Qualys API – Tracking API Usage

Overview

You can track API usage by a user without the need to provide user credentials such as the username and password.

API usage can be tracked using the X-Powered-By HTTP header which includes a unique ID generated for each subscription and a unique ID generated for each user. Once enabled, the X-Powered-By HTTP header is returned for each API request made by a user.

Contact Qualys Support to get the X-Powered-By HTTP header enabled.

Format

The information is returned in the following format:

X-Powered-By: Qualys:<POD_ID>:<SUB_UUID>:<USER_UUID>

Where,

- **POD_ID** is the shared POD or a PCP. Shared POD is USPOD1, USPOD2, etc. For a list of shared PODs, see the Qualys API V2 User Guide.
- **SUB_UUID** is the unique ID generated for the subscription
- **USER_UUID** is the unique ID generated for the user

For example,

X-Powered-By: Qualys:QAPOD4SJC:f972e2cc-69d6-7ebd-80e6-7b9a931475d8:06198167-43f3-7591-802a-1c400a0e81b1

You can use the USER_UUID to track API usage per user.

Samples

Here are sample outputs showing the X-Powered-By HTTP header for VM/PC and Portal apps.

Sample output 1: VM and PC

```plaintext
HTTP/1.1 200 OK
Date: Thu, 14 Sep 2017 09:11:21 GMT
Server: Qualys
X-XSS-Protection: 1
X-Content-Type-Options: nosniff
X-Frame-Options: SAMEORIGIN
X-Powered-By: Qualys:USPOD1:d9a7e94c-0a9d-c745-82e9-980877cc5043:f178af1e-4049-7fce-81ca-75584feb8e93
```
< X-RateLimit-Limit: 300
< X-RateLimit-Window-Sec: 3600
< X-Concurrency-Limit-Limit: 500
< X-Concurrency-Limit-Running: 0
< X-RateLimit-ToWait-Sec: 0
< X-RateLimit-Remaining: 298
< X-Qualys-Application-Version: QWEB-8.11.0.0-SNAPSHOT-20170914072818#4205
< X-Server-Virtual-Host: qualysapi.p04.eng.qualys.com
< X-Server-Http-Host: qualysapi.p04.eng.qualys.com
< Transfer-Encoding: chunked
< Content-Type: text/xml;charset=UTF-8
...

Sample output 1: Portal Apps
...
229HTTP/1.1 200 OK
X-Powered-By: Qualys:QAPOD4SJC:f972e2cc-69d6-7ebd-80e6-7b9a931475d8:06198167-43f3-7591-802a-1c400a0e81b1
Content-Type: application/xml
Transfer-Encoding: chunked
Date: Mon, 04 Dec 2017 05:36:29 GMT
Server: Apache
LBDEBUG: NS=10.44.1.12,SERVER=10.44.77.81:50205,CSW=cs-p04-qualysapi-443,VSERVER=vs-p04-papi-80,ACTIVE-SERVICES=2,HEALTH=100
...

The X-Powered-By HTTP header will be returned for both valid and invalid requests. However, it will not be returned if an invalid URL is hit or when user authentication fails.