# 后端API规划

## 登陆功能

登陆/api/user/login form形式 username,password

退出/api/user/logout

## 虚拟机相关

/api/vm/list 列出所有虚拟机，json数组形式，每个实例如下，（for debug，release去掉）

{

"name": "MACSV110A",

"path": "[datastore2] MACSV110A/MACSV110A.vmx",

"UUID": "529beb5b-09d7-81a3-57e7-9cdffe97ba5d",

"guest": "Microsoft Windows XP Professional (32-bit)",

"powerStat": "poweredOn"

}

## 蜜网相关

/api/pot/list 列出蜜网的配置，返回json数组形式。每个实例如下：

{

"id": 0,

"name": "和利时",

"vms": [{

"uuid": "529beb5b-09d7-81a3-57e7-9cdffe97ba5d"

}, {

"uuid": "5241b8e9-0b65-12f7-756e-308b80bf5a10"

}, {

"uuid": "a74501b5-64f7-41e1-86ac-d6a38dd37cf1"

}],

"topology": ""

}

Name 名字，topology计划提供网络拓扑图的url，vms是网络中虚拟机的uuid，id作为后面几个接口的路径参数

/api/pot/poweron/<int:id> 开启虚拟网络的全部虚拟机

/api/pot/poweroff/<int:id> 关闭虚拟网络的全部虚拟机

/api/pot/suspend/<int:id> 挂起虚拟网络的全部虚拟机

/api/pot/unsuspend/<int:id> 恢复虚拟网络的全部虚拟机

/api/pot/status/<int:id> 查询虚拟网络状态

## 日志相关

/api/log/info 日志字段查询接口等信息，返回信息如下

{

"code": 0,

"msg": "success",

"data": [{

"logname": "web日志",

"keys": ["message", "path", "host"],

"url": "/api/log/web"

}, {

"logname": "python日志",

"keys": ["message", "path", "host", "time"],

"url": "/api/log/test"

}]

}

/api/log/web 这是上面的黄色底纹的接口，返回数据实例如下：

{

"code": 0,

"msg": "",

"data": [ {

"message": "192.168.115.15 - - [18/Sep/2018:11:27:51 +0800] \"GET /api/pot/list HTTP/1.1\" 200 329 \"https://192.168.115.15:8421/\" \"Mozilla/5.0 (Windows NT 10.0; WOW64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/67.0.3396.87 Safari/537.36\"",

"path": "/var/log/nginx/access.log",

"host": "ubuntu"

}, {

"message": "192.168.115.15 - - [18/Sep/2018:11:28:18 +0800] \"GET /api/pot/suspend/1 HTTP/1.1\" 200 68 \"https://192.168.115.15:8421/\" \"Mozilla/5.0 (Windows NT 10.0; WOW64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/67.0.3396.87 Safari/537.36\"",

"path": "/var/log/nginx/access.log",

"host": "ubuntu"

}]

}

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## 用户相关

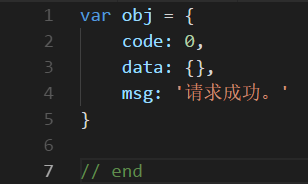
删除用户/api/user/remove POST form 字段username

建立用户/api/user/add POST form 字段username,password,auth(取值0和1)

修改密码/api/user/resetpass POST form 字段password (给自己修改密码)

用户列表/api/user/list GET or POST 返回json数组

## 接口数据统一返回格式



code --- 请求状态 (1失败, 0成功)

data --- 后端返回数据

msg --- 请求状态描述