

# 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 un 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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" $u-H 'Content-Type: application/json-rpc' \
-d " \'.result'
{
\"jsonrpc\": \"2.0\",
\"method\": \"trigger.get\",
\"params\": {type: application/json-rpc' \
\"output\": \"extend\",
\"selectHosts\": \"extend\",
\"filter\": {0\",
\"value\": logout\",
},ms\": [],
\"sortfield\": \"priority\",
\"sortorder\": \"DESC\
),
\"auth\": \"$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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