

一場與使用者人數的競爭

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PMGO.PW

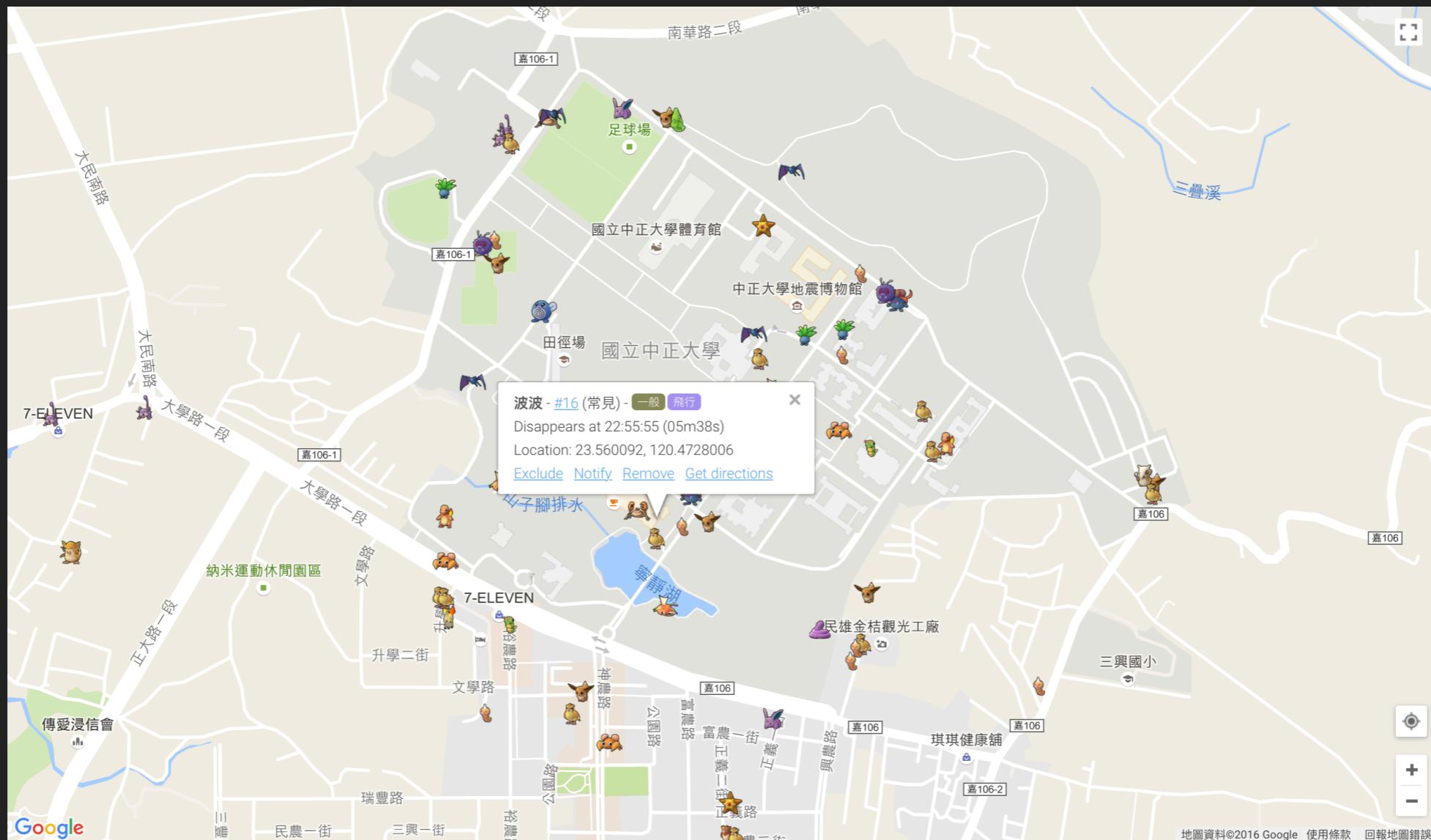


BePsvPT

資工大四



# PokemonGO Map

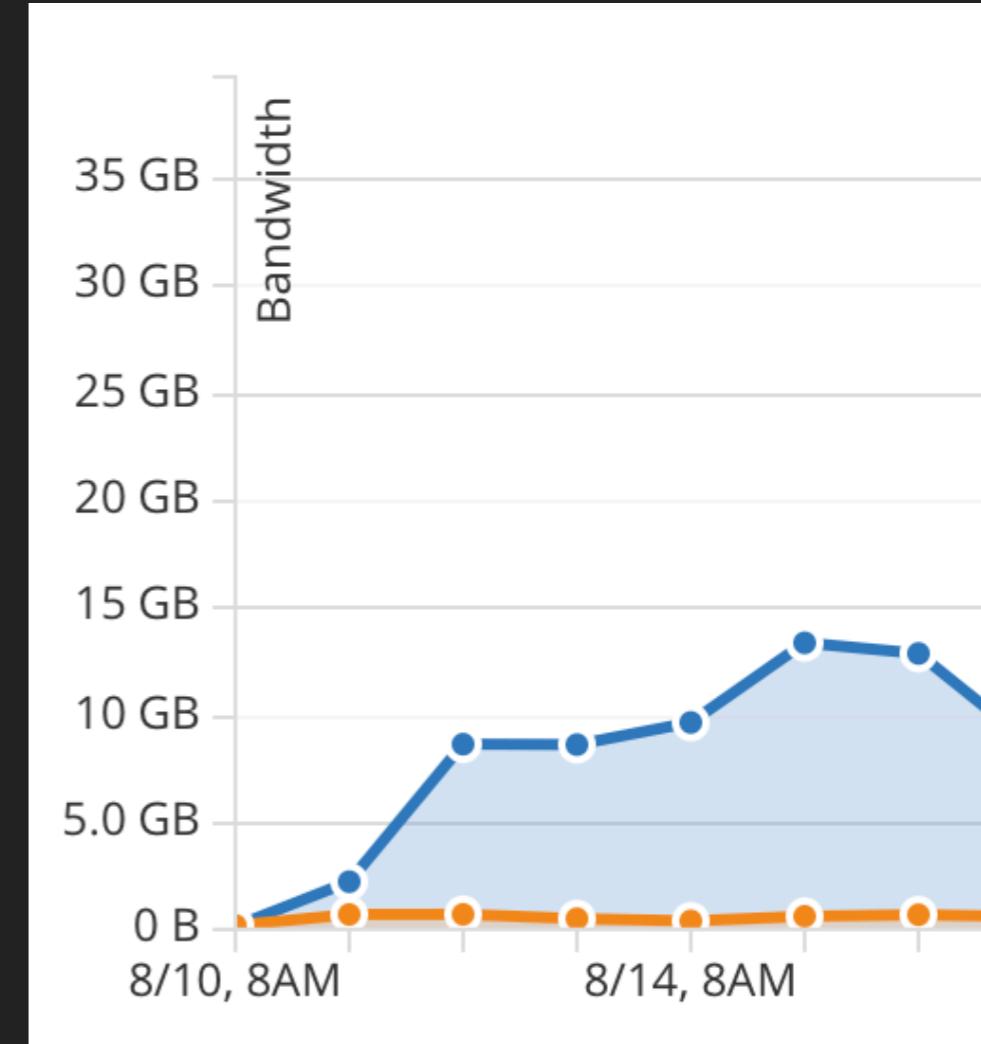
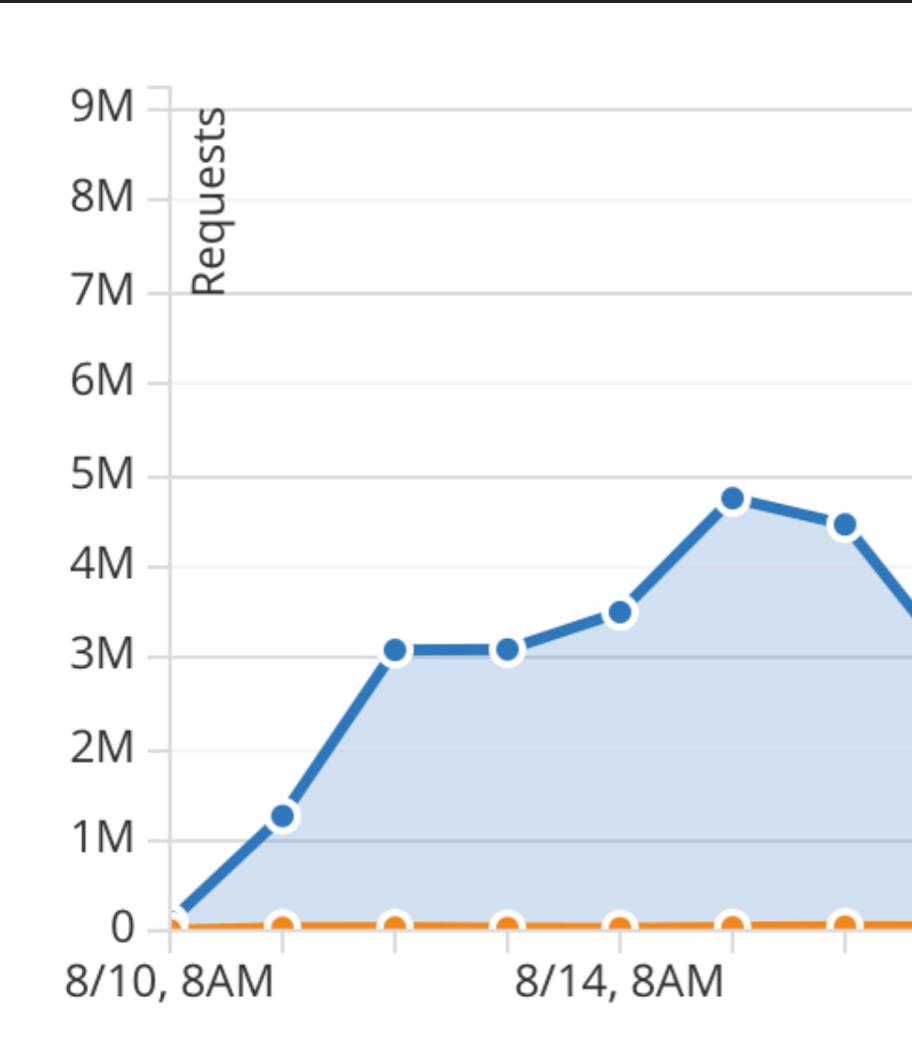


● 工作階段

4,000

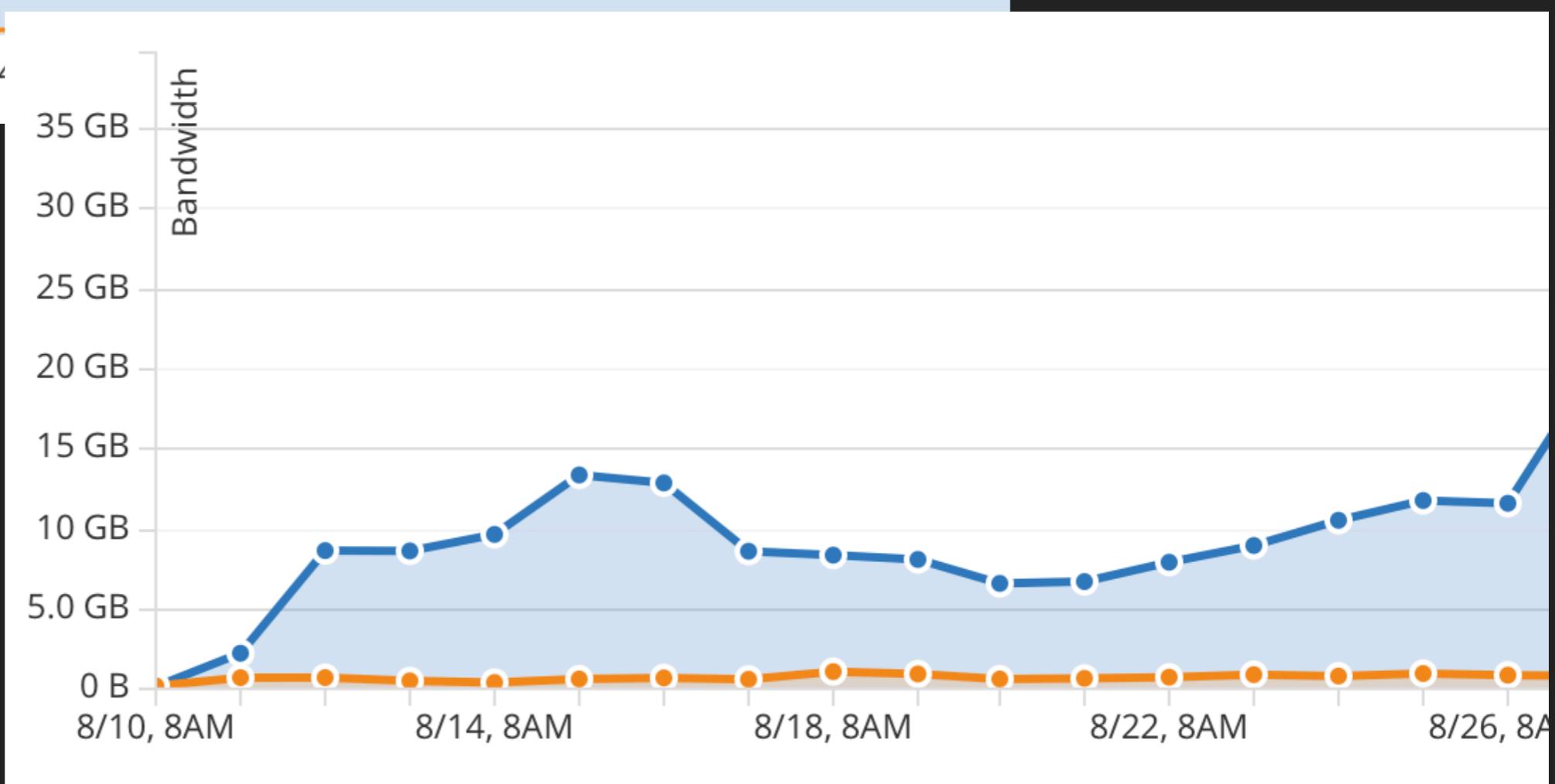
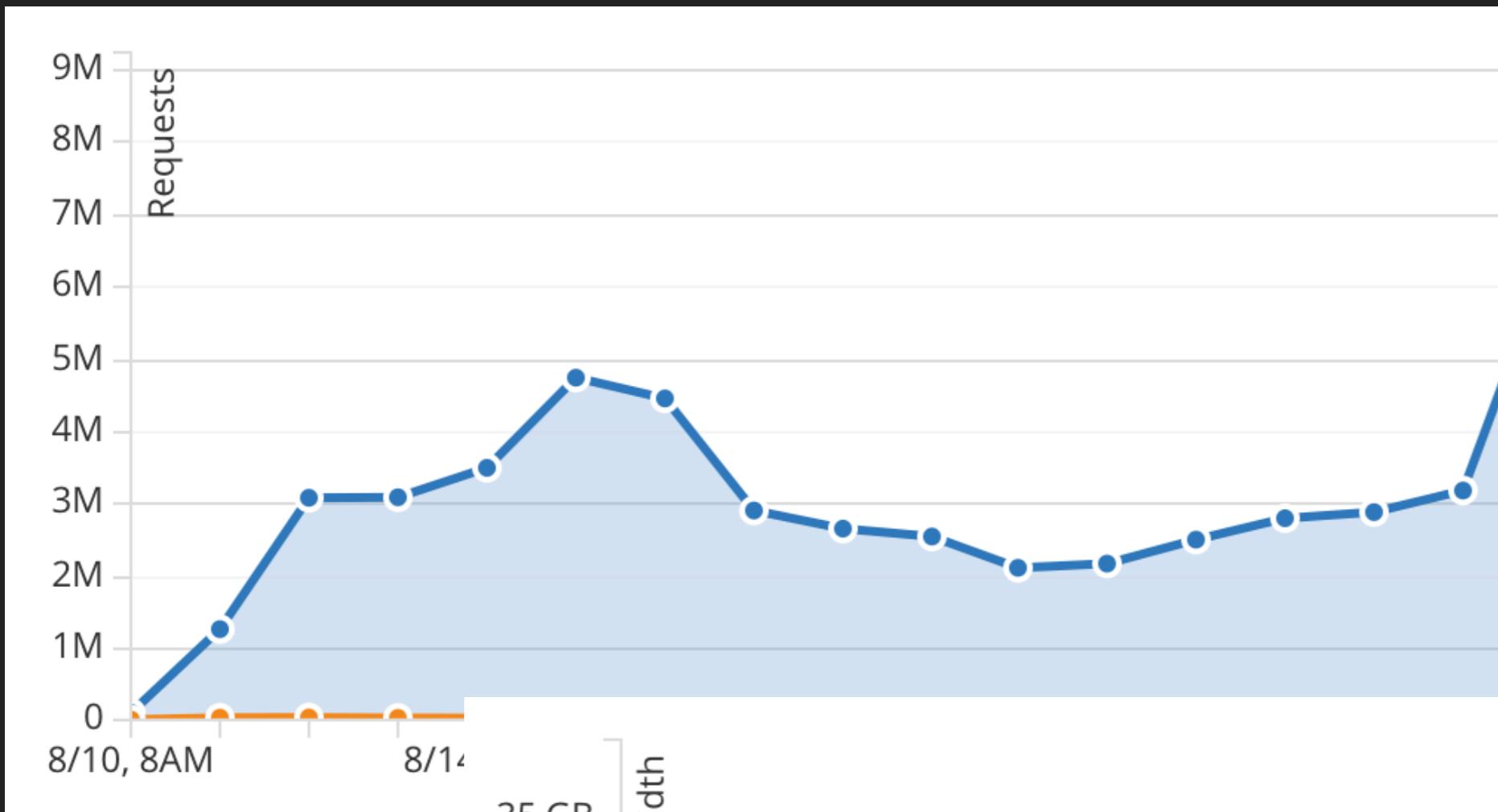
2,000

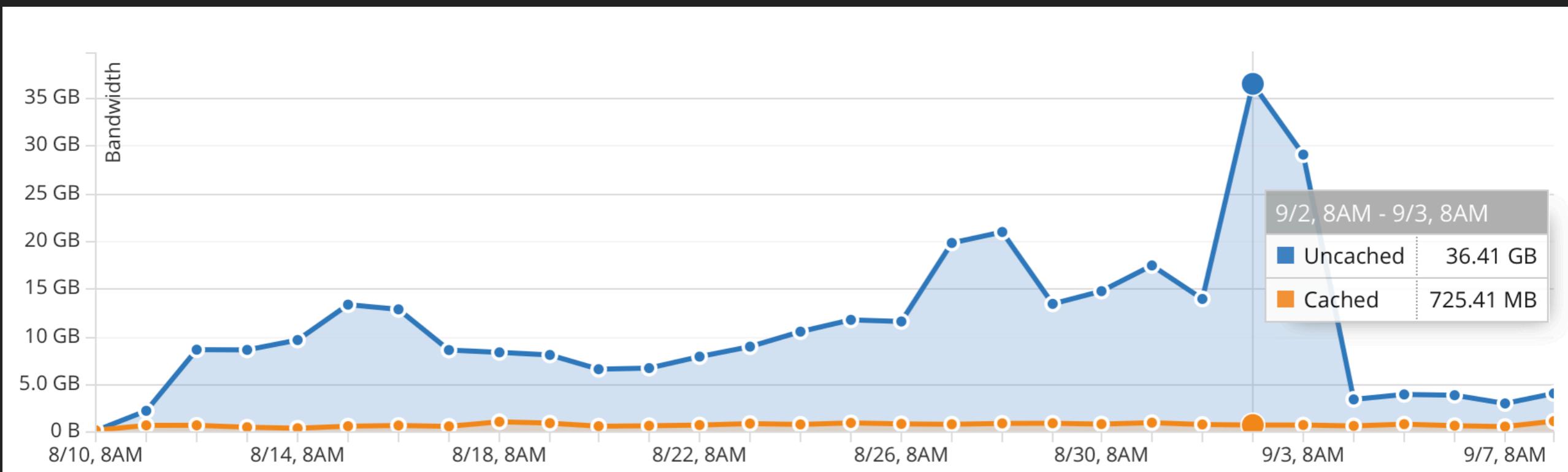
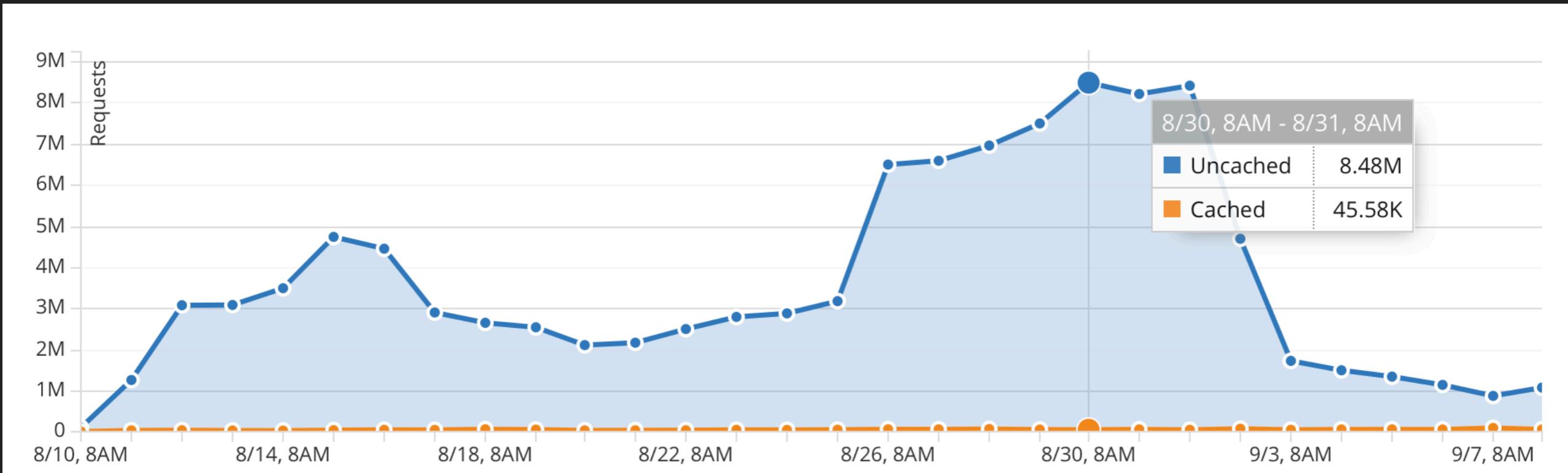
... 8月11日 8月12日 8月13日 8月14日 8月15日 8月16日



- ▶ 改程式碼？
- ▶ 移到系上？
- ▶ 升級設備？

所有資源	文件	網域	類型	方式
raw_data		pmgo.pw	XHR	GET
raw_data		pmgo.pw	XHR	GET
raw_data		pmgo.pw	XHR	GET
raw_data		pmgo.pw	XHR	GET
raw_data		pmgo.pw	XHR	GET



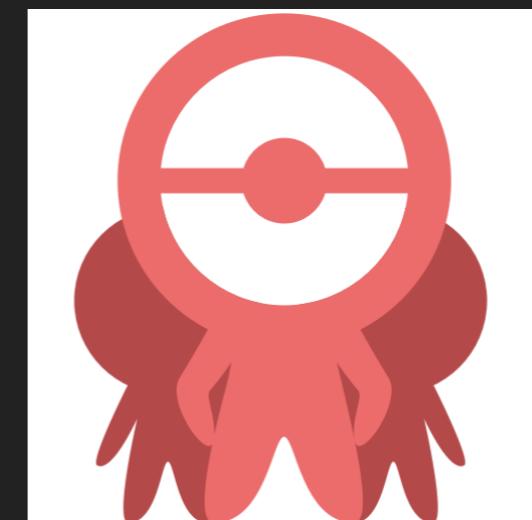
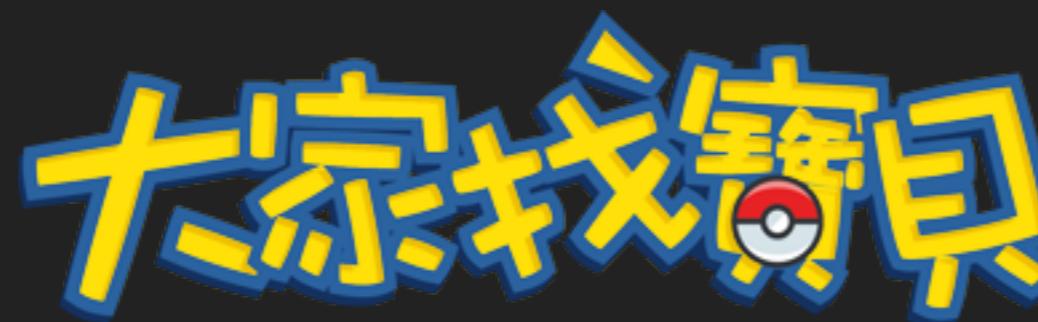
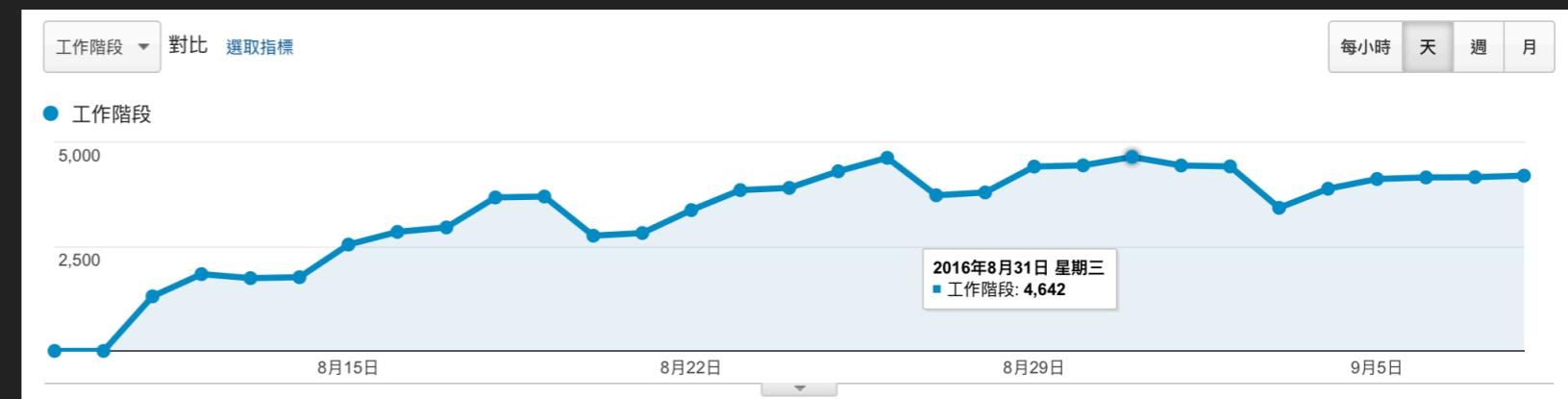
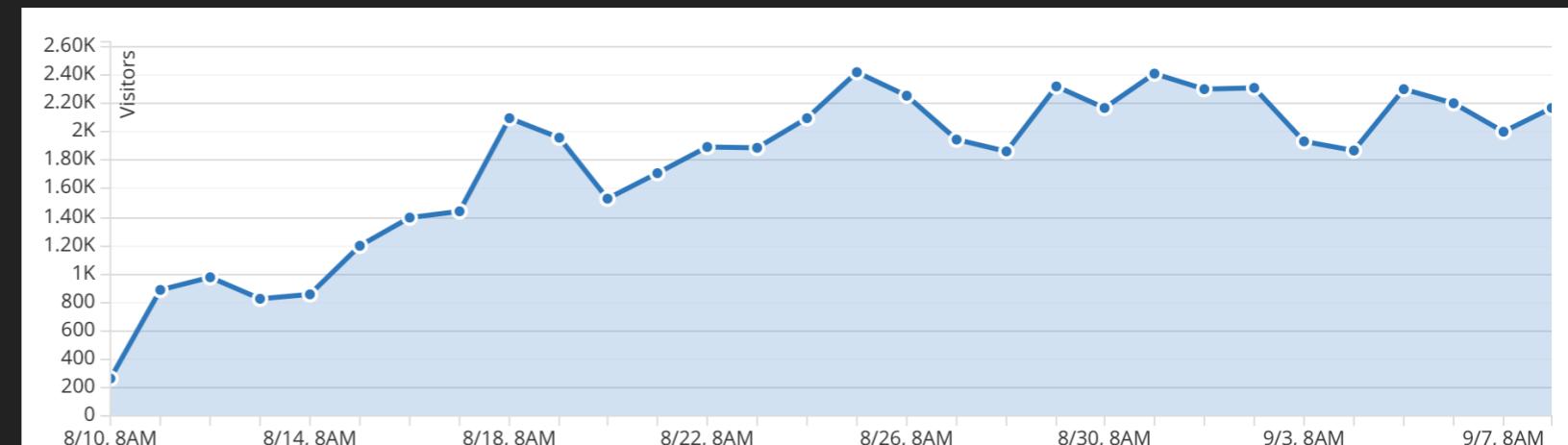


## 可能原因

▶ 人數上升？

▶ 盜用 API？

▶ 架構更動？



- ▶ 改程式碼？
- ▶ 移到系上？
- ▶ 升級設備？

## FreeBSD

- csie0.cs.ccu.edu.tw
- csie1.cs.ccu.edu.tw
- csie2.cs.ccu.edu.tw

## Linux

- linux.cs.ccu.edu.tw
- mcore8.cs.ccu.edu.tw

- ▶ pip command not found

- ▶ 自己編

- ▶ zlib1g-dev not found

- ▶ 換 csieX

```
[runserver][INFO] Parsed location is: 23.5584/120.4719/85.6168 (lat/lng/alt)
[models][INFO] Connecting to MySQL database on
[models][INFO] Disable db clean
[search][INFO] Search overseer starting
[search][INFO] Starting search worker threads
[search][INFO] New location caught, moving search grid
[search][INFO] Searching at 23.557469,120.470086
[auth_ptc][INFO] PTC User Login for:
```

然而，問題並沒有解決



台灣



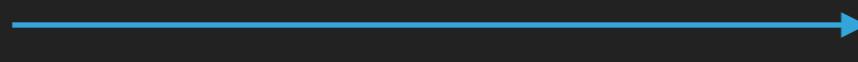
中正



台北  
CLOUDFLARE™



新加坡



[https://www.cs.ccu.edu.tw/images/index\\_pic.jpg](https://www.cs.ccu.edu.tw/images/index_pic.jpg)

[http://kevinwarnock.com/wp-content/uploads/2011/03/cf\\_horizontal\\_large.png](http://kevinwarnock.com/wp-content/uploads/2011/03/cf_horizontal_large.png)

[https://networitech-nuavmselfnrja.netdna-ssl.com/wp-content/uploads/2016/08/browser-773215\\_960\\_720.png](https://networitech-nuavmselfnrja.netdna-ssl.com/wp-content/uploads/2016/08/browser-773215_960_720.png)

[https://upload.wikimedia.org/wikipedia/zh/thumb/f/ff/DigitalOcean\\_logo.svg/1280px-DigitalOcean\\_logo.svg.png](https://upload.wikimedia.org/wikipedia/zh/thumb/f/ff/DigitalOcean_logo.svg/1280px-DigitalOcean_logo.svg.png)

- ▶ 改程式碼？
- ▶ 移到系上？
- ▶ 升級設備？



**\$5** /mo

512MB Memory  
1 Core Processor  
20GB SSD Disk  
1TB Transfer

**\$10** /mo

1GB Memory  
1 Core Processor  
30GB SSD Disk  
2TB Transfer

**\$20** /mo

2GB Memory  
2 Core Processor  
40GB SSD Disk  
3TB Transfer

**\$40** /mo

4GB Memory  
2 Core Processor  
60GB SSD Disk  
4TB Transfer

**\$80** /mo

8GB Memory  
4 Core Processor  
80GB SSD Disk  
5TB Transfer

**Name**



**pmgo.pw-upstream-05**

512 MB / 20 GB Disk / SGP1 - Ubuntu pmgo.pw-upstream



**pmgo.pw-upstream-04**

512 MB / 20 GB Disk / SGP1 - Ubuntu pmgo.pw-upstream



**pmgo.pw-upstream-03**

512 MB / 20 GB Disk / SGP1 - Ubuntu pmgo.pw-upstream



**pmgo.pw-upstream-02**

512 MB / 20 GB Disk / SGP1 - Ubuntu 16.04.1 x64



**pmgo.pw-upstream-01**

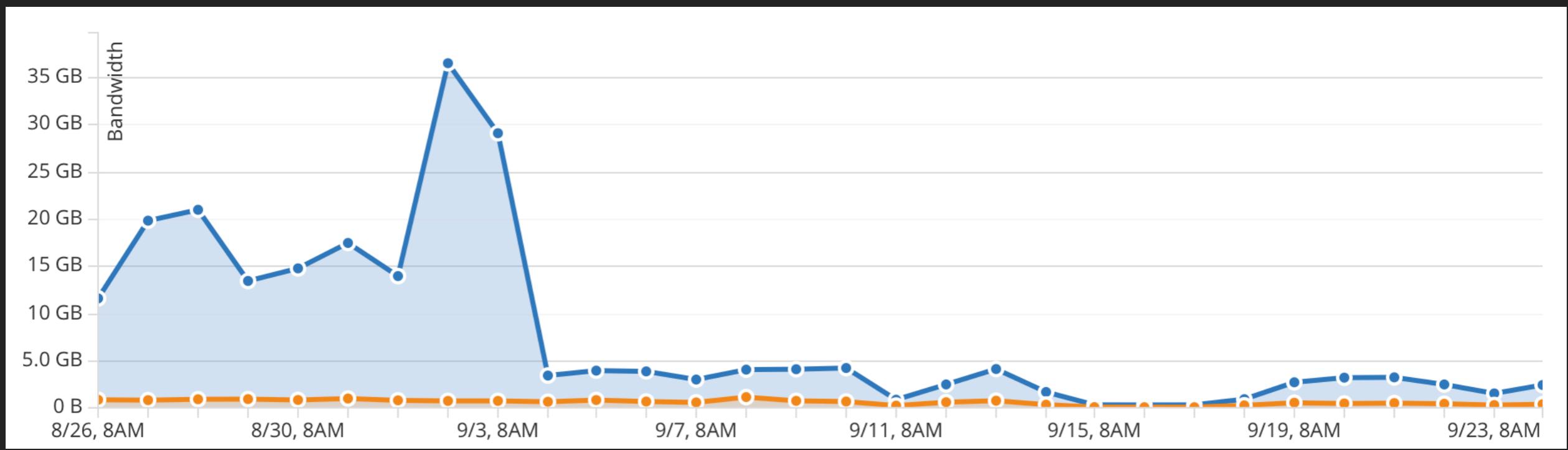
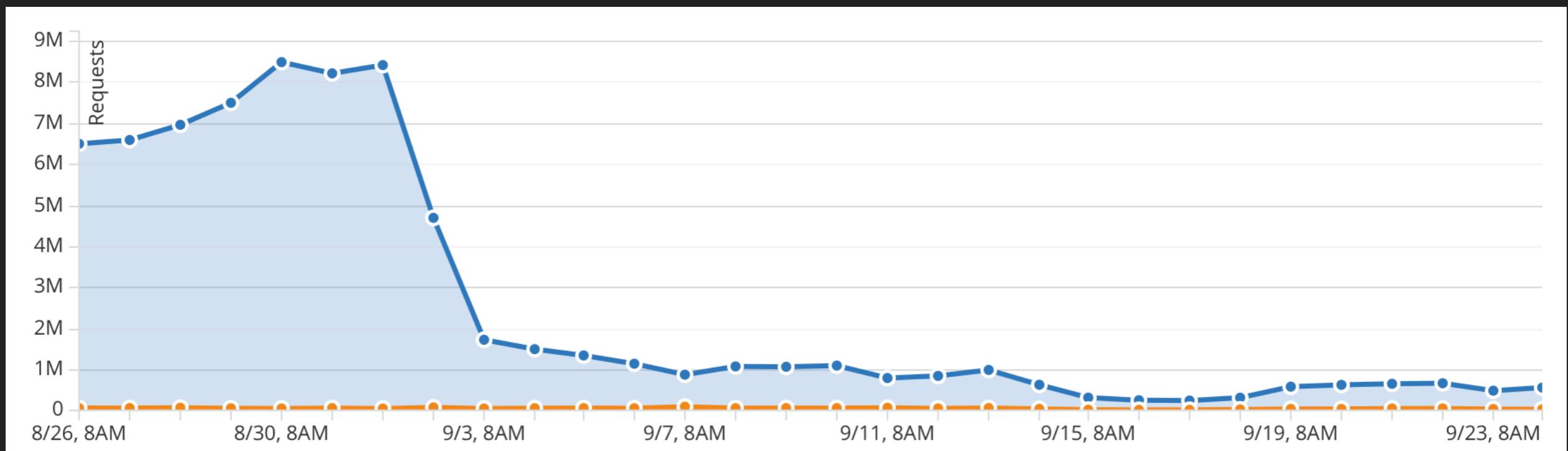
512 MB / 20 GB Disk / SGP1 - Ubuntu 16.04.1 x64



**pmgo.pw**

512 MB / 20 GB Disk / SGP1 - Ubuntu 16.04.1 x64

- ▶ 改程式碼？
  - ▶ 移到系上？
  - ▶ 升級設備？
- 
- ▶ 寶可夢
  - ▶ 道館
  - ▶ 補給站
  - ▶ 重生點
  - ▶ 已掃描點



Q & A

# Thanks