

Locust



대전 공통2반 정민우

설치

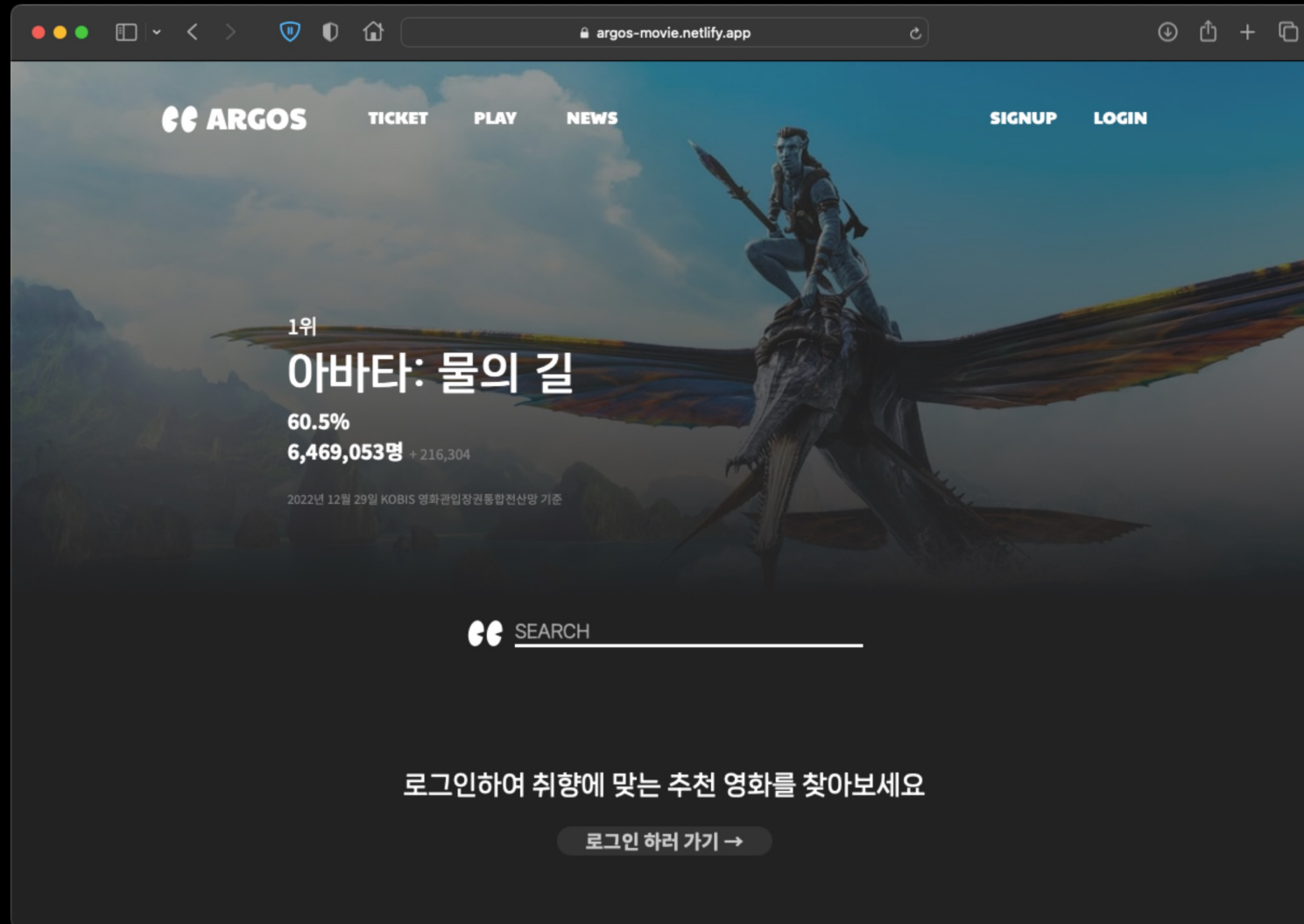
```
$ pip install locust
```

준비

```
//locustfile.py
from locust import HttpUser, task

class ServerTest(HttpUser):
    @task
    def api_test(self):
        self.client.get("/")
```

<https://argos-movie.netlify.app/home>



실행


```
$ locust
```

```
$ locust -f {파일명}.py
```

```
[2022-12-30 11:59:47,448] /locust.main: Starting web interface at  
http://0.0.0.0:8089 (accepting connections from all network interfaces)
```

```
[2022-12-30 11:59:47,454] /locust.main: Starting Locust 2.14.0
```

테스트

 LOCUST

HOST

STATUS
READY
0 users

Start new load test

Number of users (peak concurrency)

Spawn rate (users started/second)

Host (e.g. http://www.example.com)

[Advanced options](#)

<- 최대 테스트 동시접속자 수

<- 초당 접속자 증가 폭

<- 테스트할 호스트 주소

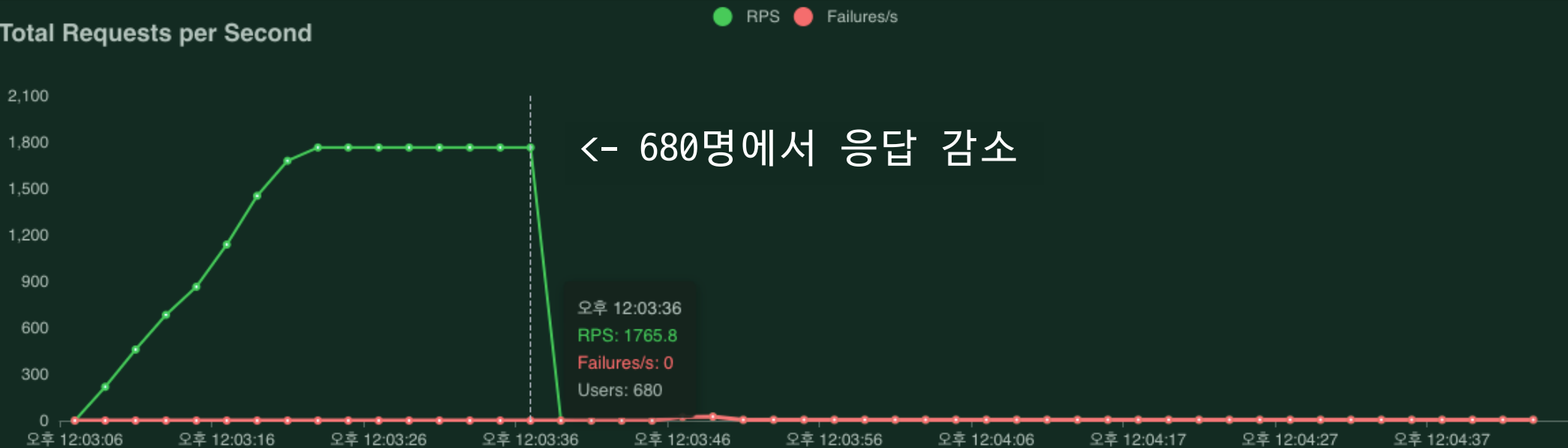
<- 테스트 시작

가상 유저 인스턴스

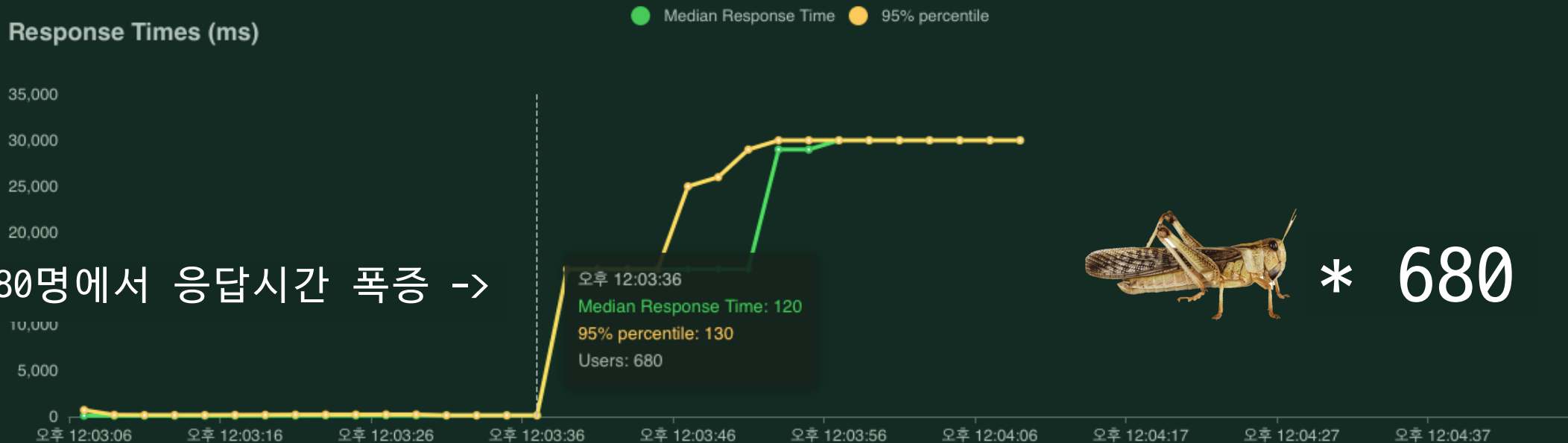
서버



Total Requests per Second



Response Times (ms)



* 680

/locust.main: Shutting down (exit code 1)

Type	Name	# reqs	# fails	Avg	Min	Max	Med	req/s	failures/s
GET	/home/	25713	360(1.40%)	406	73	30005	110	537.69	7.53
Aggregated		25713	360(1.40%)	406	73	30005	110	537.69	7.53

Response time percentiles (approximated)

Type	Name	50%	66%	75%	80%	90%	95%	98%	99%	99.9%	99.99%	100%	# reqs
GET	/home/	110	120	130	140	170	210	370	16000	30000	30000	30000	25713
Aggregated		110	120	130	140	170	210	370	16000	30000	30000	30000	25713

Error report

# occurrences	Error
230	GET /home/: ConnectionResetError(54, 'Connection reset by peer')
92	GET /home/: ReadTimeout(ReadTimeoutError("HTTPSPool(host='argos-movie.netlify.app', port=443): Read timed out. (read timeout=None)"))
38	GET /home/: RemoteDisconnected('Remote end closed connection without response')