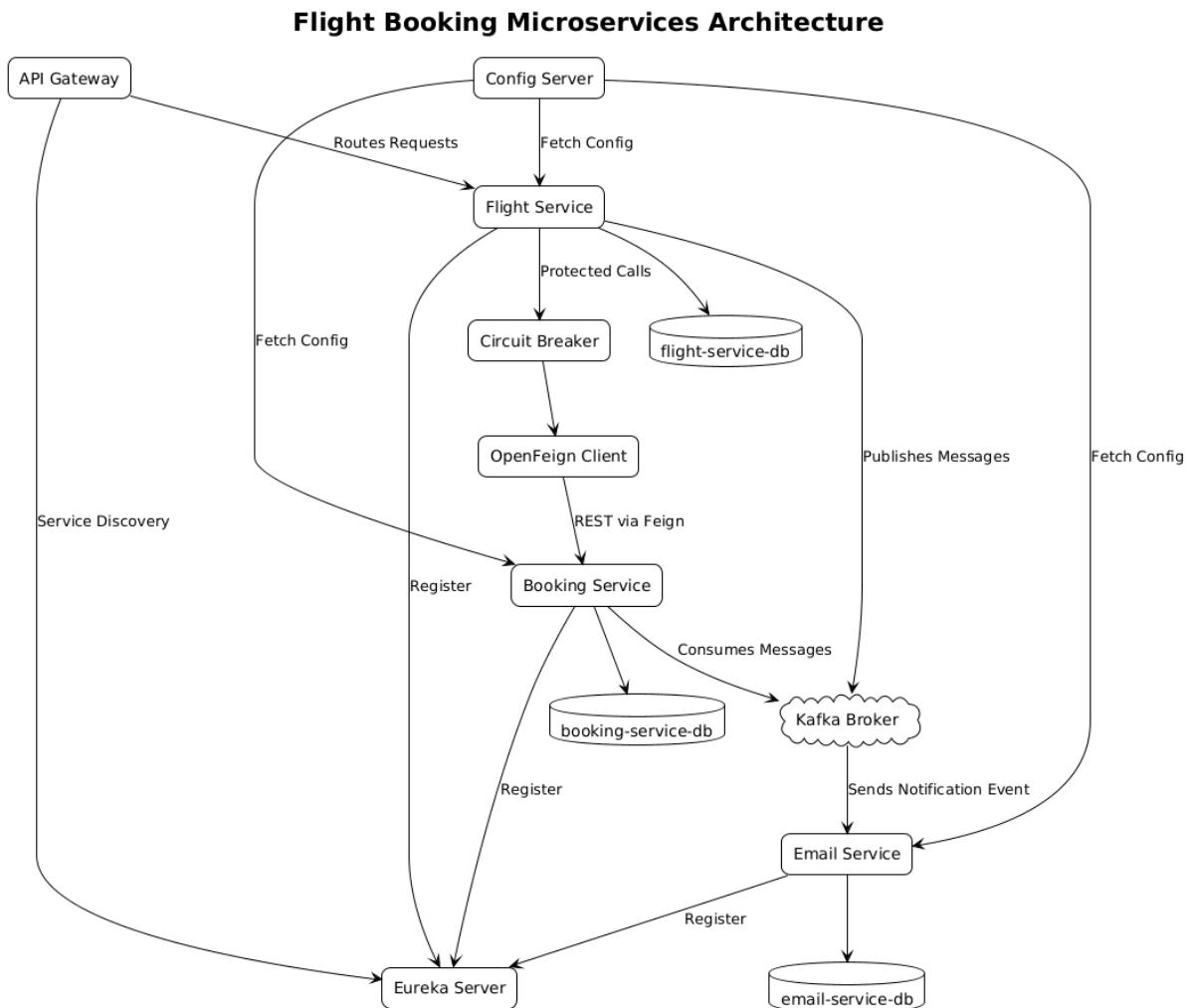


## Current Microservices Architecture:



## Eureka-server:

Application	AMIs	Availability Zones	Status
EMAIL-SERVICE	n/a (1)	(1)	UP (1) - <a href="#">host.docker.internal:email-service:8085</a>
API-GATEWAY	n/a (1)	(1)	UP (1) - <a href="#">host.docker.internal:api-gateway:8080</a>
BOOKING-SERVICE	n/a (1)	(1)	UP (1) - <a href="#">host.docker.internal:booking-service:8082</a>
CONFIG-SERVER	n/a (1)	(1)	UP (1) - <a href="#">host.docker.internal:config-server:8888</a>
FLIGHT-SERVICE	n/a (1)	(1)	UP (1) - <a href="#">host.docker.internal:flight-service:8081</a>

**General Info**

Jacoco coverage:

FlightService:

---

FlightService

**FlightService**

Element	Missed Instructions	Cov.	Missed Branches	Cov.	Missed	Cxtx	Missed	Lines	Missed	Methods	Missed	Classes
com.flightservice	37%	n/a	1	2	2	3	1	2	0	1	0	1
com.flightservice.services	100%	100%	0	10	0	40	0	9	0	9	0	1
com.flightservice.controllers	100%	100%	0	8	0	13	0	5	0	5	0	1
Total	5 of 231	97%	0 of 8	100%	1	20	2	56	1	16	0	3

---

BookingService:

---

booking-service

**booking-service**

Element	Missed Instructions	Cov.	Missed Branches	Cov.	Missed	Cxtx	Missed	Lines	Missed	Methods	Missed	Classes
com.bookingservice	22%	n/a	2	4	5	7	2	4	0	4	0	2
com.bookingservice.kafka	0%	n/a	1	1	2	2	1	1	1	1	1	1
com.bookingservice.services	100%	100%	0	9	0	54	0	8	0	8	0	1
com.bookingservice.config	100%	n/a	0	3	0	7	0	3	0	3	0	1
com.bookingservice.controller	100%	n/a	0	4	0	5	0	4	0	4	0	1
Total	28 of 275	89%	0 of 2	100%	3	21	7	75	3	20	1	6

---

Docker for kafka and zookeeper:

Images [Give feedback](#)

Local My Hub

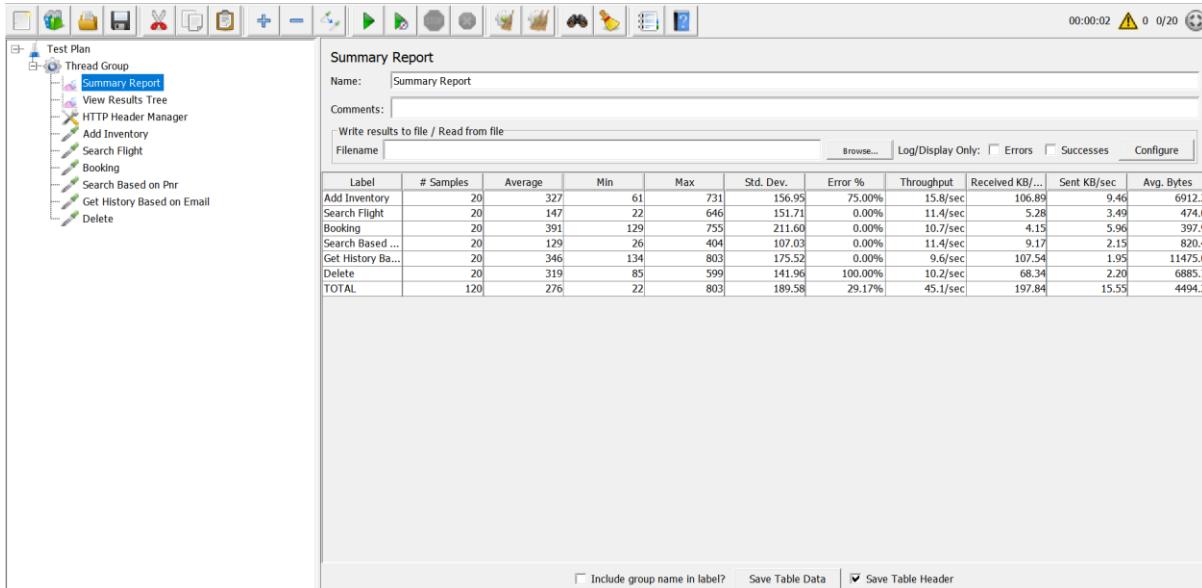
1.01 GB / 2.43 GB in use 2 images Last refresh: 4 hours ago

---

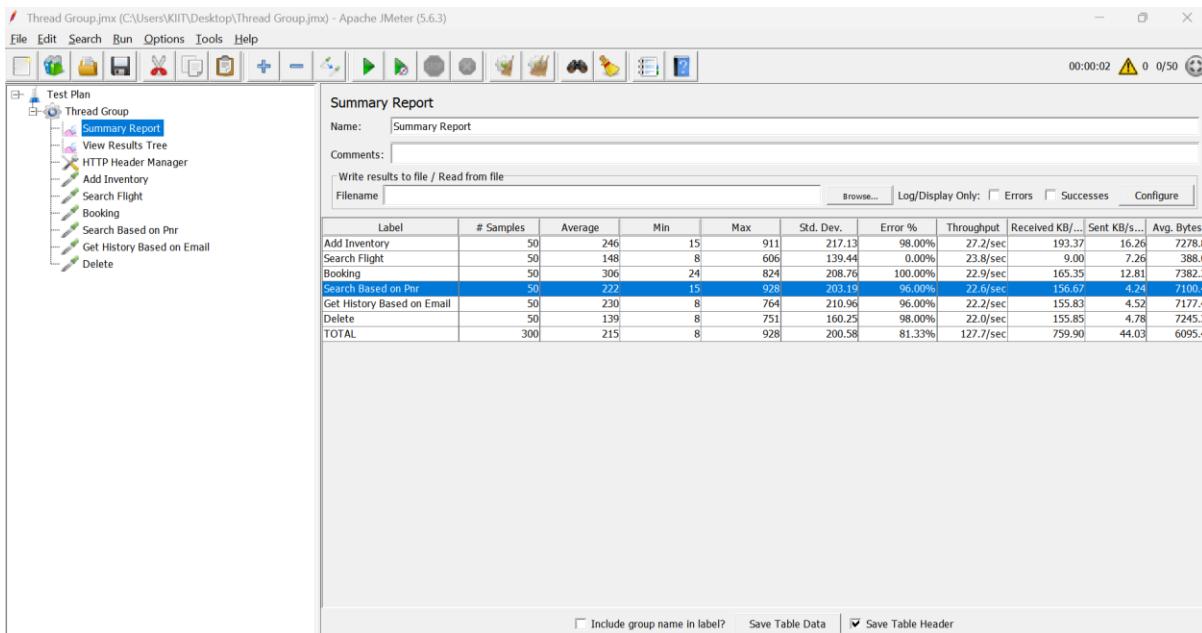
<input type="checkbox"/>	Name	Tag	Image ID	Created	Size	Actions
<input type="checkbox"/>	confluentinc/cp-zookeeper	7.4.0	90631f224b43	3 years ago	1.32 GB	
<input type="checkbox"/>	confluentinc/cp-kafka	7.4.0	187dac6627e7	3 years ago	1.32 GB	

## Jmeter reports:

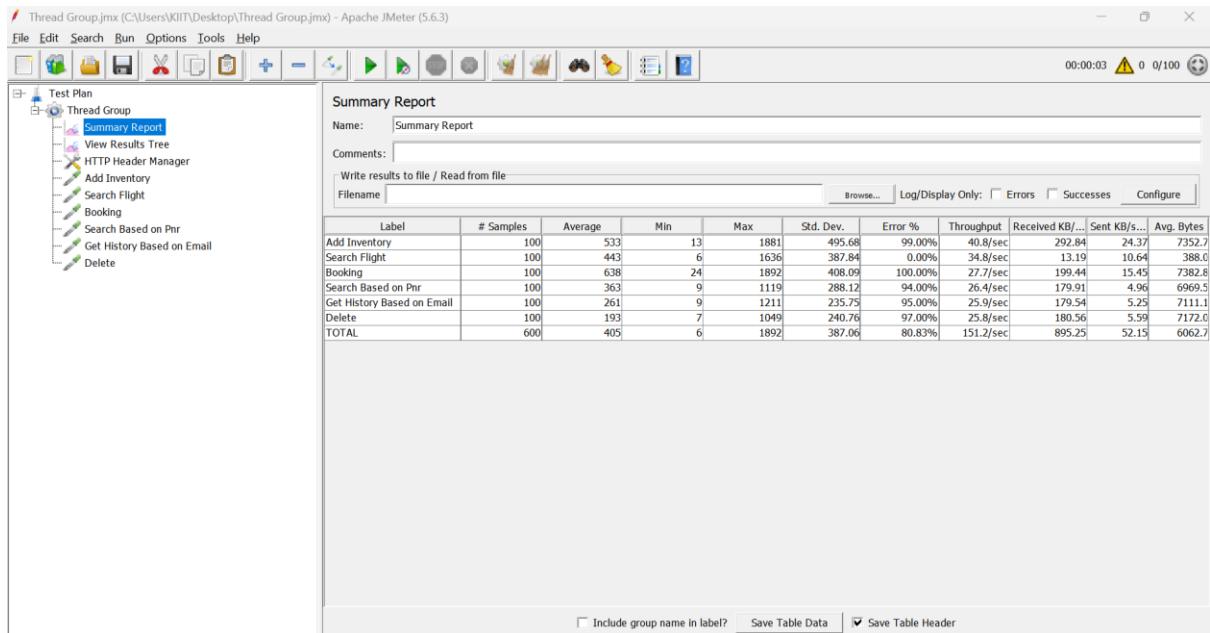
For 20 requests:



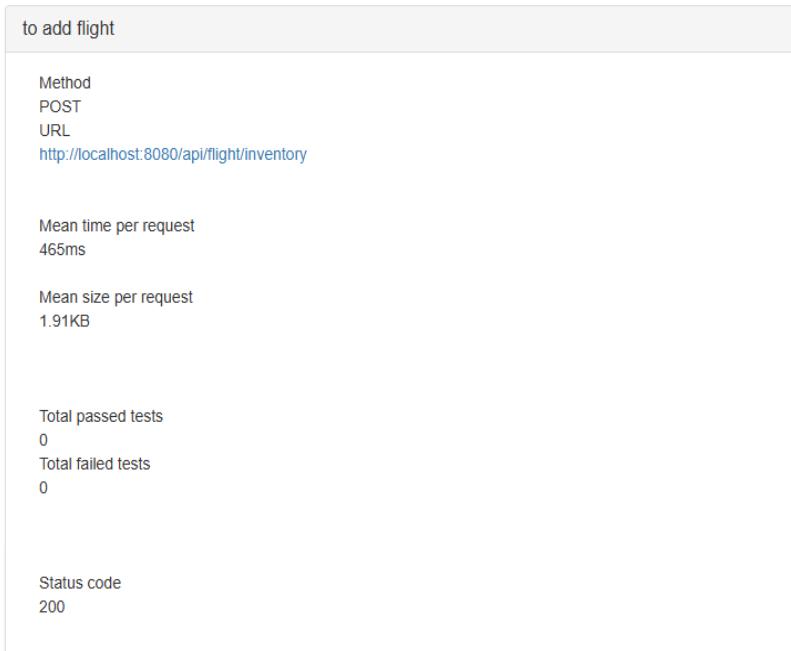
For 50 requests:



For 100 requests:



Newman report:



#### to book ticket from bookinservice taking help of flight service

Method  
POST  
URL  
<http://localhost:8080/api/flights/booking>

Mean time per request  
358ms

Mean size per request  
341B

Total passed tests  
0  
Total failed tests  
0

Status code  
201

#### to search flights by details

Method  
POST  
URL  
<http://localhost:8080/api/booking/search>

Mean time per request  
66ms

Mean size per request  
291B

Total passed tests  
0  
Total failed tests  
0

Status code  
200

#### to get ticket by pnr

Method  
GET  
URL  
<http://localhost:8080/api/booking/getByPnr/PNR20251130G9YA>

Mean time per request  
69ms

Mean size per request  
341B

Total passed tests  
0  
Total failed tests  
0

Status code  
200

to delete by pnr

```

Method
DELETE
URL
http://localhost:8080/api/booking/delete/PNR20251130G9YA

Mean time per request
47ms

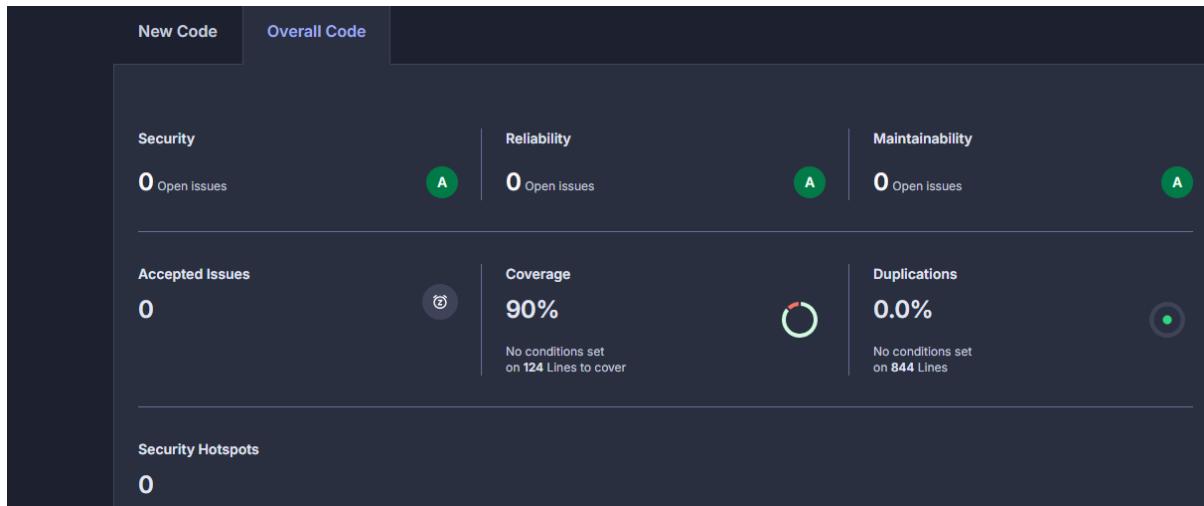
Mean size per request
105B

Total passed tests
0
Total failed tests
0

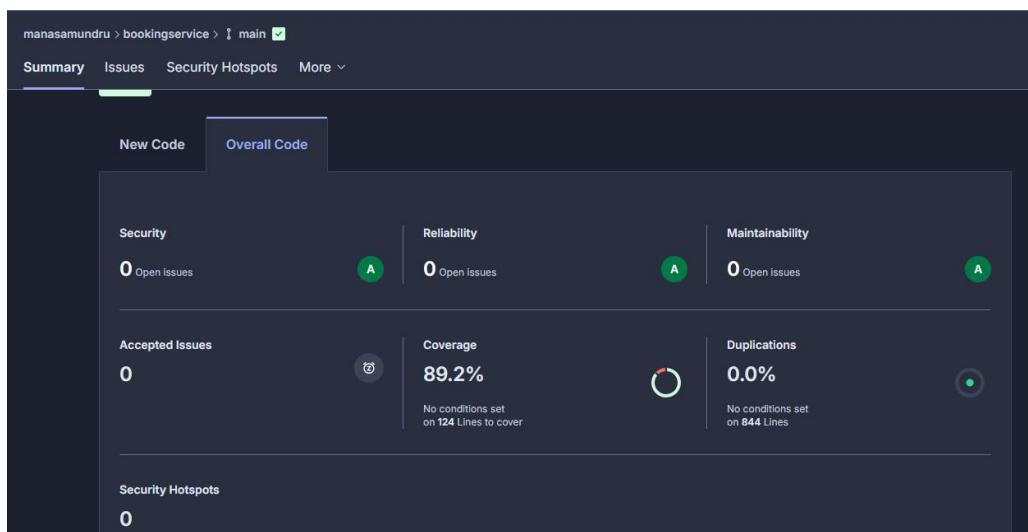
Status code
200

```

### SonarQube for flightservice:



### SonarQube for bookingservice:



## Mysql for flight db and booking db

