# 软通项目运维LV1数据调用文档

# 概要设计

LV1数据接口通过HTTP方式的数据传输

# 数据格式

## 城市名称匹对

|  |  |
| --- | --- |
| quanguo | 全国 |
| Beijing | 北京 |
| Kunshan | 昆山 |
| Yantai | 烟台 |
| Taiyuan | 太原 |
| Xian | 西安 |
| Shenzhen | 深圳 |
| Liaoyuan | 辽源 |
| Wuxi | 无锡 |
| Wuhan | 武汉 |
| Shanghai | 上海 |
| Nanchang | 南昌 |
| Zhengzhou | 郑州 |
| Jinan | 济南 |
| Chengdu | 成都 |
| Nanjing | 南京 |

## 数据中的关键字

|  |  |
| --- | --- |
| usability | 可用性 |
| usabilityPrivate | 私有云可用性 |
| usabilityPublic | 公有云可用性 |
| cloudUtilization | 云资源利用率 |
| cloudUtilizationPrivate | 私有云云资源利用率 |
| cloudUtilizationPublic | 公有云云资源利用率 |
| HeterogeneousCloud | 异构云使用量 |
| storageUtilization | 存储利用率 |
| storageUtilizationPrivate | 私有云存储利用率 |
| storageUtilizationPublic | 公有云存储利用率 |
| [bandwidth](javascript:void(0);)Utilization | 带宽利用率 |
| [bandwidth](javascript:void(0);)UtilizationPrivate | 私有云带宽利用率 |
| [bandwidth](javascript:void(0);)UtilizationPublic | 公有云带宽利用率 |
| MonitoringAlarm | 监控告警 |
| MonitoringAlarmPrivate | 私有云告警 |
| MonitoringAlarmPublic | 公有云告警 |
| disaster | 灾难 |
| serious | 严重 |
| [general](javascript:void(0);) | 一般 |
| warning | 告警 |
| [message](javascript:void(0);) | 信息 |
| [security](javascript:void(0);)I[ncident](javascript:void(0);) | 安全事件 |
| [security](javascript:void(0);)I[ncident](javascript:void(0);)Private | 私有云安全事件 |
| [security](javascript:void(0);)I[ncident](javascript:void(0);)Public | 公有云安全事件 |
| [high](javascript:void(0);) | 高级 |
| [middle](javascript:void(0);) | 中极 |
| low | 低级 |
| operation[Incident](javascript:void(0);) | 运维事件 |
| [monitoring](javascript:void(0);) | 监控事件 |
| [request](javascript:void(0);) | 服务请求 |
| cloud | 通云服务 |
| [work](javascript:void(0);)O[rder](javascript:void(0);) | 事件工单 |
| [basic](javascript:void(0);)E[nvironment](javascript:void(0);) | 基础环境 |
| [surveillance](javascript:void(0);)V[ideo](javascript:void(0);) | 数据中心监控 |
|  |  |
|  |  |
|  |  |

# 请求方式

## 可用性

数据服务接口：

<http://ip:port/cityName/usability>

返回结果

{

"usabilityPrivate": [ //私有云安全事件

{

"time":"5.00",

"number":"100"

}, {

"time":"6.00",

"number":"100"

}

],

"usabilityPublic": [ //公有云安全事件

{

"time":"5.00",

"number":"100"

}, {

"time":"6.00",

"number":"100"

},

]

}

## 云资源利用率

数据服务接口：

http://ip:port/cityName/cloudUtilization

返回结果

{

"cloudUtilizationPrivate": [ //私有云云资源利用率

{

"time":"5.00",

"number":"100"

}, {

"time":"6.00",

"number":"100"

}

],

"cloudUtilizationPublic": [ //公有云云资源利用率

{

"time":"5.00",

"number":"100"

}, {

"time":"6.00",

"number":"100"

},

]

}

## 异构云使用量

数据服务接口：

http://ip:port/cityName/ HeterogeneousCloud

返回结果

{

" HeterogeneousCloud": [

{

"name":"华为云",

"number":"100"

}, {

"name":"阿里云",

"number":"100"

}, {

"name":"Azure",

"number":"100"

}

]

}

## 存储利用率

数据服务接口：

http://ip:port/cityName/storageUtilization

返回结果

{

" storageUtilizationPrivate": [ //私有云存储利用率

{

"time":"5.00",

"number":"100"

}, {

"time":"6.00",

"number":"100"

}

],

" storageUtilizationPublic": [ //公有云存储利用率

{

"time":"5.00",

"number":"100"

}, {

"time":"6.00",

"number":"100"

},

]

}

## 宽带利用率

数据服务接口：

http://ip:port/cityName/[bandwidth](javascript:void(0);)Utilization

返回结果

{

" [bandwidth](javascript:void(0);)UtilizationPrivate": [ //私有云存储利用率

{

"time":"5.00",

"number":"100"

}, {

"time":"6.00",

"number":"100"

}

],

"[bandwidth](javascript:void(0);)UtilizationPublic": [ //公有云存储利用率

{

"time":"5.00",

"number":"100"

}, {

"time":"6.00",

"number":"100"

},

]

}

## 监控告警

数据服务接口：

http://ip:port/cityName/MonitoringAlarm

返回结果

{

"MonitoringAlarmPrivate": [ //私有云告警

{

"disaster":"5",

"serious":"1",

"general":"1",

"warning":"1",

"message":"1"

}

],

"MonitoringAlarmPublic": [ //公有云告警

{

"disaster":"5",

"serious":"1",

"general":"1",

"warning":"1",

"message":"1"

}

]

}

## 安全事件

数据服务接口：

http://ip:port/cityName/[security](javascript:void(0);)I[ncident](javascript:void(0);)

返回结果

## 运维事件

{

"[security](javascript:void(0);)I[ncident](javascript:void(0);)Private": [ //私有云安全事件

{

"high":"5",

"middle":"1",

"low":"1"

}

],

"[security](javascript:void(0);)I[ncident](javascript:void(0);)Public": [ //公有云安全事件

{

"high":"5",

"middle":"1",

"low":"1"

}

]

}

数据服务接口：

http://ip:port/cityName/operation[Incident](javascript:void(0);)

返回结果

{

"operationIncident": [

{

"name":"监控事件",

"number":"10"

}, {

"name":"服务请求",

"number":"10"

}, {

"name":"通云服务",

"number":"10"

}, {

"name":"事件工单",

"number":"10"

}

]

}