

# Zabbix

## task

- dashboard con conteggi aggregati (e altri grafici interessanti)
- trigger di allarme:
  - luce accesa da troppo tempo
- export dati csv con API
- gestire utente non privilegiato su zabbix
- VPN robusta che riparte quando il cloud non è raggiungibile
- gestire il mancato boot della componente zabbix di hass
  - /etc/openvpn/iotaiuto.conf ?
  - come far ripartire la connessione zabbix all'interno di hass ?
- esphome:
  - costruire in power meter con allarme su alexa
  - costruire un citofono con ESP32 CAM

## API

```
#!/bin/sh

# 1. set connection details
url=http://monitor.iotaiuto.it/api_jsonrpc.php
user=xxx
password=xxx

# 2. get authorization token
auth=$(curl -s -X POST \
-H 'Content-Type: application/json-rpc' \
-d " \
{
  \"jsonrpc\": \"2.0\",
  \"method\": \"user.login\",
  \"params\": {
    \"user\": \"$user\",
    \"password\": \"$password\"
  },
  \"id\": 1,
  \"auth\": null
}
" $url | \
jq -r '.result'
)

# 3. show triggers in problem state
```

```
curl -s -X POST \  
-H 'Content-Type: application/json-rpc' \  
-d " \  
{  
  \"jsonrpc\": \"2.0\",  
  \"method\": \"trigger.get\",  
  \"params\": {  
    \"output\": \"extend\",  
    \"selectHosts\": \"extend\",  
    \"filter\": {  
      \"value\": 1  
    },  
    \"sortfield\": \"priority\",  
    \"sortorder\": \"DESC\"  
  },  
  \"auth\": \"$auth\",  
  \"id\": 1  
}  
" $url | \  
jq -r '.result'
```

# 4. logout user

```
curl -s -X POST \  
-H 'Content-Type: application/json-rpc' \  
-d " \  
{  
  \"jsonrpc\": \"2.0\",  
  \"method\": \"user.logout\",  
  \"params\": [],  
  \"id\": 1,  
  \"auth\": \"$auth\"  
}  
" $url
```

~ ❏ Scaricati ❏

→ ❏# 1. set connection details

```
url=http://127.0.0.1/api_jsonrpc.php  
user=api  
password=zabbix
```

# 2. get authorization token

```
auth=$(curl -s -X POST \  
-H 'Content-Type: application/json-rpc' \  
-d " \  
{  
  \"jsonrpc\": \"2.0\",  
  \"method\": \"user.login\",  
  \"params\": {  
    \"user\": \"$user\",  
    \"password\": \"$password\"  
  },  
  \"id\": 1,
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    \"selectHosts\": \"extend\",
    \"filter\": {0\",
      \"value\": logout\",
    },ms\": [],
    \"sortfield\": \"priority\",
    \"sortorder\": \"DESC\"
  },
  \"auth\": \"$auth\",
  \"id\": 1
}
" $url | \
jq -r '.result'

# 4. logout user
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```

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    \method\": \user.logout\",  
    \params\": [],  
    \id\": 1,  
    \auth\": \"$auth\"  
}  
" $url
```

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