

iGS03 Verify HTTP POST

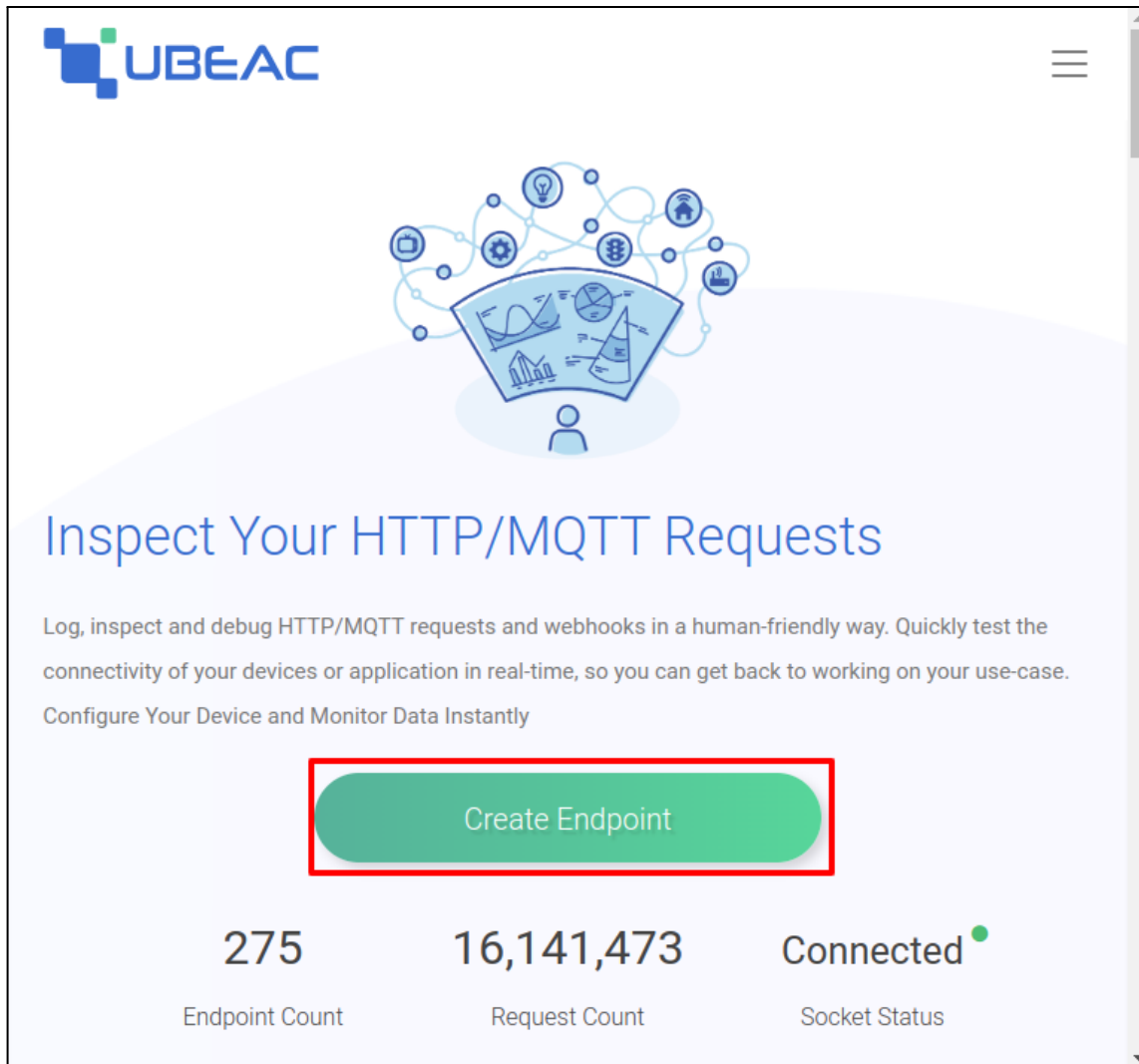
Introduction

The Document provides a quick way to test HTTP POST on cloud with a public existing service <https://hook.ubeac.io/> before your backend is built.

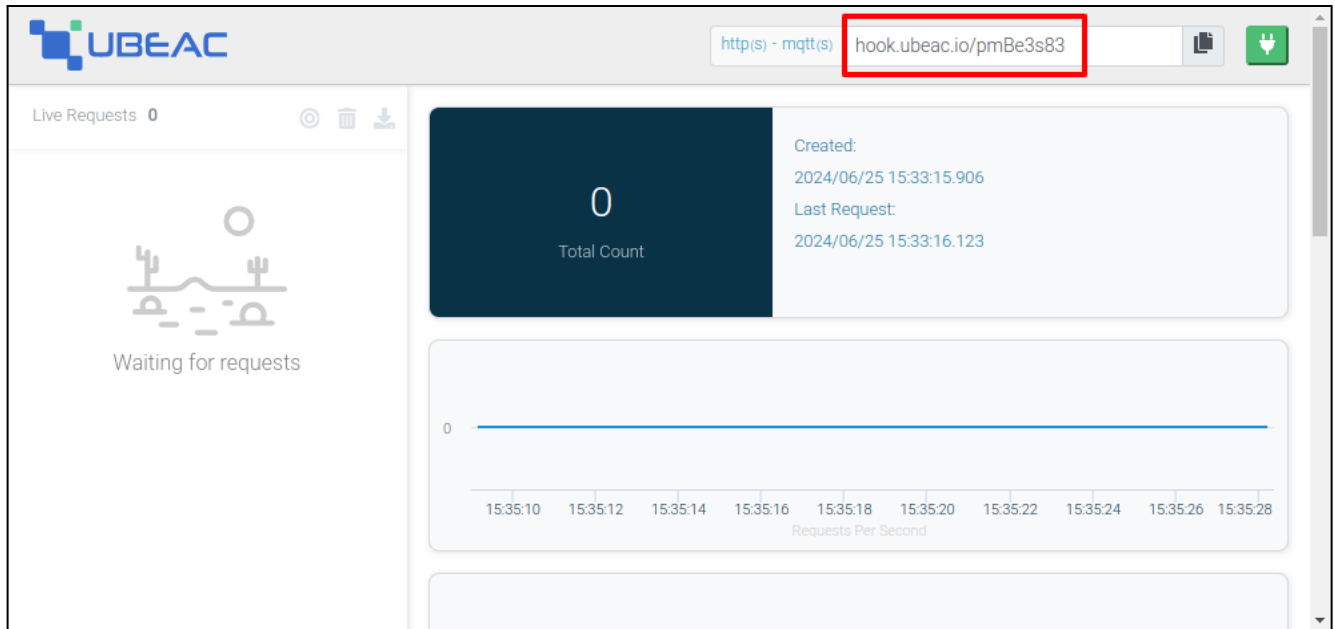
Quick verify iGS03 HTTP on Ubeac.io

Steps:

1. Go to <https://hook.ubeac.io/> and click the "Create Endpoint" button to generate an endpoint.



2. After the endpoint is created, copy or write down the generated endpoint URL.



3. After basic network settings, goto APPLICATION page and fill in the endpoint URL.

Application Settings

Mode
HTTP POST

Target URL
https://hook.ubeac.io/pmBe3s83

☐ Use Client Certificate

Server Root CA
No

Extra Header

Extra Header Value

Content Type
text/plain

☒ Keep-Alive

Append Timestamp
In Second

☒ Message Throttling

Request Interval
10 seconds

Cache Full Handling
Discard new input data

SAVE

The server has ratelimit so if sending post requests too frequently the server will block new requests for a period of time. To avoid such issues, suggest to set "Request interval" (e.g. 10 sec) and enable "Message Throttling". Remember to click SAVE and REBOOT the device to apply the new setting.

Require reboot for the changes to take effect.

REBOOT

4. After device reboot, check the endpoint page to get Device POST records

The screenshot displays the UBEAC endpoint monitoring interface. On the left, a list of live requests is shown, each with a green 'POST' status, a timestamp, an IP address, and a trace ID. The right panel provides a detailed view of a selected request, including a graph of requests per second, a heart beat indicator, and MQTT settings. The 'Body' tab is selected, showing a long alphanumeric string.

Live Requests 15

POST 2024/06/25 15:50:27.602
125.228.203.199
0HN4DHL4T52NO:0000024C

POST 2024/06/25 15:50:35.455
125.228.203.199
0HN4DHL4T52NO:000000F7

POST 2024/06/25 15:50:45.438
125.228.203.199
0HN4DHL4T52NK:00001167

POST 2024/06/25 15:50:55.445
125.228.203.199
0HN4DHL4T52NO:0000024F

POST 2024/06/25 15:51:05.442
125.228.203.199
0HN4DHL4T52NC:00001676

POST 2024/06/25 15:51:15.442
125.228.203.199
0HN4DHL4T52NC:00001677

POST 2024/06/25 15:51:25.453
125.228.203.199
0HN4DHL4T52NS:00000105

POST 2024/06/25 15:51:35.447

Graphs:
Requests Per Second
Heart Beat

MQTT setting

1. URL: hook.ubeac.io/pmBe3s83
2. Protocols: HTTP, HTTPS

MQTT setting

1. Host: hook.ubeac.io:1885
2. Protocol: TCP
3. Topic: pmBe3s83

POST 2024/06/25 15:50:27.602 **Trace Id:** 0HN4DHL4T52NO:0000024C
IP: 125.228.203.199 **Port:** 49136

Headers **Body** **Client Info** **Raw**

\$GPRP,806FB087E146,F008D1798BA4,56,02010612FF0D0083BCFB0000B50A2B00000014110000,1719301825

Revision History

DATE	REVISION	CHANGES
Feb 23, 2016	1	Initial release
Jul 1, 2017	2	Updated to use http://hookbin.com service
Jan 8, 2021	3	Add ratelimit notes about hookbin.com server
Jun 25, 2024	4	Updated to use https://hook.ubeac.io/ and iGS03