# DBaaS平台管理接口

说明： 192.168.16.0/24 网段 服务IP：192.168.16.31:4000

146.240.104.0/24 网段 服务IP：146.240.104.25:4000

## 集群管理接口

### 集群创建

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 接口url | POST /v1.0/clusters | | | | | |
| 调用逻辑 | 前端应用→后端管理 | | | | | |
| 功能描述 | 创建集群 | | | | | |
| 输入参数 | **字段名** | **参数名称** | | **参数类型** | | **备注** |
| 名称 | name | | string | | 不能为空 |
| 类型 | type | | string | | 不能为空，  字符串项upsql , upproxy |
| 站点 | dc | | string | | 不能为空 |
| 最大节点数量 | max\_node | | int | | 默认100 |
| 集群最大使用比例 | usage\_limit | | float | | 0-1 |
| 集群存储类型 | storage\_type | | string | | 不能为空，  字符串项local, san |
| 存储ID | storage\_id | | string | | 如果集群存储类型为local，该值为空，  如果集群存储类型为san，该值不能为空 |
| 举例 | 创建本地存储集群  {  "name": "cluster001",  "type": "upsql",  "dc": "shanghai001",  "max\_node": 100,  "usage\_limit": 0.8,  "storage\_type": "local"  }  创建SAN存储集群  {  "name": "cluster001",  "type": "upsql",  "dc": "shanghai001",  "max\_node": 100,  "usage\_limit": 0.8,  "storage\_type": "SAN"  "storage\_id": "8u3xssdffm4easdjf"  } | | | | |
| 201  返回参数 | **字段名** | **参数名称** | **参数类型** | | **备注** | |
| 集群id | id | string | |  | |
| 举例 | {  "ID": "3f1ebb615c5d8ba700ba65c9ad43e2c3e6957ae9cdc34c2141f04f6499fe3392"  } | | | | |
| 是否同步 | true | | | | | |

### 集群停用

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 接口url | | POST /v1.0/clusters/{cluster\_id}/disable | | | | |
| 调用逻辑 | | 前端应用→后端管理 | | | | |
| 功能描述 | | 停用集群 | | | | |
| 输入参数 | **字段名** | **参数名称** | | **参数类型** | | **备注** |
|  |  | |  | |  |
| 举例 |  | | | | |
| 200  返回参数 | **字段名** | **参数名称** | **参数类型** | | **备注** | |
|  |  |  | |  | |
| 举例 |  | | | | |
| 是否同步 | true | | | | | |

### 集群启用

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 接口url | | POST /v1.0/clusters/{cluster\_id}/enable | | | | |
| 调用逻辑 | | 前端应用→后端管理 | | | | |
| 功能描述 | | 启用集群 | | | | |
| 输入参数 | **字段名** | **参数名称** | | **参数类型** | | **备注** |
|  |  | |  | |  |
| 举例 |  | | | | |
| 200  返回参数 | **字段名** | **参数名称** | **参数类型** | | **备注** | |
|  |  |  | |  | |
| 举例 |  | | | | |
| 是否同步 | true | | | | | |

### 集群删除

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 接口url | | DELETE /v1.0/clusters/{cluster\_id} | | | | |
| 调用逻辑 | | 前端应用→后端管理 | | | | |
| 功能描述 | | 删除集群 | | | | |
| 输入参数 | **字段名** | **参数名称** | | **参数类型** | | **备注** |
|  |  | |  | |  |
| 举例 |  | | | | |
| 204  返回参数 | **字段名** | **参数名称** | **参数类型** | | **备注** | |
|  |  |  | |  | |
| 举例 |  | | | | |
| 是否同步 | true | | | | | |

### 集群概要信息查询

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 接口url | | GET /v1.0/clusters/{cluster\_id} | | | | |
| 调用逻辑 | | 前端应用→后端管理 | | | | |
| 功能描述 | | 集群概要信息查询 | | | | |
| 输入参数 | **字段名** | **参数名称** | | **参数类型** | | **备注** |
|  |  | |  | |  |
| 举例 |  | | | | |
| 200  返回参数 | **字段名** | **参数名称** | **参数类型** | | **备注** | |
| 集群ID | id | string | |  | |
| 集群名称 | name | string | |  | |
| 集群所属站点 | dc | string | |  | |
| 集群类型 | type | string | | 选择范围：upsql / upproxy | |
| 集群存储类型 | storage\_type | string | | 选择范围： local / san | |
| 关联存储ID | storage\_id | string | | 和集群关联的存储 ID  如果集群存储类型为local，该值为空，  如果集群存储类型为san，该值不能为空 | |
| 可容纳最大物理机数量 | max\_node | int | |  | |
| 资源使用率限制 | usage\_limit | float | | 值的范围 0.0—1.0 | |
| 是否启用 | enabled | int | | 集群状态，0：停用，1：启用。 | |
| 集群包含物理机数量 | node\_num | int | |  | |
| 举例 | {  "id": "3f1ebb615c5d8ba700ba65c9ad43e2c3e6957ae9cdc34c2141f04f6499fe3392",  "name": "cluster001",  "type": "upsql",  "storage\_type": "local",  "storage\_id": "",  "max\_node": 100,  "usage\_limit": 0.8,  "dc": "shanghai001",  "enabled": 1,  "node\_num": 100  } | | | | |
| 是否同步 | true | | | | | |

### 全部集群概要信息查询

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 接口url | | GET /v1.0/clusters | | | | |
| 调用逻辑 | | 前端应用→后端管理 | | | | |
| 功能描述 | | 集群概要信息查询 | | | | |
| 输入参数 | **字段名** | **参数名称** | | **参数类型** | | **备注** |
|  |  | |  | |  |
| 举例 |  | | | | |
| 200  返回参数 | **字段名** | **参数名称** | **参数类型** | | **备注** | |
| 集群ID | id | string | |  | |
| 集群名称 | name | string | |  | |
| 集群所属站点 | dc | string | |  | |
| 集群类型 | type | string | | 选择范围：upsql / upproxy | |
| 集群存储类型 | storage\_type | string | | 选择范围： local / san | |
| 关联存储ID | storage\_id | string | | 和集群关联的存储 ID  如果集群存储类型为local，该值为空，  如果集群存储类型为san，该值不能为空 | |
| 可容纳最大物理机数量 | max\_node | int | |  | |
| 资源使用率限制 | usage\_limit | float | | 值的范围 0.0—1.0 | |
| 是否启用 | enabled | int | | 集群状态，0：停用，1：启用。 | |
| 集群包含物理机数量 | node\_num | int | |  | |
| 举例 | [{  "id": "3f1ebb615c5d8ba700ba65c9ad43e2c3e6957ae9cdc34c2141f04f6499fe3392",  "name": "cluster001",  "type": "upsql",  "storage\_type": "local",  "storage\_id": "",  "max\_node": 100,  "usage\_limit": 0.8,  "dc": "shanghai001",  "enabled": 1,  "node\_num": 100  }] | | | | |
| 是否同步 | true | | | | | |

### 集群详细信息查询

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 接口url | | GET /v1.0/clusters/{cluster\_id}/details | | | | |
| 调用逻辑 | | 前端应用→后端管理 | | | | |
| 功能描述 | | 集群概要信息查询 | | | | |
| 输入参数 | **字段名** | **参数名称** | | **参数类型** | | **备注** |
|  |  | |  | |  |
| 举例 |  | | | | |
| 200  返回参数 | **字段名** | **参数名称** | **参数类型** | | **备注** | |
|  |  |  | |  | |
| 举例 |  | | | | |
| 是否同步 | true | | | | | |

## 网络管理

### 网段导入

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 接口url | | POST /v1.0/networkings | | | | |
| 调用逻辑 | | 前端应用→后端管理 | | | | |
| 功能描述 | | 导入网段 | | | | |
| 输入参数 | **字段名** | **参数名称** | | **参数类型** | | **备注** |
| 起始IP地址 | start | | string | |  |
| 结束IP地址 | end | | string | |  |
| IP掩码 | prefix | |  | |  |
| 网段类型 | type | | string | |  |
| 网关 | gateway | | string | |  |
| 举例 | {  "start": "192.168.16.151",  "end":"192.168.16.160",  "prefix": 24,  "type": "internal\_access\_networking",  "gateway": "192.168.16.1"  } | | | | |
| 201  返回参数 | **字段名** | **参数名称** | **参数类型** | | **备注** | |
| 网段ID | ID | string | |  | |
| 举例 | {  "ID": "cc9ba0acb7ac5783d49d93fd9f8605570a337696420e7343ad834feca0780e42"  } | | | | |
| 是否同步 | true | | | | | |

### 网段停用

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 接口url | | POST /v1.0/networkings/{netwroking\_id}/disable | | | | |
| 调用逻辑 | | 前端应用→后端管理 | | | | |
| 功能描述 | | 停用网段 | | | | |
| 输入参数 | **字段名** | **参数名称** | | **参数类型** | | **备注** |
|  |  | |  | |  |
| 举例 |  | | | | |
| 200  返回参数 | **字段名** | **参数名称** | **参数类型** | | **备注** | |
|  |  |  | |  | |
| 举例 |  | | | | |
| 是否同步 | true | | | | | |

### 网段启用

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 接口url | | POST /v1.0/networkings/{netwroking\_id}/enable | | | | |
| 调用逻辑 | | 前端应用→后端管理 | | | | |
| 功能描述 | | 启用网段 | | | | |
| 输入参数 | **字段名** | **参数名称** | | **参数类型** | | **备注** |
|  |  | |  | |  |
| 举例 |  | | | | |
| 200  返回参数 | **字段名** | **参数名称** | **参数类型** | | **备注** | |
|  |  |  | |  | |
| 举例 |  | | | | |
| 是否同步 | true | | | | | |

### 网段删除

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 接口url | | DELETE /v1.0/ networkings/{ networking \_id} | | | | |
| 调用逻辑 | | 前端应用→后端管理 | | | | |
| 功能描述 | | 删除网段 | | | | |
| 输入参数 | **字段名** | **参数名称** | | **参数类型** | | **备注** |
|  |  | |  | |  |
| 举例 |  | | | | |
| 204  返回参数 | **字段名** | **参数名称** | **参数类型** | | **备注** | |
|  |  |  | |  | |
| 举例 |  | | | | |
| 是否同步 | true | | | | | |

## 端口管理

### 端口导入

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 接口url | POST /v1.0/networkings/ports | | | | | |
| 调用逻辑 | 前端应用→后端管理 | | | | | |
| 功能描述 | 导入端口 | | | | | |
| 输入参数 | **字段名** | **参数名称** | | **参数类型** | | **备注** |
| 起始端口号 | start | | int | |  |
| 结束端口号 | end | | int | |  |
| 举例 | {  "start": 30000,  "end": 30009  } | | | | |
| 201  返回参数 | **字段名** | **参数名称** | **参数类型** | | **备注** | |
|  |  |  | |  | |
| 举例 | {  "num": 10  } | | | | |
| 是否同步 | true | | | | | |

### 端口停用

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 接口url | | POST /v1.0/networkings/ports/{port}/disable | | | | |
| 调用逻辑 | | 前端应用→后端管理 | | | | |
| 功能描述 | | 停用端口 | | | | |
| 输入参数 | **字段名** | **参数名称** | | **参数类型** | | **备注** |
|  |  | |  | |  |
| 举例 |  | | | | |
| 200  返回参数 | **字段名** | **参数名称** | **参数类型** | | **备注** | |
|  |  |  | |  | |
| 举例 |  | | | | |
| 是否同步 | true | | | | | |

### 端口启用

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 接口url | | POST /v1.0/networkings/ports/{port}/enable | | | | |
| 调用逻辑 | | 前端应用→后端管理 | | | | |
| 功能描述 | | 启用端口 | | | | |
| 输入参数 | **字段名** | **参数名称** | | **参数类型** | | **备注** |
|  |  | |  | |  |
| 举例 |  | | | | |
| 200  返回参数 | **字段名** | **参数名称** | **参数类型** | | **备注** | |
|  |  |  | |  | |
| 举例 |  | | | | |
| 是否同步 | true | | | | | |

### 端口删除

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 接口url | | DELETE /v1.0/ networkings/ports/{port}/ | | | | |
| 调用逻辑 | | 前端应用→后端管理 | | | | |
| 功能描述 | | 删除端口 | | | | |
| 输入参数 | **字段名** | **参数名称** | | **参数类型** | | **备注** |
|  |  | |  | |  |
| 举例 |  | | | | |
| 204  返回参数 | **字段名** | **参数名称** | **参数类型** | | **备注** | |
|  |  |  | |  | |
| 举例 |  | | | | |
| 是否同步 | true | | | | | |

## 存储管理

### 存储登记

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 接口url | | POST /v1.0/storage/san | | | | |
| 调用逻辑 | | 前端应用→后端管理 | | | | |
| 功能描述 | | 存储登记，可以重复登记，检查数据是否存在，如果存在update，不存在insert，需要做可用性验证 | | | | |
| 输入参数 | **字段名** | **参数名称** | | **参数类型** | | **备注** |
|  |  | |  | |  |
| 举例 |  | | | | |
| 201  返回参数 | **字段名** | **参数名称** | **参数类型** | | **备注** | |
|  |  |  | |  | |
| 举例 |  | | | | |
| 是否同步 | true | | | | | |

### 存储出库

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 接口url | | DELETE /v1.0/storage/san/{storage\_id} | | | | |
| 调用逻辑 | | 前端应用→后端管理 | | | | |
| 功能描述 | | 存储出库 | | | | |
| 输入参数 | **字段名** | **参数名称** | | **参数类型** | | **备注** |
|  |  | |  | |  |
| 举例 |  | | | | |
| 204  返回参数 | **字段名** | **参数名称** | **参数类型** | | **备注** | |
|  |  |  | |  | |
| 举例 |  | | | | |
| 是否同步 | true | | | | | |

### RAID Group登记

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 接口url | | POST /v1.0/storage/san/{storage\_id}/raid\_group | | | | |
| 调用逻辑 | | 前端应用→后端管理 | | | | |
| 功能描述 | | RAID Group登记 | | | | |
| 输入参数 | **字段名** | **参数名称** | | **参数类型** | | **备注** |
| Raid group 号 | rg\_num | | int | |  |
| 举例 |  | | | | |
| 201  返回参数 | **字段名** | **参数名称** | **参数类型** | | **备注** | |
|  |  |  | |  | |
| 举例 |  | | | | |
| 是否同步 | true | | | | | |

### RAID Group停用

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 接口url | | POST /v1.0/storage/san/raid\_group/{raid\_group\_id}/disable | | | | |
| 调用逻辑 | | 前端应用→后端管理 | | | | |
| 功能描述 | | RAID Group 停用 | | | | |
| 输入参数 | **字段名** | **参数名称** | | **参数类型** | | **备注** |
|  |  | |  | |  |
| 举例 |  | | | | |
| 200  返回参数 | **字段名** | **参数名称** | **参数类型** | | **备注** | |
|  |  |  | |  | |
| 举例 |  | | | | |
| 是否同步 | true | | | | | |

### RAID Group启用

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 接口url | | POST /v1.0/storage/san/raid\_group/{raid\_group\_id}/enable | | | | |
| 调用逻辑 | | 前端应用→后端管理 | | | | |
| 功能描述 | | RAID Group启用 | | | | |
| 输入参数 | **字段名** | **参数名称** | | **参数类型** | | **备注** |
|  |  | |  | |  |
| 举例 |  | | | | |
| 200  返回参数 | **字段名** | **参数名称** | **参数类型** | | **备注** | |
|  |  |  | |  | |
| 举例 |  | | | | |
| 是否同步 | true | | | | | |

### RAID Group注销

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 接口url | | DELETE /v1.0/storage/san/raid\_group/{raid\_group\_id} | | | | |
| 调用逻辑 | | 前端应用→后端管理 | | | | |
| 功能描述 | | RAID group注销 | | | | |
| 输入参数 | **字段名** | **参数名称** | | **参数类型** | | **备注** |
|  |  | |  | |  |
| 举例 |  | | | | |
| 204  返回参数 | **字段名** | **参数名称** | **参数类型** | | **备注** | |
|  |  |  | |  | |
| 举例 |  | | | | |
| 是否同步 | true | | | | | |

## 共享存储管理

### 共享存储登记

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 接口url | | POST /v1.0/storage/nas | | | | |
| 调用逻辑 | | 前端应用→后端管理 | | | | |
| 功能描述 | | 共享存储登记 | | | | |
| 输入参数 | **字段名** | **参数名称** | | **参数类型** | | **备注** |
|  |  | |  | |  |
| 举例 |  | | | | |
| 201  返回参数 | **字段名** | **参数名称** | **参数类型** | | **备注** | |
|  |  |  | |  | |
| 举例 |  | | | | |
| 是否同步 | true | | | | | |

### 共享存储注销

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 接口url | | DELETE /v1.0/storage/san/raid\_group/{raid\_group\_id} | | | | |
| 调用逻辑 | | 前端应用→后端管理 | | | | |
| 功能描述 | | 存储登记 | | | | |
| 输入参数 | **字段名** | **参数名称** | | **参数类型** | | **备注** |
|  |  | |  | |  |
| 举例 |  | | | | |
| 204  返回参数 | **字段名** | **参数名称** | **参数类型** | | **备注** | |
|  |  |  | |  | |
| 举例 |  | | | | |
| 是否同步 | true | | | | | |

## 软件管理

### 软件入库

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 接口url | | POST /v1.0/image/load | | | | |
| 调用逻辑 | | 前端应用→后端管理 | | | | |
| 功能描述 | | 入库主机 | | | | |
| 输入参数 | **字段名** | **参数名称** | | **参数类型** | | **备注** |
| 软件名 | name | | string | |  |
| 版本号 | version | | string | |  |
| 导入文件路径 | path | | string | |  |
| 软件配置放路径 | config\_path | | string | |  |
| 软件配置文件模版 | config\_content | | string | |  |
| 举例 | {  "name": "upsql",  "version": "5.6.19",  "path": "/root/upsql-5.6.19.tar",  "config\_path": "/DBAASDAT/my.cnf",  "config\_content": "<config\_file>"  } | | | | |
| 201  返回参数 | **字段名** | **参数名称** | **参数类型** | | **备注** | |
| 软件ID | ID | string | |  | |
| 举例 | {  "ID": "3f1ebb615c5d8ba700ba65c9ad43e2c3e6957ae9cdc34c2141f04f6499fe3392"  } | | | | |
| 是否同步 | true | | | | | |

### 软件停用

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 接口url | | POST /v1.0/image/{image\_id}/disable | | | | |
| 调用逻辑 | | 前端应用→后端管理 | | | | |
| 功能描述 | | 停用软件 | | | | |
| 输入参数 | **字段名** | **参数名称** | | **参数类型** | | **备注** |
|  |  | |  | |  |
| 举例 |  | | | | |
| 200  返回参数 | **字段名** | **参数名称** | **参数类型** | | **备注** | |
|  |  |  | |  | |
| 举例 |  | | | | |
| 是否同步 | true | | | | | |

### 软件启用

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 接口url | | POST /v1.0/image/{image\_id}/enable | | | | |
| 调用逻辑 | | 前端应用→后端管理 | | | | |
| 功能描述 | | 启用软件 | | | | |
| 输入参数 | **字段名** | **参数名称** | | **参数类型** | | **备注** |
|  |  | |  | |  |
| 举例 |  | | | | |
| 200  返回参数 | **字段名** | **参数名称** | **参数类型** | | **备注** | |
|  |  |  | |  | |
| 举例 |  | | | | |
| 是否同步 | true | | | | | |

### 软件出库

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 接口url | | DELETE /v1.0/image/{image\_id} | | | | |
| 调用逻辑 | | 前端应用→后端管理 | | | | |
| 功能描述 | | 出库软件 | | | | |
| 输入参数 | **字段名** | **参数名称** | | **参数类型** | | **备注** |
|  |  | |  | |  |
| 举例 |  | | | | |
| 204  返回参数 | **字段名** | **参数名称** | **参数类型** | | **备注** | |
|  |  |  | |  | |
| 举例 |  | | | | |
| 是否同步 | true | | | | | |

## 主机管理

### 主机入库

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 接口url | | POST / v1.0/clusters/{cluster\_id}/nodes | | | | |
| 调用逻辑 | | 前端应用→后端管理 | | | | |
| 功能描述 | | 入库主机 | | | | |
| 输入参数 | **字段名** | **参数名称** | | **参数类型** | | **备注** |
| 别名 | name | | string | | 主机别名，是管理员为物理机起的管理名称，并不是物理机主机名。 |
| IP地址 | address | | string | |  |
| OS超级用户名 | username | | string | |  |
| OS超级用户密码 | password | | string | |  |
| 最大容器数量 | max\_container | | string | |  |
| 机械硬盘设备名 | hdd | | []string | |  |
| 固态硬盘设备名 | ssd | | []string | |  |
| 举例 | [{  "name": "node001",  "address": "192.168.16.41",  "username": "root",  "password": "root",  "max\_container": 4,  "hdd": ["sdb"],  "ssd": []  }] | | | | |
| 201  返回参数 | **字段名** | **参数名称** | **参数类型** | | **备注** | |
|  |  |  | |  | |
| 举例 |  | | | | |
| 是否同步 | true | | | | | |

### 主机停用

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 接口url | | POST / v1.0/clusters/nodes/{node\_id}/disable | | | | |
| 调用逻辑 | | 前端应用→后端管理 | | | | |
| 功能描述 | | 停用物理机 | | | | |
| 输入参数 | **字段名** | **参数名称** | | **参数类型** | | **备注** |
|  |  | |  | |  |
| 举例 |  | | | | |
| 200  返回参数 | **字段名** | **参数名称** | **参数类型** | | **备注** | |
|  |  |  | |  | |
| 举例 |  | | | | |
| 是否同步 | true | | | | | |

### 主机启用

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 接口url | | POST / v1.0/clusters/nodes/{node\_id}/enable | | | | |
| 调用逻辑 | | 前端应用→后端管理 | | | | |
| 功能描述 | | 启用物理机 | | | | |
| 输入参数 | **字段名** | **参数名称** | | **参数类型** | | **备注** |
|  |  | |  | |  |
| 举例 |  | | | | |
| 200  返回参数 | **字段名** | **参数名称** | **参数类型** | | **备注** | |
|  |  |  | |  | |
| 举例 |  | | | | |
| 是否同步 | true | | | | | |

### 主机出库

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 接口url | | DELETE / v1.0/clusters/nodes/{node\_id} | | | | |
| 调用逻辑 | | 前端应用→后端管理 | | | | |
| 功能描述 | | 出库物理机 | | | | |
| 输入参数 | **字段名** | **参数名称** | | **参数类型** | | **备注** |
|  |  | |  | |  |
| 举例 |  | | | | |
| 204  返回参数 | **字段名** | **参数名称** | **参数类型** | | **备注** | |
|  |  |  | |  | |
| 举例 |  | | | | |
| 是否同步 | true | | | | | |

### 主机信息查询

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 接口url | | GET/ v1.0/ | | | | |
| 调用逻辑 | | 前端应用→后端管理 | | | | |
| 功能描述 | | 主机信息查询 | | | | |
| 输入参数 | **字段名** | **参数名称** | | **参数类型** | | **备注** |
|  |  | |  | |  |
| 举例 |  | | | | |
| 200  返回参数 | **字段名** | **参数名称** | **参数类型** | | **备注** | |
|  |  |  | |  | |
| 举例 |  | | | | |
| 是否同步 | true | | | | | |

## 实例管理

### 实例创建

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 接口url | | POST / v1.0/services | | | | |
| 调用逻辑 | | 前端应用→后端管理 | | | | |
| 功能描述 | | 实例创建 | | | | |
| 输入参数 | **字段名** | **参数名称** | | **参数类型** | | **备注** |
| 实例名称 | name | | string | |  |
| 实例结构 | arch | | string | |  |
| 实例结构模块 | modules | | []{} | |  |
| 模块名称 | modules.name | | string | |  |
| 模块版本 | modules.version | | string | |  |
| 模块类型 | modules.type | | string | |  |
| 模块结构 | modules.arch | | string | |  |
|  | modules.stores | |  | |  |
|  | modules.stores.name | |  | |  |
|  |  | |  | |  |
|  |  | |  | |  |
|  |  | |  | |  |
|  |  | |  | |  |
| 举例 | {  "name": "",  "arch": "upsql:1",  "modules": [  {  "name": "upsql",  "version": "5.6.19",  "type": "upsql",  "arch": "master:1",  "stores": [  {  "name": "DATA",  "type": "local:HDD",  "size": 10240000000  },  {  "name": "LOG",  "type": "local:HDD",  "size": 10240000000  }  ],  "host\_config": {  "cpusetcpus": "1",  "memory": 5120000000,  "networkmode": "host"  }  }  ],  "backup\_strategy": {  "type": "full",  "spec": "\* \* \* \* \*",  "valid": "2006-01-02 15:04:05",  "timeout": 600,  "retention": 6000,  "maxsize": 1024000000000,  "backupdir": "/BACKUP/"  }  } | | | | |
| 200  返回参数 | **字段名** | **参数名称** | **参数类型** | | **备注** | |
|  |  |  | |  | |
| 举例 |  | | | | |
| 是否同步 | true | | | | | |

### 实例启动

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 接口url | | POST / v1.0/services/{service\_id}/start | | | | |
| 调用逻辑 | | 前端应用→后端管理 | | | | |
| 功能描述 | | 实例启动 | | | | |
| 输入参数 | **字段名** | **参数名称** | | **参数类型** | | **备注** |
|  |  | |  | |  |
| 举例 |  | | | | |
| 200  返回参数 | **字段名** | **参数名称** | **参数类型** | | **备注** | |
|  |  |  | |  | |
| 举例 |  | | | | |
| 是否同步 | true | | | | | |

### 实例停止

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 接口url | | POST / v1.0/services/{service\_id}/stop | | | | |
| 调用逻辑 | | 前端应用→后端管理 | | | | |
| 功能描述 | | 实例停止 | | | | |
| 输入参数 | **字段名** | **参数名称** | | **参数类型** | | **备注** |
|  |  | |  | |  |
| 举例 |  | | | | |
| 200  返回参数 | **字段名** | **参数名称** | **参数类型** | | **备注** | |
|  |  |  | |  | |
| 举例 |  | | | | |
| 是否同步 | true | | | | | |

### 实例注销

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 接口url | | DELETE / v1.0/services/{service\_id} | | | | |
| 调用逻辑 | | 前端应用→后端管理 | | | | |
| 功能描述 | | 实例注销 | | | | |
| 输入参数 | **字段名** | **参数名称** | | **参数类型** | | **备注** |
|  |  | |  | |  |
| 举例 |  | | | | |
| 204  返回参数 | **字段名** | **参数名称** | **参数类型** | | **备注** | |
|  |  |  | |  | |
| 举例 |  | | | | |
| 是否同步 | true | | | | | |

### 实例备份

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 接口url | | POST / v1.0/services/{service\_id}/backup | | | | |
| 调用逻辑 | | 前端应用→后端管理 | | | | |
| 功能描述 | | 实例备份 | | | | |
| 输入参数 | **字段名** | **参数名称** | | **参数类型** | | **备注** |
|  |  | |  | |  |
| 举例 |  | | | | |
| 200  返回参数 | **字段名** | **参数名称** | **参数类型** | | **备注** | |
|  |  |  | |  | |
| 举例 |  | | | | |
| 是否同步 | true | | | | | |

### 实例备份文件查询

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 接口url | | GET / v1.0/services/{service\_id}/backupfile/list | | | | |
| 调用逻辑 | | 前端应用→后端管理 | | | | |
| 功能描述 | | 实例备份 | | | | |
| 输入参数 | **字段名** | **参数名称** | | **参数类型** | | **备注** |
|  |  | |  | |  |
| 举例 |  | | | | |
| 200  返回参数 | **字段名** | **参数名称** | **参数类型** | | **备注** | |
|  |  |  | |  | |
| 举例 |  | | | | |
| 是否同步 | true | | | | | |

### 实例恢复

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 接口url | | POST / v1.0/services/{service\_id}/recover | | | | |
| 调用逻辑 | | 前端应用→后端管理 | | | | |
| 功能描述 | | 实例恢复 | | | | |
| 输入参数 | **字段名** | **参数名称** | | **参数类型** | | **备注** |
|  | backup\_file\_id | |  | |  |
| 举例 |  | | | | |
| 200  返回参数 | **字段名** | **参数名称** | **参数类型** | | **备注** | |
|  |  |  | |  | |
| 举例 |  | | | | |
| 是否同步 | true | | | | | |

### 备份策略添加

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 接口url | | POST / v1.0/services/{service\_id}/backup\_strategy | | | | |
| 调用逻辑 | | 前端应用→后端管理 | | | | |
| 功能描述 | | 实例备份策略添加 | | | | |
| 输入参数 | **字段名** | **参数名称** | | **参数类型** | | **备注** |
|  |  | |  | |  |
| 举例 |  | | | | |
| 201  返回参数 | **字段名** | **参数名称** | **参数类型** | | **备注** | |
|  |  |  | |  | |
| 举例 |  | | | | |
| 是否同步 | true | | | | | |

### 备份策略删除

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 接口url | | DELETE / v1.0/services/backup\_strategy/{backup\_strategy\_id} | | | | |
| 调用逻辑 | | 前端应用→后端管理 | | | | |
| 功能描述 | | 实例备份策略删除 | | | | |
| 输入参数 | **字段名** | **参数名称** | | **参数类型** | | **备注** |
|  |  | |  | |  |
| 举例 |  | | | | |
| 204  返回参数 | **字段名** | **参数名称** | **参数类型** | | **备注** | |
|  |  |  | |  | |
| 举例 |  | | | | |
| 是否同步 | true | | | | | |

### 备份策略启用

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 接口url | | POST / v1.0/services/backup\_strategy/{backup\_strategy\_id}/enable | | | | |
| 调用逻辑 | | 前端应用→后端管理 | | | | |
| 功能描述 | | 备份策略启用 | | | | |
| 输入参数 | **字段名** | **参数名称** | | **参数类型** | | **备注** |
|  |  | |  | |  |
| 举例 |  | | | | |
| 200  返回参数 | **字段名** | **参数名称** | **参数类型** | | **备注** | |
|  |  |  | |  | |
| 举例 |  | | | | |
| 是否同步 | true | | | | | |

### 备份策略停用

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 接口url | | POST / v1.0/services/backup\_strategy/{backup\_strategy\_id}/disable | | | | |
| 调用逻辑 | | 前端应用→后端管理 | | | | |
| 功能描述 | | 备份策略停用 | | | | |
| 输入参数 | **字段名** | **参数名称** | | **参数类型** | | **备注** |
|  |  | |  | |  |
| 举例 |  | | | | |
| 200  返回参数 | **字段名** | **参数名称** | **参数类型** | | **备注** | |
|  |  |  | |  | |
| 举例 |  | | | | |
| 是否同步 | true | | | | | |

### 备份策略编辑

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 接口url | | POST / v1.0/services/backup\_strategy/{backup\_strategy\_id}/update | | | | |
| 调用逻辑 | | 前端应用→后端管理 | | | | |
| 功能描述 | |  | | | | |
| 输入参数 | **字段名** | **参数名称** | | **参数类型** | | **备注** |
|  |  | |  | |  |
| 举例 |  | | | | |
| 200  返回参数 | **字段名** | **参数名称** | **参数类型** | | **备注** | |
|  |  |  | |  | |
| 举例 |  | | | | |
| 是否同步 | true | | | | | |

## 单元管理

### 单元启动

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 接口url | | POST / v1.0/units/{unit\_id}/start | | | | |
| 调用逻辑 | | 前端应用→后端管理 | | | | |
| 功能描述 | | 实例单元启动 | | | | |
| 输入参数 | **字段名** | **参数名称** | | **参数类型** | | **备注** |
|  |  | |  | |  |
| 举例 |  | | | | |
| 200  返回参数 | **字段名** | **参数名称** | **参数类型** | | **备注** | |
|  |  |  | |  | |
| 举例 |  | | | | |
| 是否同步 | true | | | | | |

### 单元停止

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 接口url | | POST / v1.0/units/{unit\_id}/stop | | | | |
| 调用逻辑 | | 前端应用→后端管理 | | | | |
| 功能描述 | | 实例单元停止 | | | | |
| 输入参数 | **字段名** | **参数名称** | | **参数类型** | | **备注** |
|  |  | |  | |  |
| 举例 |  | | | | |
| 200  返回参数 | **字段名** | **参数名称** | **参数类型** | | **备注** | |
|  |  |  | |  | |
| 举例 |  | | | | |
| 是否同步 | true | | | | | |

### 单元备份

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 接口url | | POST / v1.0/units/{unit\_id}/backup | | | | |
| 调用逻辑 | | 前端应用→后端管理 | | | | |
| 功能描述 | | 实例单元停止 | | | | |
| 输入参数 | **字段名** | **参数名称** | | **参数类型** | | **备注** |
|  |  | |  | |  |
| 举例 |  | | | | |
| 200  返回参数 | **字段名** | **参数名称** | **参数类型** | | **备注** | |
|  |  |  | |  | |
| 举例 |  | | | | |
| 是否同步 | true | | | | | |

### 单元恢复

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 接口url | | POST / v1.0/units/{unit\_id}/recover | | | | |
| 调用逻辑 | | 前端应用→后端管理 | | | | |
| 功能描述 | | 实例单元停止 | | | | |
| 输入参数 | **字段名** | **参数名称** | | **参数类型** | | **备注** |
|  |  | |  | |  |
| 举例 |  | | | | |
| 200  返回参数 | **字段名** | **参数名称** | **参数类型** | | **备注** | |
|  |  |  | |  | |
| 举例 |  | | | | |
| 是否同步 | true | | | | | |

### 单元迁移

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 接口url | | POST / v1.0/units/{unit\_id}/migrate | | | | |
| 调用逻辑 | | 前端应用→后端管理 | | | | |
| 功能描述 | | 实例单元迁移 | | | | |
| 输入参数 | **字段名** | **参数名称** | | **参数类型** | | **备注** |
| 目标主机 | node | |  | | 可以为空，如果是空，那么将自动分配 |
| 举例 |  | | | | |
| 200  返回参数 | **字段名** | **参数名称** | **参数类型** | | **备注** | |
|  |  |  | |  | |
| 举例 |  | | | | |
| 是否同步 | true | | | | | |

### 单元重建

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 接口url | | POST / v1.0/units/{unit\_id}/rebuild | | | | |
| 调用逻辑 | | 前端应用→后端管理 | | | | |
| 功能描述 | | 实例单元重建 | | | | |
| 输入参数 | **字段名** | **参数名称** | | **参数类型** | | **备注** |
| 目标主机 | node | |  | | 可以为空，如果是空，那么将自动分配 |
| 举例 |  | | | | |
| 200  返回参数 | **字段名** | **参数名称** | **参数类型** | | **备注** | |
|  |  |  | |  | |
| 举例 |  | | | | |
| 是否同步 | true | | | | | |

### 单元隔离

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 接口url | | POST / v1.0/units/{unit\_id}/isolate | | | | |
| 调用逻辑 | | 前端应用→后端管理 | | | | |
| 功能描述 | | 实例单元隔离。强制关闭后，从proxy中隔离 | | | | |
| 输入参数 | **字段名** | **参数名称** | | **参数类型** | | **备注** |
|  |  | |  | |  |
| 举例 |  | | | | |
| 200  返回参数 | **字段名** | **参数名称** | **参数类型** | | **备注** | |
|  |  |  | |  | |
| 举例 |  | | | | |
| 是否同步 | true | | | | | |

### 单元回切

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 接口url | | POST / v1.0/units/{unit\_id}/switchback | | | | |
| 调用逻辑 | | 前端应用→后端管理 | | | | |
| 功能描述 | | 实例单元回切 | | | | |
| 输入参数 | **字段名** | **参数名称** | | **参数类型** | | **备注** |
|  |  | |  | |  |
| 举例 |  | | | | |
| 200  返回参数 | **字段名** | **参数名称** | **参数类型** | | **备注** | |
|  |  |  | |  | |
| 举例 |  | | | | |
| 是否同步 | true | | | | | |

### 单元慢日志开启

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 接口url | | POST / v1.0/ | | | | |
| 调用逻辑 | | 前端应用→后端管理 | | | | |
| 功能描述 | |  | | | | |
| 输入参数 | **字段名** | **参数名称** | | **参数类型** | | **备注** |
|  |  | |  | |  |
| 举例 |  | | | | |
| 200  返回参数 | **字段名** | **参数名称** | **参数类型** | | **备注** | |
|  |  |  | |  | |
| 举例 |  | | | | |
| 是否同步 | true | | | | | |

### 单元慢日志关闭

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 接口url | | POST / v1.0/ | | | | |
| 调用逻辑 | | 前端应用→后端管理 | | | | |
| 功能描述 | |  | | | | |
| 输入参数 | **字段名** | **参数名称** | | **参数类型** | | **备注** |
|  |  | |  | |  |
| 举例 |  | | | | |
| 200  返回参数 | **字段名** | **参数名称** | **参数类型** | | **备注** | |
|  |  |  | |  | |
| 举例 |  | | | | |
| 是否同步 | true | | | | | |

## 任务管理

### 任务全部查询

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 接口url | | GET / v1.0/tasks | | | | |
| 调用逻辑 | | 前端应用→后端管理 | | | | |
| 功能描述 | | 任务查询 | | | | |
| 输入参数 | **字段名** | **参数名称** | | **参数类型** | | **备注** |
|  |  | |  | |  |
| 举例 |  | | | | |
| 200  返回参数 | **字段名** | **参数名称** | **参数类型** | | **备注** | |
|  |  |  | |  | |
| 举例 |  | | | | |
| 是否同步 | true | | | | | |

### 任务单个查询

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 接口url | | GET / v1.0/tasks/{task\_id} | | | | |
| 调用逻辑 | | 前端应用→后端管理 | | | | |
| 功能描述 | | 任务查询 | | | | |
| 输入参数 | **字段名** | **参数名称** | | **参数类型** | | **备注** |
|  |  | |  | |  |
| 举例 |  | | | | |
| 200  返回参数 | **字段名** | **参数名称** | **参数类型** | | **备注** | |
|  |  |  | |  | |
| 举例 |  | | | | |
| 是否同步 | true | | | | | |