

# 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=$(curl -s -X POST \
-H 'Content-Type: application/json-rpc' \
-d " \
{
  \"jsonrpc\": \"2.0\",
  \"method\": \"user.login\",
  \"params\": {
    \"user\": \"\$user\",
    \"password\": \"\$password\"
  },
  \"id\": 1,
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url=http://127.0.0.1/api_jsonrpc.php
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# 2. get authorization token
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{
  -d " \
  \"jsonrpc\": \"2.0\",
  \"method\": \"user.login\",
  \"params\": {: \"trigger.get\",
  \"user\": \"$user\",
  \"password\": \"$password\",
  },      \"selectHosts\": \"extend\",
  \"id\": 1,filter\": {
  \"auth\": null,value\": 1
}
},
" $url | \sortfield\": \"priority\",
jq -r '.result'order\": \"DESC\"
) },
  \"auth\": \"$auth\",
# 3. show triggers in problem state
curl -s -X POST \
" $u-H 'Content-Type: application/json-rpc' \
-d " \'.result'
{
  \"jsonrpc\": \"2.0\",
  \"method\": \"trigger.get\",
  \"params\": {type: application/json-rpc' \
    \"output\": \"extend\",
    \"selectHosts\": \"extend\",
    \"filter\": {0\",
    \"value\": logout\",
    },ms\": [],
    \"sortfield\": \"priority\",
    \"sortorder\": \"DESC\"
  },
  \"auth\": \"$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
```

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