

v1.17_Bob

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Eltex-Bob - RESTful API , JSON . 9190, GET .
MySQL.
DDoS, , , 1. , .

API:

- `http://<<ip_address>>:<<port>>/GetAPList` JSON
- `http://<<ip_address>>:<<port>>/GetAPDetail/{MAC_ADDRESS}` -
- `http://<<ip_address>>:<<port>>/GetAPAvailable/{MAC_ADDRESS}` -
- `http://<<ip_address>>:<<port>>/GetAPPerformance/{MAC_ADDRESS}` -

GetAPList

JSON, :

- **apID** - mac ;
- **apName** - ;
- **grCity** -
- **grRegion** - /
- **grTB** -
- **vspAddress** - .
- **vspNumber** -
- **apGroup** - ;
- **apRtcGroup** - , (- domain_search.regex, .);

```
{
  "data": [
    {
      "apGroup": " / /. 8621-0304",
      "apID": "a8-f9-4b-b5-a4-a0",
      "grTB": " ",
      "grCity": "., ",
      "vspNumber": "8621-00304",
      "apRtcGroup": "Ug/Volgogradskiy_filial/Volgogradskaya_obl/Volgograd/Sberbank/8621-0304_pr-
kt_Metallurgov_15",
      "vspAddress": "400007, ., ., 15",
      "apName": "sberbank_ug_vgg_volgograd_8621-0304_a8:f9:4b:b5:a4:a0",
      "grRegion": " "
    },
  ],
}
```

- **grTB** - grTB. eltex-bob , grTB . , .
:

`http://localhost:9190/GetAPList?grTB=' '`

GetAPDetail

, :
"ip" - ip
"office" -
"city" -
"firmware-version" -
"serial-number" -
"vsp" -
"full-address" -

```
:  
  
{  
  "ip": "192.168.6.18",  
  "office": ". 178-758",  
  "city": ".",  
  "firmware-version": "1.16.0.163",  
  "serial-number": "WP01000177",  
  "vsp": "4157-081"  
  "full-address": "678100, ., ., 20741"  
}
```

GetAPAvailable

, :
"available" , 0 - ,1 -
"uptime" - ,

```
:  
  
{  
  "available": 0,  
  "uptime": 67370  
}
```

GetAPPerformance

, :
"wifi_users" -

```
:  
  
{  
  "wifi_users": "5"  
}
```

- 2:
- http-basic ,
 - ACL nginx, nginx

nginx ACL

ip, nginx ACL. Access Control List nginx, :

deny - ip address
allow - ip address

, IP 192.168.1.3 127.0.0.1, .

```
location /api {  
    allow 192.168.1.3/24;  
    allow 127.0.0.1;  
    deny all;  
}
```

, nginx bob,

```
server {  
    listen 80;  
    server_name bob;  
    location /api/ {  
        proxy_pass http://localhost:9190/;  
        proxy_set_header Host $host;  
        proxy_set_header X-Forwarded-For $proxy_add_x_forwarded_for;  
        proxy_set_header X-Real-IP $remote_addr;  
        proxy_redirect default;  
    }  
}
```

/etc/eltex-bob/application.properties:

```
# The Datasource Mysql properties  
spring.application.name=bob  
# mysql EMS  
spring.datasource.url=jdbc:mysql://localhost:3306/eltex_ems?  
useSSL=false&useJDBCCompliantTimezoneShift=true&useLegacyDatetimeCode=false&serverTimezone=UTC  
spring.datasource.username=javauser  
spring.datasource.password=javapassword  
  
# Common properties  
domain_search.mask=[a-zA-Z0-9]*\ap\.root - , .  
  
domain_search.regex=^root/Ap/(.*)$ -  
domain_search.replacement=$1  
  
mac.splitter=: - ( ":")  
  
auth.enabled=true - , false -  
auth.username=eltex - , bob  
auth.password=eltexeltex - bob  
  
excel.config.file=/etc/eltex-bob/excel_config.yaml - .  
  
server.port=9190 - ,
```

, Ap.root root, :

```
# Common properties
domain_search.mask=root

domain_search.regex=^(.*)$
domain_search.replacement=$1
```

- /etc/eltex-bob/excel_config.yam:

```
vspSheetName: -
vspExcelFile: /home/vagrant/list2.xlsx -

type: TITLE - . TITLE - , NUMBER - 0,1,...
columns:
  vsp: - , .../Sberbank/4157-081_Kuznechnaya_11a..., "4157-081"
  bank: \
  region: - APGROUP
  office: /
  address: - FULLADDRESS GetAPList

##
#vspSheetName:
#type: NUMBER
#columns:
# vsp: 3
# bank: 1
# region: 10
# office: 2
# address: 7
```

, 10 , , *spring.datasource.hikari.maximum-pool-size=20*, 20 .

: /etc/default/eltex-bob .