:** [userId, role, isActivated, createTime, updateTime]
* **Params example:**

{

"account": "18688880000",

"password": "very-secret",

"requestTime": "2018-12-06 12:54:02.752512Z"

}

* **Response:**

{

"userId": "a449680f-e4f2-4be5-8203-17ec6a2c65b5",

"account": "18688880000",

"role": "CONSOLE\_USER",

"isActivated": "True",

"createTime": "2018-12-06 12:54:02.752512Z",

"updateTime": "2018-12-06 12:54:02.752512Z"

}

* **Remark:**

系统初始化时，由 Administrator 添加第一个控制台用户，角色类型为 CONSOLE\_USER，拥有控制台用户的所有权限。

3.4 /sealCenter/config/v1.0/sysconfigs

3.4.1 Method: GET

* **Name:** 列举系统配置项
* **Header:**

|  |  |  |
| --- | --- | --- |
| **Key** | **Value** | **Describe** |
| SToken | uuid4 | token 标识 |
| Signature | hex string | secret 与请求参数的 hmac 值 |

* **Permissions:** [IsAdministrator]
* **Params:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key** | **Type** | **Range** | **Required** | **Describe** |
| requestTime | datetime |  | true | 请求时间，必须是当前时间 |

* **InputOnly:** [requestTime]
* **OutputOnly:** [ ]
* **OrderByFields:** [key, createTime, updateTime]
* **DefaultOrderBy:** key
* **Params example:**

{

"offset": 0,

"limit": 20,

"orderBy": "key",

"requestTime": "2018-12-06 12:54:02.752512Z"

}

* **Response:**

{

"total": 2,

"entries": [

{

"key": "ACTIVATED",

"value": "True",

"description": "",

"createTime": "2018-12-06 12:54:02.752512Z",

"updateTime": "2018-12-06 12:54:02.752512Z"

},

{

"key": "DEBUG\_MODE",

"value": "True",

"description": "",

"createTime": "2018-12-06 12:54:02.752512Z",

"updateTime": "2018-12-06 12:54:02.752512Z"

}

]

}

* **Remark:** None

3.4.2 Method: POST

* **Name:** 添加系统配置项
* **Header:**

|  |  |  |
| --- | --- | --- |
| **Key** | **Value** | **Describe** |
| Content-Type | application/json |  |
| SToken | uuid4 | token 标识 |
| Signature | hex string | secret 与请求参数的 hmac 值 |

* **Permissions:** [IsAdministrator]
* **Params:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key** | **Type** | **Range** | **Required** | **Describe** |
| requestTime | datetime |  | true | 请求时间，必须为当前时间 |
| key | string | 1-64 | true | 配置项键值 |
| value | string | > 0 | true | 配置项取值 |
| description | string | 0-128 | false | 描述 |
| createTime | datetime |  | false | 创建时间 |
| updateTime | datetime |  | false | 更新时间 |

* **InputOnly:** [requestTime]
* **OutputOnly:** [createTime, updateTime]
* **Params example:**

{

"key": "ACTIVATED",

"value": "True",

"description": "Mark is server activated.",

"requestTime": "2018-12-06 12:54:02.752512Z"

}

* **Response:**

{

"key": "ACTIVATED",

"value": "True",

"description": "Mark is server activated.",

"createTime": "2018-12-06 12:54:02.752512Z",

"updateTime": "2018-12-06 12:54:02.752512Z"

}

* **Remark:**

key 必须唯一。

3.5 /sealCenter/config/v1.0/sysconfigs/(?P<key>[0-9a-zA-Z-\_]+)

3.5.1 Method: GET

* **Name:** 获取系统某个配置项
* **Header:**

|  |  |  |
| --- | --- | --- |
| **Key** | **Value** | **Describe** |
| SToken | uuid4 | token 标识 |
| Signature | hex string | secret 与请求参数的 hmac 值 |

* **Permissions:** [IsAdministrator]
* **Params:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key** | **Type** | **Range** | **Required** | **Describe** |
| requestTime | datetime |  | true | 请求时间，必须是当前时间 |
| key | string | 1-64 | false | 配置项键值 |
| value | string |  | false | 配置项取值 |
| description | string | 0-128 | false | 描述 |
| createTime | datetime |  | false | 创建时间 |
| updateTime | datetime |  | false | 更新时间 |

* **InputOnly:** [requestTime]
* **OutputOnly:** [key, value, description, createTime, updateTime]
* **Params example:**

{

"requestTime": "2018-12-06 12:54:02.752512Z"

}

* **Response:**

{

"key": "ACTIVATED",

"value": "True",

"description": "Mark is server activated.",

"createTime": "2018-12-06 12:54:02.752512Z",

"updateTime": "2018-12-06 12:54:02.752512Z"

}

* **Remark:** None

3.5.2 Method: PUT

* **Name:** 修改系统某个配置项
* **Header:**

|  |  |  |
| --- | --- | --- |
| **Key** | **Value** | **Describe** |
| Content-Type | application/json |  |
| SToken | uuid4 | token 标识 |
| Signature | hex string | secret 与请求参数的 hmac 值 |

* **Permissions:** [IsAdministrator]
* **Params:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key** | **Type** | **Range** | **Required** | **Describe** |
| requestTime | datetime |  | true | 请求时间，必须为当前时间 |
| key | string | 1-64 | false | 配置项键值 |
| value | string | > 0 | false | 配置项取值 |
| description | string | 0-128 | false | 描述 |
| createTime | datetime |  | false | 创建时间 |
| updateTime | datetime |  | false | 更新时间 |

* **InputOnly:** [requestTime]
* **OutputOnly:** [key, createTime, updateTime]
* **Params example:**

{

"value": "True",

"description": "Mark is server activated.",

"requestTime": "2018-12-06 12:54:02.752512Z"

}

* **Response:**

{

"key": "ACTIVATED",

"value": "True",

"description": "Mark is server activated.",

"createTime": "2018-12-06 12:54:02.752512Z",

"updateTime": "2018-12-06 12:54:02.752512Z"

}

* **Remark:**

key 必须唯一。

3.5.3 Method: DELETE

* **Name:** 删除系统某个配置项
* **Header:**

|  |  |  |
| --- | --- | --- |
| **Key** | **Value** | **Describe** |
| SToken | uuid4 | token 标识 |
| Signature | hex string | secret 与请求参数的 hmac 值 |

* **Permissions:** [IsAdministrator]
* **Params:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key** | **Type** | **Range** | **Required** | **Describe** |
| requestTime | datetime |  | true | 请求时间，必须为当前时间 |

* **InputOnly:** [requestTime]
* **OutputOnly:** [ ]
* **Params example:**

{

"requestTime": "2018-12-06 12:54:02.752512Z"

}

* **Response:** None
* **Remark:** None

3.6 /sealCenter/config/v1.0/serverConfigs

3.6.1 Method: GET

* **Name:** 列举所有服务器配置模板
* **Header:**

|  |  |  |
| --- | --- | --- |
| **Key** | **Value** | **Describe** |
| SToken | uuid4 | token 标识 |
| Signature | hex string | secret 与请求参数的 hmac 值 |

* **Permissions:** [IsAdministrator]
* **Params:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key** | **Type** | **Range** | **Required** | **Describe** |
| requestTime | datetime |  | true | 请求时间，必须是当前时间 |

* **InputOnly:** [requestTime]
* **OutputOnly:** [ ]
* **OrderByFields:**

[id, manufacture, cores, memory, disk, interface, bandwidth,

osVersion, kernelVersion, createTime, updateTime]

* **DefaultOrderBy:** id
* **Params example:**

{

"offset": 0,

"limit": 20,

"orderBy": "-createTime",

"requestTime": "2018-12-06 12:54:02.752512Z"

}

* **Response:**

{

"total": 1,

"entries": [

{

"id": 1,

"title": "高配版",

"manufacturer": "戴尔",

"brand": "Tower Server",

"model": "[PowerEdge T30](https://www.dell.com/zh-cn/work/shop/povw/poweredge-t30" \t "/Users/lfzhu\\x/_self)",

"cores": 10,

"memory": 64,

"disk": 4096,

"interface": 4,

"bandwidth": 10000,

"osVersion": "Ubuntu16.04",

"kernelVersion": "3.10.0-862.14.4.el7.x86\_64",

"isActivated": true,

"remark": "",

"createTime": "2018-12-06 12:54:02.752512Z",

"updateTime": "2018-12-06 12:54:02.752512Z"

}

]

}

* **Remark:** None

3.6.2 Method: POST

* **Name:** 添加服务器配置模板
* **Header:**

|  |  |  |
| --- | --- | --- |
| **Key** | **Value** | **Describe** |
| Content-Type | application/json |  |
| SToken | uuid4 | token 标识 |
| Signature | hex string | secret 与请求参数的 hmac 值 |

* **Permissions:** [IsAdministrator]
* **Params:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key** | **Type** | **Range** | **Required** | **Describe** |
| requestTime | datetime |  | true | 请求时间，必须为当前时间 |
| id | int |  | false |  |
| title | string | 1-64 | true | 配置模板名称 |
| manufacturer | string | 1-64 | true | 服务器出厂厂商 |
| brand | string | 1-64 | true | 品牌 |
| model | string | 1-64 | true | 型号 |
| cores | int | > 0 | true | 核心数量 |
| memory | int | > 0 | true | 内存，G 为单位 |
| disk | int | > 0 | true | 磁盘容量，G 为单位 |
| interface | int | > 0 | true | 网口数量 |
| bandwidth | int | > 0 | true | 网口带宽，M 为单位 |
| osVersion | string | 1-64 | true | 操作系统版本 |
| kernelVersion | string | 1-64 | true | 内核版本 |
| isActivated | bool | true/false | true | 是否启用 |
| remark | string | 0-128 | false | 备注 |
| createTime | datetime |  | false | 创建时间 |
| updateTime | datetime |  | false | 更新时间 |

* **InputOnly:** [requestTime]
* **OutputOnly:** [id, createTime, updateTime]
* **Params example:**

{

"requestTime": "2018-12-06 12:54:02.752512Z"

"title": "高配版",

"manufacturer": "戴尔",

"brand": "Tower Server",

"model": "[PowerEdge T30](https://www.dell.com/zh-cn/work/shop/povw/poweredge-t30" \t "/Users/lfzhu\\x/_self)",

"cores": 10,

"memory": 64,

"disk": 4096,

"interface": 4,

"bandwidth": 10000,

"osVersion": "Ubuntu16.04",

"kernelVersion": "3.10.0-862.14.4.el7.x86\_64",

"isActivated": true,

"remark": "",

}

* **Response:**

{

"id": 1,

"title": "高配版",

"manufacturer": "戴尔",

"brand": "Tower Server",

"model": "[PowerEdge T30](https://www.dell.com/zh-cn/work/shop/povw/poweredge-t30" \t "/Users/lfzhu\\x/_self)",

"cores": 10,

"memory": 64,

"disk": 4096,

"interface": 4,

"bandwidth": 10000,

"osVersion": "Ubuntu16.04",

"kernelVersion": "3.10.0-862.14.4.el7.x86\_64",

"isActivated": true,

"remark": "",

"createTime": "2018-12-06 12:54:02.752512Z",

"updateTime": "2018-12-06 12:54:02.752512Z"

}

* **Remark:** None

3.7 /sealCenter/config/v1.0/serverConfigs/(?P<id>[0-9]+)

3.7.1 Method: GET

* **Name:** 获取某个服务器配置模板
* **Header:**

|  |  |  |
| --- | --- | --- |
| **Key** | **Value** | **Describe** |
| SToken | uuid4 | token 标识 |
| Signature | hex string | secret 与请求参数的 hmac 值 |

* **Permissions:** [IsAdministrator]
* **Params:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key** | **Type** | **Range** | **Required** | **Describe** |
| requestTime | datetime |  | true | 请求时间，必须是当前时间 |
| id | int |  | false |  |
| title | string | 1-64 | false | 配置模板名称 |
| manufacturer | string | 1-64 | false | 服务器出厂厂商 |
| brand | string | 1-64 | false | 品牌 |
| model | string | 1-64 | false | 型号 |
| cores | int | > 0 | false | 核心数量 |
| memory | int | > 0 | false | 内存，G 为单位 |
| disk | int | > 0 | false | 磁盘容量，G 为单位 |
| interface | int | > 0 | false | 网口数量 |
| bandwidth | int | > 0 | false | 网口带宽，M 为单位 |
| osVersion | string | 1-64 | false | 操作系统版本 |
| kernelVersion | string | 1-64 | false | 内核版本 |
| isActivated | bool | true/false | false | 是否启用 |
| remark | string | 0-128 | false | 备注 |
| createTime | datetime |  | false | 创建时间 |
| updateTime | datetime |  | false | 更新时间 |

* **InputOnly:** [requestTime]
* **OutputOnly:**

[id, title, manufacturer, brand, model, cores, memory, disk, interface,

bandwidth, osVersion, kernelVersion, isActivated, remark, createTime, updateTime]

* **Params example:**

{

"requestTime": "2018-12-06 12:54:02.752512Z"

}

* **Response:**

{

"id": 1,

"title": "高配版",

"manufacturer": "戴尔",

"brand": "Tower Server",

"model": "[PowerEdge T30](https://www.dell.com/zh-cn/work/shop/povw/poweredge-t30" \t "/Users/lfzhu\\x/_self)",

"cores": 10,

"memory": 64,

"disk": 4096,

"interface": 4,

"bandwidth": 10000,

"osVersion": "Ubuntu16.04",

"kernelVersion": "3.10.0-862.14.4.el7.x86\_64",

"isActivated": true,

"remark": "",

"createTime": "2018-12-06 12:54:02.752512Z",

"updateTime": "2018-12-06 12:54:02.752512Z"

}

* **Remark:** None

3.7.2 Method: PUT

* **Name:** 更新某个服务器配置模板
* **Header:**

|  |  |  |
| --- | --- | --- |
| **Key** | **Value** | **Describe** |
| Content-Type | application/json |  |
| SToken | uuid4 | token 标识 |
| Signature | hex string | secret 与请求参数的 hmac 值 |

* **Permissions:** [IsAdministrator]
* **Params:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key** | **Type** | **Range** | **Required** | **Describe** |
| requestTime | datetime |  | true | 请求时间，必须为当前时间 |
| id | int |  | false |  |
| title | string | 1-64 | false | 配置模板名称 |
| manufacturer | string | 1-64 | false | 服务器出厂厂商 |
| brand | string | 1-64 | false | 品牌 |
| model | string | 1-64 | false | 型号 |
| cores | int | > 0 | false | 核心数量 |
| memory | int | > 0 | false | 内存，G 为单位 |
| disk | int | > 0 | false | 磁盘容量，G 为单位 |
| interface | int | > 0 | false | 网口数量 |
| bandwidth | int | > 0 | false | 网口带宽，M 为单位 |
| osVersion | string | 1-64 | false | 操作系统版本 |
| kernelVersion | string | 1-64 | false | 内核版本 |
| isActivated | bool | true/false | false | 是否启用 |
| remark | string | 0-128 | false | 备注 |
| createTime | datetime |  | false | 创建时间 |
| updateTime | datetime |  | false | 更新时间 |

* **InputOnly:** [requestTime]
* **OutputOnly:** [id, createTime, updateTime]
* **Params example:**

{

"isActivated": true,

"requestTime": "2018-12-06 12:54:02.752512Z"

}

* **Response:**

{

"id": 1,

"title": "高配版",

"manufacturer": "戴尔",

"brand": "Tower Server",

"model": "[PowerEdge T30](https://www.dell.com/zh-cn/work/shop/povw/poweredge-t30" \t "/Users/lfzhu\\x/_self)",

"cores": 10,

"memory": 64,

"disk": 4096,

"interface": 4,

"bandwidth": 10000,

"osVersion": "Ubuntu16.04",

"kernelVersion": "3.10.0-862.14.4.el7.x86\_64",

"isActivated": true,

"remark": "",

"createTime": "2018-12-06 12:54:02.752512Z",

"updateTime": "2018-12-06 12:54:02.752512Z"

}

* **Remark:** None

3.7.3 Method: DELETE

* **Name:** 删除系统某个配置项
* **Header:**

|  |  |  |
| --- | --- | --- |
| **Key** | **Value** | **Describe** |
| SToken | uuid4 | token 标识 |
| Signature | hex string | secret 与请求参数的 hmac 值 |

* **Permissions:** [IsAdministrator]
* **Params:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key** | **Type** | **Range** | **Required** | **Describe** |
| requestTime | datetime |  | true | 请求时间，必须为当前时间 |

* **InputOnly:** [requestTime]
* **OutputOnly:** [ ]
* **Params example:**

{

"requestTime": "2018-12-06 12:54:02.752512Z"

}

* **Response:** None
* **Remark:** None

3.8 /sealCenter/config/v1.0/roleScopes

3.8.1 Method: GET

* **Name:** 列举所有的角色类型
* **Header:**

|  |  |  |
| --- | --- | --- |
| **Key** | **Value** | **Describe** |
| SToken | uuid4 | token 标识 |
| Signature | hex string | secret 与请求参数的 hmac 值 |

* **Permissions:** [IsAdministrator]
* **Params:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key** | **Type** | **Range** | **Required** | **Describe** |
| requestTime | datetime |  | true | 请求时间，必须是当前时间 |

* **InputOnly:** [requestTime]
* **OutputOnly:** [ ]
* **OrderByFields:** [id, name, createTime]
* **DefaultOrderBy:** id
* **Params example:**

{

"offset": 0,

"limit": 20,

"orderBy": "id",

"requestTime": "2018-12-06 12:54:02.752512Z"

}

* **Response:**

{

"total": 2,

"entries": [

{

"id": 1,

"name": "seal-approver",

"createTime": "2018-12-06 12:54:02.752512Z"

},

{

"id": 2,

"name": "user-approver",

"createTime": "2018-12-06 12:54:02.752512Z"

}

]

}

* **Remark:** None

3.8.2 Method: POST

* **Name:** 添加角色类型
* **Header:**

|  |  |  |
| --- | --- | --- |
| **Key** | **Value** | **Describe** |
| Content-Type | application/json |  |
| SToken | uuid4 | token 标识 |
| Signature | hex string | secret 与请求参数的 hmac 值 |

* **Permissions:** [IsAdministrator]
* **Params:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key** | **Type** | **Range** | **Required** | **Describe** |
| requestTime | datetime |  | true | 请求时间，必须为当前时间 |
| id | int |  | false |  |
| name | string | 1-64 | true | 角色类型 |
| createTime | datetime |  | false | 创建时间 |

* **InputOnly:** [requestTime]
* **OutputOnly:** [id, createTime]
* **Params example:**

{

"name": "seal-approver",

"requestTime": "2018-12-06 12:54:02.752512Z"

}

* **Response:**

{

"id": 1,

"name": "seal-approver",

"createTime": "2018-12-06 12:54:02.752512Z"

}

* **Remark:** None

3.9 /sealCenter/config/v1.0/roleScopes/(?P<id>[0-9]+)

3.9.1 Method: GET

* **Name:** 获取系统某个角色类型
* **Header:**

|  |  |  |
| --- | --- | --- |
| **Key** | **Value** | **Describe** |
| SToken | uuid4 | token 标识 |
| Signature | hex string | secret 与请求参数的 hmac 值 |

* **Permissions:** [IsAdministrator]
* **Params:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key** | **Type** | **Range** | **Required** | **Describe** |
| requestTime | datetime |  | true | 请求时间，必须是当前时间 |
| id | int |  | false |  |
| name | string | 1-64 | true | 角色类型 |
| createTime | datetime |  | false | 创建时间 |

* **InputOnly:** [requestTime]
* **OutputOnly:** [id, name, createTime]
* **Params example:**

{

"requestTime": "2018-12-06 12:54:02.752512Z"

}

* **Response:**

{

"id": 1,

"name": "seal-approver",

"createTime": "2018-12-06 12:54:02.752512Z"

}

* **Remark:** None

3.9.2 Method: DELETE

* **Name:** 删除某个角色类别
* **Header:**

|  |  |  |
| --- | --- | --- |
| **Key** | **Value** | **Describe** |
| SToken | uuid4 | token 标识 |
| Signature | hex string | secret 与请求参数的 hmac 值 |

* **Permissions:** [IsAdministrator]
* **Params:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key** | **Type** | **Range** | **Required** | **Describe** |
| requestTime | datetime |  | true | 请求时间，必须为当前时间 |

* **InputOnly:** [requestTime]
* **OutputOnly:** [ ]
* **Params example:**

{

"requestTime": "2018-12-06 12:54:02.752512Z"

}

* **Response:** None
* **Remark:** None

3.10 /sealCenter/config/v1.0/departments

3.8.1 Method: GET

* **Name:** 列举所有的部门
* **Header:**

|  |  |  |
| --- | --- | --- |
| **Key** | **Value** | **Describe** |
| SToken | uuid4 | token 标识 |
| Signature | hex string | secret 与请求参数的 hmac 值 |

* **Permissions:** [IsAdministrator]
* **Params:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key** | **Type** | **Range** | **Required** | **Describe** |
| requestTime | datetime |  | true | 请求时间，必须是当前时间 |

* **InputOnly:** [requestTime]
* **OutputOnly:** [ ]
* **OrderByFields:** [id, name, createTime]
* **DefaultOrderBy:** id
* **Params example:**

{

"offset": 0,

"limit": 20,

"orderBy": "id",

"requestTime": "2018-12-06 12:54:02.752512Z"

}

* **Response:**

{

"total": 2,

"entries": [

{

"id": 1,

"name": "seal-approver",

"createTime": "2018-12-06 12:54:02.752512Z"

},

{

"id": 2,

"name": "user-approver",

"createTime": "2018-12-06 12:54:02.752512Z"

}

]

}

* **Remark:** None

3.8.2 Method: POST

* **Name:** 添加部门
* **Header:**

|  |  |  |
| --- | --- | --- |
| **Key** | **Value** | **Describe** |
| Content-Type | application/json |  |
| SToken | uuid4 | token 标识 |
| Signature | hex string | secret 与请求参数的 hmac 值 |

* **Permissions:** [IsAdministrator]
* **Params:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key** | **Type** | **Range** | **Required** | **Describe** |
| requestTime | datetime |  | true | 请求时间，必须为当前时间 |
| id | int |  | false |  |
| name | string | 1-64 | true | 角色类型 |
| createTime | datetime |  | false | 创建时间 |

* **InputOnly:** [requestTime]
* **OutputOnly:** [id, createTime]
* **Params example:**

{

"name": "Marketing",

"requestTime": "2018-12-06 12:54:02.752512Z"

}

* **Response:**

{

"id": 1,

"name": "Marketing",

"createTime": "2018-12-06 12:54:02.752512Z"

}

* **Remark:** None

3.11 /sealCenter/config/v1.0/departments/(?P<id>[0-9]+)

3.11.1 Method: GET

* **Name:** 获取某个部门
* **Header:**

|  |  |  |
| --- | --- | --- |
| **Key** | **Value** | **Describe** |
| SToken | uuid4 | token 标识 |
| Signature | hex string | secret 与请求参数的 hmac 值 |

* **Permissions:** [IsAdministrator]
* **Params:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key** | **Type** | **Range** | **Required** | **Describe** |
| requestTime | datetime |  | true | 请求时间，必须是当前时间 |
| id | int |  | false |  |
| name | string | 1-64 | true | 角色类型 |
| createTime | datetime |  | false | 创建时间 |

* **InputOnly:** [requestTime]
* **OutputOnly:** [id, name, createTime]
* **Params example:**

{

"requestTime": "2018-12-06 12:54:02.752512Z"

}

* **Response:**

{

"id": 1,

"name": "Marketing",

"createTime": "2018-12-06 12:54:02.752512Z"

}

* **Remark:** None

3.11.2 Method: DELETE

* **Name:** 删除某个部门
* **Header:**

|  |  |  |
| --- | --- | --- |
| **Key** | **Value** | **Describe** |
| SToken | uuid4 | token 标识 |
| Signature | hex string | secret 与请求参数的 hmac 值 |

* **Permissions:** [IsAdministrator]
* **Params:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key** | **Type** | **Range** | **Required** | **Describe** |
| requestTime | datetime |  | true | 请求时间，必须为当前时间 |

* **InputOnly:** [requestTime]
* **OutputOnly:** [ ]
* **Params example:**

{

"requestTime": "2018-12-06 12:54:02.752512Z"

}

* **Response:** None
* **Remark:** None

用户模块

3.1 /sealCenter/console/v1.0/users

3.1.1 Method: POST

* **Name:** 添加控制台用户
* **Header:**

|  |  |  |
| --- | --- | --- |
| **Key** | **Value** | **Describe** |
| Content-Type | application/json |  |
| SToken | uuid4 | token 标识 |
| Signature | hex string | secret 与请求参数的 hmac 值 |

* **Permissions:** [IsActivated, IsConsoleUser, AddConsoleUser]
* **Params:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key** | **Type** | **Range** | **Required** | **Describe** |
| account | string | 11 | true | 账号，手机号 |
| password | string | 6-20 | true | 密码，数字、大小写字母、字符两种组合 |
| subRoles | list |  | true | 二级角色列表 |
| requestTime | datetime |  | true | 请求时间，必须为当前时间 |
| role | Role | CONSOLE\_USER | false | 角色，为控制台用户 |
| userId | string | uuid4 | false | 用户 id |
| isActivated | bool | true/false | false | 用户账号是否激活 |
| createTime | datetime |  | false | 创建时间 |
| updateTime | datetime |  | false | 更新时间 |

* **InputOnly:** [password, subRole, requestTime]
* **OutputOnly:** [userId, role, isActivated, createTime, updateTime]
* **Params example:**

{

"account": "18688880000",

"password": "very-secret",

"subRoles": ["SealApprover", ],

"requestTime": "2018-12-06 12:54:02.752512Z"

}

* **Response:**

{

"userId": "a449680f-e4f2-4be5-8203-17ec6a2c65b5",

"account": "18688880000",

"role": "CONSOLE\_USER",

"isActivated": "True",

"createTime": "2018-12-06 12:54:02.752512Z",

"updateTime": "2018-12-06 12:54:02.752512Z"

}

* **Remark:** None

3.1.2 Method: GET

* **Name:** 列举控制台用户
* **Header:**

|  |  |  |
| --- | --- | --- |
| **Key** | **Value** | **Describe** |
| SToken | uuid4 | token 标识 |
| Signature | hex string | secret 与请求参数的 hmac 值 |

* **Permissions:** [IsActivated, IsConsoleUser, ListConsoleUser]
* **Params:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key** | **Type** | **Range** | **Required** | **Describe** |
| requestTime | datetime |  | true | 请求时间，必须为当前时间 |
| employeeId | int |  | false | 员工 id |
| name | string | 0-64 | false | 员工姓名 |
| department | string | 0-64 | false | 部门 |
| isActivated | bool | true/false | false | 用户是否启用 |

* **InputOnly:** [ requestTime, employeeId, name, department, isActivated]
* **OutputOnly:** [ ]
* **OrderByFields:** [createTime, updateTime]
* **DefaultOrderBy:** -createTime
* **Params example:**

{

"offset": 0,

"limit": 20,

"orderBy": "-createTime",

"requestTime": "2018-12-06 12:54:02.752512Z"

}

* **Response:**

{

"total": 2,

"entries": [

{

"userId": "a449680f-e4f2-4be5-8203-17ec6a2c65b5",

"account": "18688880000",

"role": "CONSOLE\_USER",

"subRoles": ["SealApprover", ],

"isActivated": "True",

"createTime": "2018-12-06 12:54:02.752512Z",

"updateTime": "2018-12-06 12:54:02.752512Z",

"status": {

"name": "Joe",

"employeeId": "004",

"department": "Marketing",

"createTime": "2018-12-05 12:54:02.752512Z",

"updateTime": "2018-12-05 12:54:02.752512Z"

}

},

{

"userId": "a449680f-e4f2-4be5-8203-17ec6a2c65b6",

"account": "18688880001",

"role": "CONSOLE\_USER",

"subRoles": ["SealApprover", ],

"isActivated": "True",

"createTime": "2018-12-05 12:54:02.752512Z",

"updateTime": "2018-12-05 12:54:02.752512Z",

"status": {

"name": "Joe",

"employeeId": "004",

"department": "Marketing",

"createTime": "2018-12-05 12:54:02.752512Z",

"updateTime": "2018-12-05 12:54:02.752512Z"

}

}

]

}

* **Remark:** None

3.2 /sealCenter/console/v1.0/users/(?P<userId>[0-9a-zA-Z-\_]+)

3.2.1 Method: GET

* **Name:** 获取控制台用户信息
* **Header:**

|  |  |  |
| --- | --- | --- |
| **Key** | **Value** | **Describe** |
| SToken | uuid4 | token 标识 |
| Signature | hex string | secret 与请求参数的 hmac 值 |

* **Permissions:** [IsActivated, IsConsoleUser, ListConsoleUser]
* **Params:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key** | **Type** | **Range** | **Required** | **Describe** |
| requestTime | datetime |  | true | 请求时间，必须为当前时间 |

* **InputOnly:** [requestTime]
* **OutputOnly:** [ ]
* **Params example:**

{

"requestTime": "2018-12-06 12:54:02.752512Z"

}

* **Response:**

{

"userId": "a449680f-e4f2-4be5-8203-17ec6a2c65b5",

"account": "18688880000",

"role": "CONSOLE\_USER",

"subRoles": ["SealApprover", ],

"isActivated": "True",

"createTime": "2018-12-06 12:54:02.752512Z",

"updateTime": "2018-12-06 12:54:02.752512Z",

"status": {

"name": "Joe",

"employeeId": "004",

"department": "Marketing",

"createTime": "2018-12-05 12:54:02.752512Z",

"updateTime": "2018-12-05 12:54:02.752512Z"

}

}

* **Remark:** None

3.2.2 Method: PUT

* **Name:** 更新控制台用户信息
* **Header:**

|  |  |  |
| --- | --- | --- |
| **Key** | **Value** | **Describe** |
| Content-Type | application/json |  |
| SToken | uuid4 | token 标识 |
| Signature | hex string | secret 与请求参数的 hmac 值 |

* **Permissions:** [IsActivated, IsConsoleUser, UpdateConsoleUser]
* **Params:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key** | **Type** | **Range** | **Required** | **Describe** |
| requestTime | datetime |  | true | 请求时间，必须为当前时间 |
| account | string | 5-64 | false | 账号，手机号 |
| password | string | 6-20 | false | 密码，数字、大小写字母、字符两种组合 |
| isActivated | bool | true/false | false | 用户账号是否激活 |
| name | string | 0-64 | false | 姓名 |
| employeeId | string | 0-32 | false | 员工 id |
| department | string | 0-64 | false | 部门 |
| subRoles | list |  | false | 角色列表 |

* **InputOnly:** [requestTime, password]
* **OutputOnly:** [ ]
* **Params example:**

{

"requestTime": "2018-12-06 12:54:02.752512Z",

"account": "18688880001",

"password": "a-secret",

"isActivated": "True"

}

* **Response:**

{

"userId": "a449680f-e4f2-4be5-8203-17ec6a2c65b5",

"account": "18688880000",

"role": "CONSOLE\_USER",

"subRoles": ["SealApprover", ],

"isActivated": "True",

"createTime": "2018-12-06 12:54:02.752512Z",

"updateTime": "2018-12-06 12:54:02.752512Z",

"status": {

"name": "Joe",

"employeeId": "004",

"department": "Marketing",

"createTime": "2018-12-05 12:54:02.752512Z",

"updateTime": "2018-12-05 12:54:02.752512Z"

}

}

* **Remark:** None

3.2.3 Method: DELETE

* **Name:** 删除控制台用户
* **Header:**

|  |  |  |
| --- | --- | --- |
| **Key** | **Value** | **Describe** |
| SToken | uuid4 | token 标识 |
| Signature | hex string | secret 与请求参数的 hmac 值 |

* **Permissions:** [IsActivated, IsConsoleUser, DeleteConsoleUser]
* **Params:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key** | **Type** | **Range** | **Required** | **Describe** |
| requestTime | datetime |  | true | 请求时间，必须为当前时间 |

* **InputOnly:** [requestTime]
* **OutputOnly:** [ ]
* **Params example:**

{

"requestTime": "2018-12-06 12:54:02.752512Z"

}

* **Response:** None
* **Remark:** None

3.3 /sealCenter/v1.0/graphCode

3.3.1 Method: POST

* **Name:** 客户端获取图片验证码
* **Header:**

|  |  |  |
| --- | --- | --- |
| **Key** | **Value** | **Describe** |
| Content-Type | application/json |  |

* **Permissions:** [IsActivated]
* **Params:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key** | **Type** | **Range** | **Required** | **Describe** |
| graphCode | string |  | false | 图形验证码，base64 编码 |
| graphCodeId | string | uuid4 | true | 图形验证码 id |
| retrySeconds | int | 0-300 | false | 多少秒后重试 |

* **InputOnly:** [ ]
* **OutputOnly:** [graphCode, retrySeconds]
* **Params example:**

{

"graphCodeId": "ddabd77b-7bdf-4faa-b457-f7fc14b9ec48"

}

* **Response:**

{

"graphCodeId": "ddabd77b-7bdf-4faa-b457-f7fc14b9ec48",

"graphCode": "hruekxukxd01p",

"retrySeconds": 5

}

* **Remark:**

服务端某些接口需要防止机器人调用或者恶意刷接口，因此需要进行图形验证码验证。客户端使用唯一 uuid 向服务端请求图形验证码，服务端随机生成验证码，并通过验证码生成验证码图片，将 graphCodeId 与图形验证码的 base64 编码值 graphCode 一起返回。同时服务端将 graphCodeId 与验证码值一起缓存，设置比较短的过期时间。客户端后续需携 graphCodeId 与解析出的验证码一起调用服务端接口。

服务端会返回 retrySeconds，告诉客户端多长时间后可以重试，这个值可由客户端在按钮上展示，但实际上并不能限制客户端调用服务端接口。

3.4 /sealCenter/v1.0/verifyCode

3.4.1 Method: POST

* **Name:** 客户端发送邮箱验证码
* **Header:**

|  |  |  |
| --- | --- | --- |
| **Key** | **Value** | **Describe** |
| Content-Type | application/json |  |

* **Permissions:** [IsActivated]
* **Params:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key** | **Type** | **Range** | **Required** | **Describe** |
| account | string | 5-64 | true | 邮箱账号 |
| retrySeconds | int | 0-300 | false | 多少秒后重试 |

* **InputOnly:** [ ]
* **OutputOnly:** [ retrySeconds]
* **Params example:**

{

"account": "yjdev@yunjingit.com"

}

* **Response:**

{

"account": "yjdev@yunjingit.com",

"retrySeconds": 60

}

* **Remark:**

服务端会返回 retrySeconds，告诉客户端多长时间后可以重试，这个值可由客户端在按钮上展示，服务端有能力限制在该时间内接口不可调用。

3.5 /sealCenter/v1.0/register

3.5.1 Method: POST

* **Name:** 客户端用户注册
* **Header:**

|  |  |  |
| --- | --- | --- |
| **Key** | **Value** | **Describe** |
| Content-Type | application/json |  |

* **Permissions:** [IsActivated]
* **Params:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key** | **Type** | **Range** | **Required** | **Describe** |
| account | string | 5-64 | true | 账号，邮箱 |
| password | string | 6-20 | true | 密码，数字、大小写字母、字符两种组合 |
| graphCode | string | 4 | true | 图形验证码 |
| graphCodeId | string | uuid4 | true | 图形验证码 id |
| verifyCode | string | 6 | true | 邮箱验证码 |
| userId | string | uuid4 | false | 用户 id |
| role | enum(Role) | CLIENT\_USER | false | 用户角色，为客户端用户 |
| isActivated | bool | true/false | false | 用户账号是否激活 |
| createTime | datetime |  | false | 创建时间 |
| updateTime | datetime |  | false | 更新时间 |

* **InputOnly:** [password, graphCode, graphCodeId, verifyCode]
* **OutputOnly:** [userId, isActivated, createTime, updateTime]
* **Params example:**

{

"account": ["yjdev@yunjingit.com",](mailto:\"yjdev@yunjingit.com\",)

"password": "very-secret",

"graphCodeId": "ddabd77b-7bdf-4faa-b457-f7fc14b9ec48",

"graphCode": "9986",

"verifyCode": "345891"

}

* **Response:**

{

"userId": "a449680f-e4f2-4be5-8203-17ec6a2c65b5",

"account": ["yjdev@yunjingit.com",](mailto:\"yjdev@yunjingit.com\",)

"role": "CLIENT\_USER",

"isActivated": "True",

"createTime": "2018-12-06 12:54:02.752512Z",

"updateTime": "2018-12-06 12:54:02.752512Z"

}

* **Remark:**

经由该接口进行注册的用户，用户角色一律为 CLIENT\_USER。

3.6 /sealCenter/v1.0/login

3.6.1 Method: POST

* **Name:** 用户登录，包括客户端用户和控制台用户
* **Header:**

|  |  |  |
| --- | --- | --- |
| **Key** | **Value** | **Describe** |
| Content-Type | application/json |  |

* **Permissions:** [IsActivated]
* **Params:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Key** | **Type** | **Range** | | **Required** | **Describe** |
| account | string | 5-64 | | true | 账号，邮箱或手机号 |
| password | string | 6-20 | | true | 密码，数字、大小写字母、字符两种组合 |
| token | string | uuid4 | false | | token id |
| secret | string | uuid4 | false | | token 密钥 |
| host | string | 1-64 | false | | 允许访问的 host 地址 |
| expiryTime | datetime |  | false | | 过期时间 |
| createTime | datetime |  | false | | 创建时间 |

* **InputOnly:** [account, password]
* **OutputOnly:** [token, secret, host, expiryTime, createTime]
* **Params example:**

{

"account": ["yjdev@yunjingit.com",](mailto:\"yjdev@yunjingit.com\",)

"password": "very-secret"

}

* **Response:**

{

"token": "bbf40f66-63df-466c-a5d0-9bdc137f735c",

"secret": "a449680f-e4f2-4be5-8203-17ec6a2c65b5",

"host": "\*",

"expiryTime": "2018-12-06T13:57:12.687119",

"createTime": "2018-12-06T13:27:12.692629Z"

}

* **Remark:**

后端系统中，一个账号，在任何时间点，最多只能有一个有效的 token。若登录时，发现已经存在 token，则将已存在的 token 删除，并为本次登录生成新的 token。原有的客户端在请求时，发现自己的 token 被删除了，并且账号存在对应的 token，则提示它被挤下线。

3.6.2 Method: DELETE

* **Name:** 用户退出登录，包括客户端用户和控制台用户
* **Header:**

|  |  |  |
| --- | --- | --- |
| **Key** | **Value** | **Describe** |
| SToken | uuid4 | token 标识 |
| Signature | hex string | secret 与请求参数的 hmac 值 |

* **Permissions:** [IsActivated, IsClientUser | IsConsoleUser]
* **Params:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key** | **Type** | **Range** | **Required** | **Describe** |
| requestTime | datetime |  | true | 请求时间，必须是当前时间 |

* **InputOnly:** [requestTime]
* **OutputOnly:** [ ]
* **Params example:**

{

"requestTime": "2018-12-06 12:54:02.752512Z"

}

* **Response:** None
* **Remark:** None

3.7 /sealCenter/console/v1.0/userInfo

3.7.1 Method: GET

* **Name:** 控制台用户查询自身账号信息
* **Header:**

|  |  |  |
| --- | --- | --- |
| **Key** | **Value** | **Describe** |
| SToken | uuid4 | token 标识 |
| Signature | hex string | secret 与请求参数的 hmac 值 |

* **Permissions:** [IsActivated, IsConsoleUser]
* **Params:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key** | **Type** | **Range** | **Required** | **Describe** |
| requestTime | datetime |  | true | 请求时间，必须是当前时间 |
| userId | string | uuid4 | false | 用户 id |
| account | string | 5-64 | false | 用户账号 |
| role | enum(Role) | CONSOLE\_USER | false | 用户角色，为控制台用户 |
| isActivated | bool | true/false | false | 用户账号是否激活 |
| createTime | datetime |  | false | 创建时间 |
| updateTime | datetime |  | false | 更新时间 |

* **InputOnly:** [requestTime]
* **OutputOnly:** [userId, account, role, isActivated, createTime, updateTime]
* **Params example:**

{

"requestTime": "2018-12-06 12:54:02.752512Z"

}

* **Response:**

{

"userId": "a449680f-e4f2-4be5-8203-17ec6a2c65b5",

"account": ["yjdev@yunjingit.com",](mailto:\"yjdev@yunjingit.com\",)

"role": "CLIENT\_USER",

"isActivated": "True",

"createTime": "2018-12-06 12:54:02.752512Z",

"updateTime": "2018-12-06 12:54:02.752512Z"

}

* **Remark:** None

3.7.2 Method: PUT

* **Name:** 控制台用户更新自身信息
* **Header:**

|  |  |  |
| --- | --- | --- |
| **Key** | **Value** | **Describe** |
| Content-Type | application/json |  |
| SToken | uuid4 | token 标识 |
| Signature | hex string | secret 与请求参数的 hmac 值 |

* **Permissions:** [IsActivated, IsConsoleUser]
* **Params:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key** | **Type** | **Range** | **Required** | **Describe** |
| requestTime | datetime |  | true | 请求时间，必须为当前时间 |
| userId | string | uuid4 | false | 用户 id |
| account | string | 5-64 | false | 账号，手机号 |
| password | string | 6-20 | false | 密码，数字、大小写字母、字符两种组合 |
| role | Role | CONSOLE\_USER | false | 角色，为控制台用户 |
| isActivated | bool | true/false | false | 用户账号是否激活 |
| createTime | datetime |  | false | 创建时间 |
| updateTime | datetime |  | false | 更新时间 |

* **InputOnly:** [requestTime, password]
* **OutputOnly:** [userId, account, role, isActivated, createTime, updateTime]
* **Params example:**

{

"requestTime": "2018-12-06 12:54:02.752512Z",

"password": "a-secret"

}

* **Response:**

{

"userId": "a449680f-e4f2-4be5-8203-17ec6a2c65b5",

"account": "18688880000",

"role": "CONSOLE\_USER",

"isActivated": "True",

"createTime": "2018-12-06 12:54:02.752512Z",

"updateTime": "2018-12-06 12:54:02.752512Z"

}

* **Remark:** None

3.8 /sealCenter/console/v1.0/userInfo/status

3.8.1 Method: GET

* **Name:** 控制台用户查询自身账号状态信息
* **Header:**

|  |  |  |
| --- | --- | --- |
| **Key** | **Value** | **Describe** |
| SToken | uuid4 | token 标识 |
| Signature | hex string | secret 与请求参数的 hmac 值 |

* **Permissions:** [IsActivated, IsConsoleUser]
* **Params:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key** | **Type** | **Range** | **Required** | **Describe** |
| requestTime | datetime |  | true | 请求时间，必须是当前时间 |
| userId | string | uuid4 | false | 用户 id |
| name | string | 0-64 | false | 用户姓名 |
| employeeId | string | 0-32 | false | 员工 id |
| department | string | 0-64 | false | 部门 |
| createTime | datetime |  | false | 创建时间 |
| updateTime | datetime |  | false | 更新时间 |

* **InputOnly:** [requestTime]
* **OutputOnly:** [userId, name, employeeId, department, createTime, updateTime]
* **Params example:**

{

"requestTime": "2018-12-06 12:54:02.752512Z"

}

* **Response:**

{

"userId": "a449680f-e4f2-4be5-8203-17ec6a2c65b5",

"name": "Joe",

"employeeId": "004",

"department": "Marketing",

"createTime": "2018-12-06 12:54:02.752512Z",

"updateTime": "2018-12-06 12:54:02.752512Z"

}

* **Remark:** None

3.8.2 Method: PUT

* **Name:** 控制台用户更新自身状态信息
* **Header:**

|  |  |  |
| --- | --- | --- |
| **Key** | **Value** | **Describe** |
| Content-Type | application/json |  |
| SToken | uuid4 | token 标识 |
| Signature | hex string | secret 与请求参数的 hmac 值 |

* **Permissions:** [IsActivated, IsConsoleUser]
* **Params:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key** | **Type** | **Range** | **Required** | **Describe** |
| requestTime | datetime |  | true | 请求时间，必须为当前时间 |
| userId | string | uuid4 | false | 用户 id |
| name | string | 0-64 | false | 用户姓名 |
| employeeId | string | 0-32 | false | 员工 id |
| department | string | 0-64 | false | 部门 |
| createTime | datetime |  | false | 创建时间 |
| updateTime | datetime |  | false | 更新时间 |

* **InputOnly:** [requestTime]
* **OutputOnly:** [userId, createTime, updateTime]
* **Params example:**

{

"requestTime": "2018-12-06 12:54:02.752512Z",

"name": "Mack"

}

* **Response:**

{

"userId": "a449680f-e4f2-4be5-8203-17ec6a2c65b5",

"name": "Joe",

"employeeId": "004",

"department": "Marketing",

"createTime": "2018-12-06 12:54:02.752512Z",

"updateTime": "2018-12-06 12:54:02.752512Z"

}

* **Remark:** None

3.9 /sealCenter/v1.0/userInfo

3.9.1 Method: GET

* **Name:** 客户端用户查询自身账号信息
* **Header:**

|  |  |  |
| --- | --- | --- |
| **Key** | **Value** | **Describe** |
| SToken | uuid4 | token 标识 |
| Signature | hex string | secret 与请求参数的 hmac 值 |

* **Permissions:** [IsActivated, IsClientUser]
* **Params:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key** | **Type** | **Range** | **Required** | **Describe** |
| requestTime | datetime |  | true | 请求时间，必须是当前时间 |
| userId | string | uuid4 | false | 用户 id |
| account | string | 5-64 | false | 用户账号 |
| role | enum(Role) | CLIENT\_USER | false | 用户角色，为控制台用户 |
| isActivated | bool | true/false | false | 用户账号是否激活 |
| createTime | datetime |  | false | 创建时间 |
| updateTime | datetime |  | false | 更新时间 |

* **InputOnly:** [requestTime]
* **OutputOnly:** [userId, account, role, isActivated, createTime, updateTime]
* **Params example:**

{

"requestTime": "2018-12-06 12:54:02.752512Z"

}

* **Response:**

{

"userId": "a449680f-e4f2-4be5-8203-17ec6a2c65b5",

"account": ["yjdev@yunjingit.com",](mailto:\"yjdev@yunjingit.com\",)

"role": "CLIENT\_USER",

"isActivated": "True",

"createTime": "2018-12-06 12:54:02.752512Z",

"updateTime": "2018-12-06 12:54:02.752512Z"

}

* **Remark:** None

3.9.2 Method: PUT

* **Name:** 客户端用户更新自身信息
* **Header:**

|  |  |  |
| --- | --- | --- |
| **Key** | **Value** | **Describe** |
| Content-Type | application/json |  |
| SToken | uuid4 | token 标识 |
| Signature | hex string | secret 与请求参数的 hmac 值 |

* **Permissions:** [IsActivated, IsClientUser]
* **Params:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key** | **Type** | **Range** | **Required** | **Describe** |
| requestTime | datetime |  | true | 请求时间，必须为当前时间 |
| userId | string | uuid4 | false | 用户 id |
| account | string | 5-64 | false | 账号，手机号 |
| password | string | 6-20 | false | 密码，数字、大小写字母、字符两种组合 |
| role | Role | CLIENT\_USER | false | 角色，为控制台用户 |
| isActivated | bool | true/false | false | 用户账号是否激活 |
| createTime | datetime |  | false | 创建时间 |
| updateTime | datetime |  | false | 更新时间 |

* **InputOnly:** [requestTime, password]
* **OutputOnly:** [userId, account, role, isActivated, createTime, updateTime]
* **Params example:**

{

"requestTime": "2018-12-06 12:54:02.752512Z",

"password": "a-secret"

}

* **Response:**

{

"userId": "a449680f-e4f2-4be5-8203-17ec6a2c65b5",

"account": "18688880000",

"role": "CONSOLE\_USER",

"isActivated": "True",

"createTime": "2018-12-06 12:54:02.752512Z",

"updateTime": "2018-12-06 12:54:02.752512Z"

}

* **Remark:** None