

# 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

## 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=$(curl -s -X POST \
-H 'Content-Type: application/json-rpc' \
-d " \
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  \"jsonrpc\": \"2.0\",
  \"method\": \"user.login\",
  \"params\": {
    \"user\": \"$user\",
    \"password\": \"$password\"
  },
  \"id\": 1
}
# 1. set connection details
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    \"method\": \"user.login\",
    \"params\": { : \"trigger.get\",
      \"user\": \"$user\",
      \"password\": \"$password\",
    },
    \"selectHosts\": \"extend\",
    \"id\": 1,
    \"filter\": {
      \"auth\": nullvalue: 1
    },
    \"$url | \sortfield\": \"priority\",
    jq -r '.result'rdler\": \"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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Permanent link:  
<https://wiki.csgalileo.org/tips/zabbix?rev=1624877046>

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