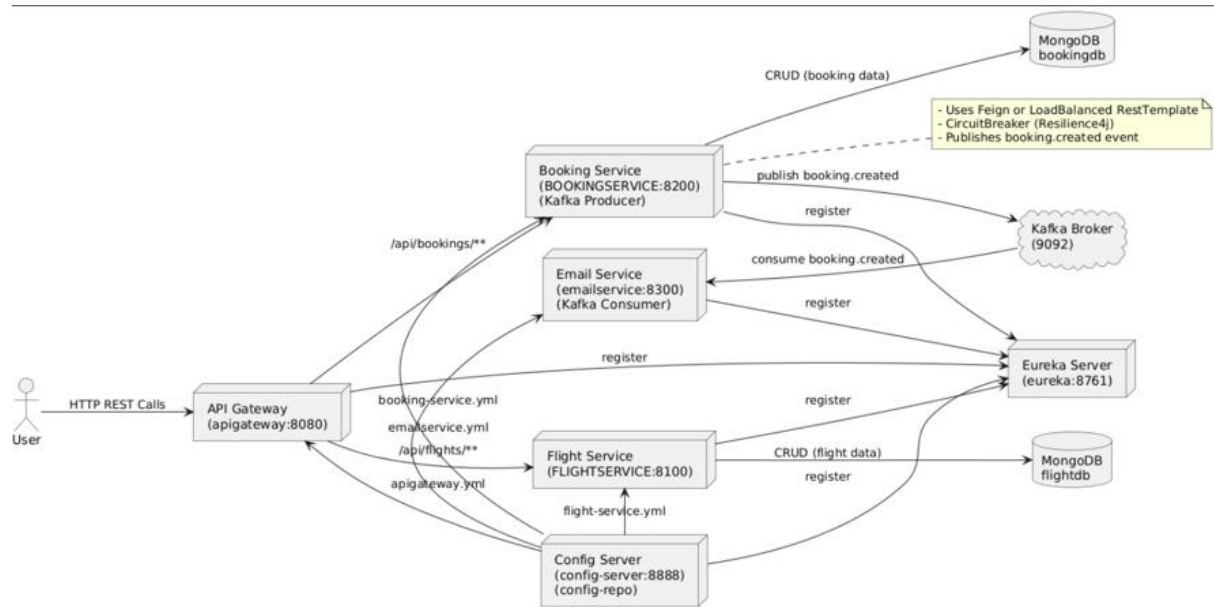


## Architecture Diagram



## Eureka-server-UI

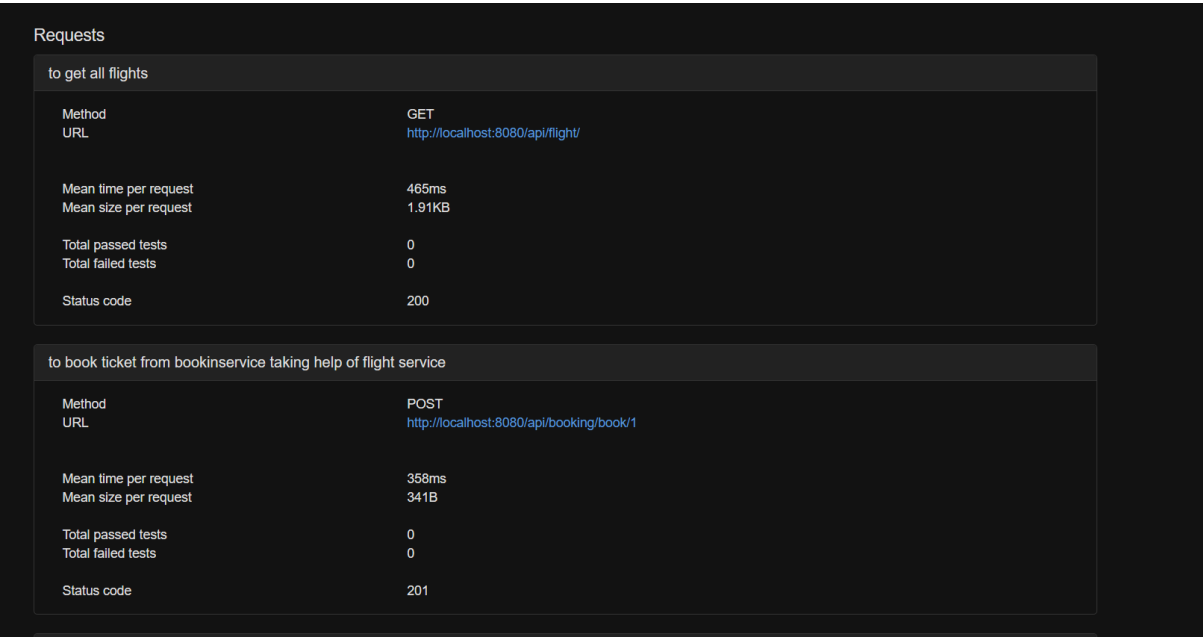
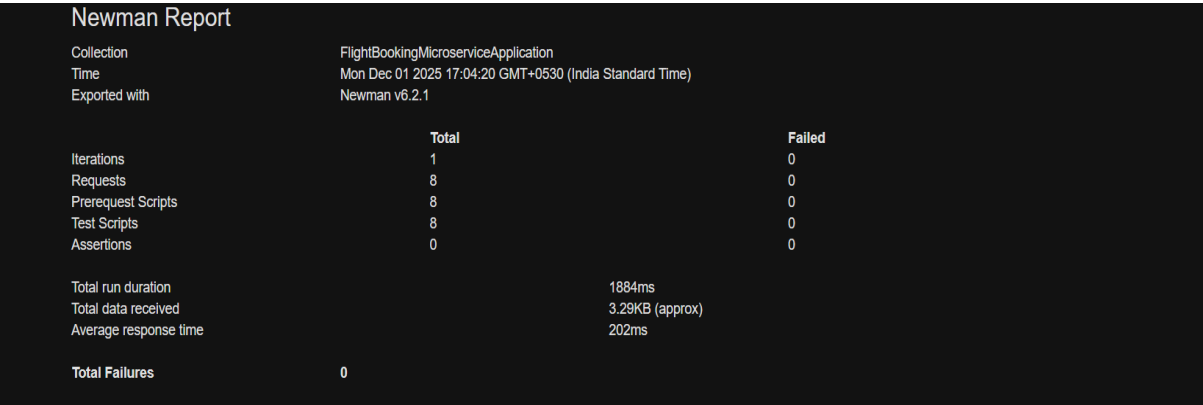
### Instances currently registered with Eureka

Application	AMIs	Availability Zones	Status
BOOKINGSERVICE	n/a (1)	(1)	UP (1) - <a href="#">chandu:apigateway:8200</a>
APIGATEWAY	n/a (1)	(1)	UP (1) - <a href="#">chandu:apigateway:8080</a>
CONFIG-SERVER	n/a (1)	(1)	UP (1) - <a href="#">chandu:config-server:8888</a>
FLIGHTSERVICE	n/a (1)	(1)	UP (1) - <a href="#">chandu:flightservice:8100</a>
EMAILSERVICE	n/a (1)	(1)	UP (1) - <a href="#">chandu:flightservice:8300</a>

# DOCKER-CONTAINERS FOR KAFKA



## New-Man Report



to search flights by details	
Method	POST
URL	<a href="http://localhost:8080/api/booking/getFlights">http://localhost:8080/api/booking/getFlights</a>
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	<a href="http://localhost:8080/api/booking/getByPnr/PNR20251130G9YA">http://localhost:8080/api/booking/getByPnr/PNR20251130G9YA</a>
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	<a href="http://localhost:8080/api/booking/delete/PNR20251130G9YA">http://localhost:8080/api/booking/delete/PNR20251130G9YA</a>
Mean time per request	47ms
Mean size per request	105B
Total passed tests	0
Total failed tests	0
Status code	200

## JACOCO REPORTS

### flightservice

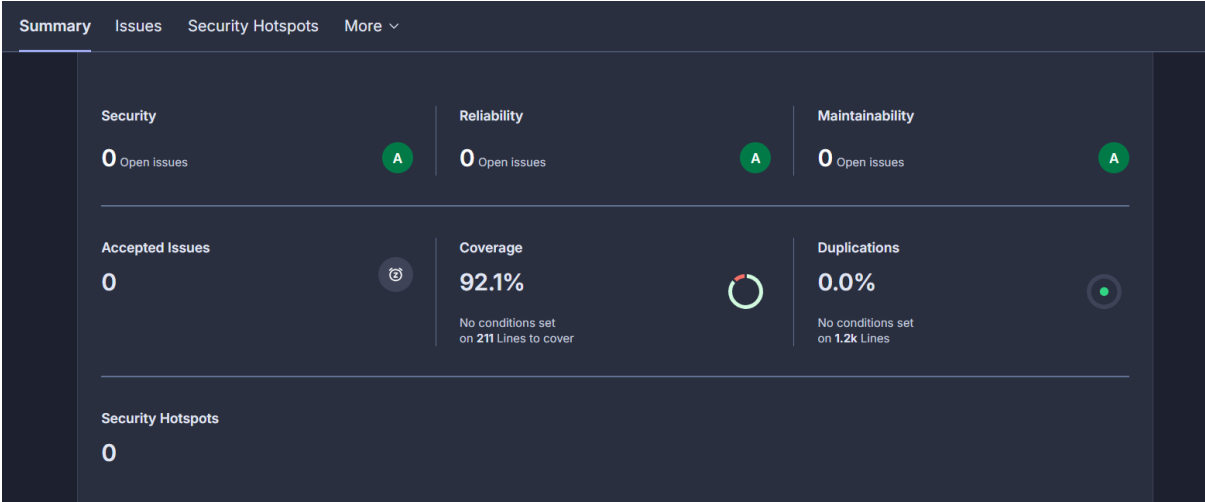
Element	Missed Instructions	Cov.	Missed Branches	Cov.	Missed Cxty	Missed Lines	Missed Methods	Missed Classes
<a href="#">com.flightservice.entity</a>	<div><div></div></div>	57%	n/a		25 48	12 20	25 48	0 4
<a href="#">com.flightservice.dto</a>	<div><div></div></div>	68%	n/a		15 45	4 19	15 45	0 4
<a href="#">com.flightservice</a>	<div><div></div></div>	47%	n/a		1 2	2 3	1 2	0 1
<a href="#">com.flightservice.services</a>	<div><div></div></div>	100%	<div><div></div></div>	100%	0 10	0 40	0 9	0 1
<a href="#">com.flightservice.controllers</a>	<div><div></div></div>	100%	<div><div></div></div>	100%	0 9	0 14	0 6	0 1
Total	197 of 756	91%	0 of 8	100%	41 114	18 96	41 110	0 11

bookingservice

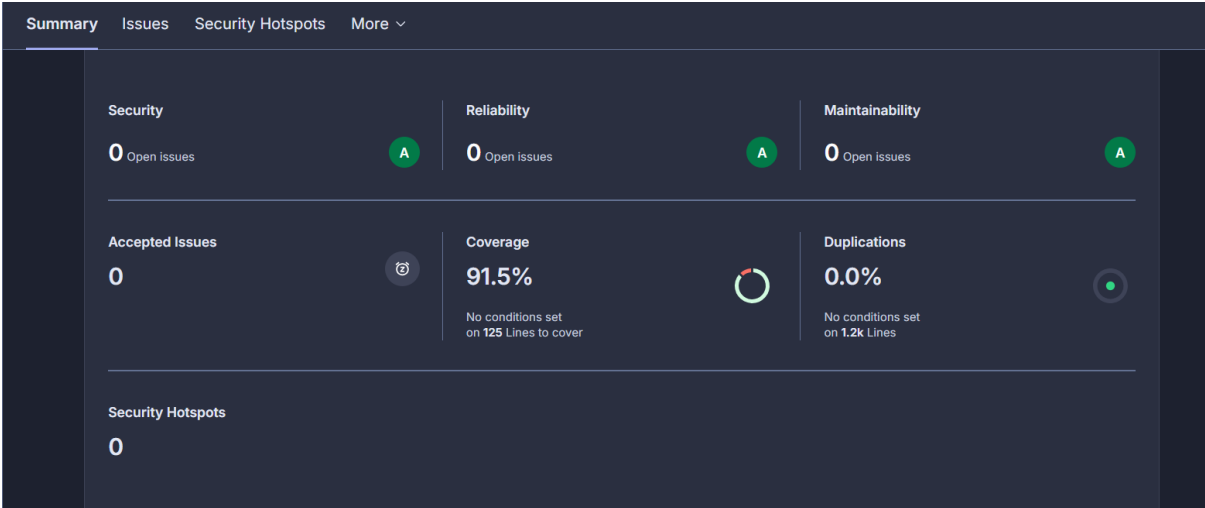
Element	Missed Instructions	Cov.	Missed Branches	Cov.	Missed Cxty	Missed Lines	Missed Methods	Missed Classes
com.bookingservice	<div><div></div></div>	22%		n/a	2 4	5 7	2 4	0 2
com.bookingservice.kafka	<div><div></div></div>	0%		n/a	1 1	2 2	1 1	1 1
com.bookingservice.services	<div><div></div></div>	100%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

SONARQUBE

flightservice



Bookingservice



## J-METER TESTING SCREENSHOTS

**Summary Report**

Name: Summary Report

Comments:

Write results to file / Read from file

Filename:   Log/Display Only: ☐ Errors ☐ Successes

Label	# Samples	Average	Min	Max	Std. Dev.	Error %	Throughput	Received KB/s	Sent KB/s	Avg. Bytes
Add Inventory	20	327	83	731	156.95	75.00%	13.8/sec	106.89	9.46	6612.2
Search Flight	20	147	22	646	151.71	0.00%	11.4/sec	5.28	3.49	474.0
Booking	20	391	129	755	211.60	0.00%	10.7/sec	4.15	5.96	397.0
Search Based ...	20	129	20	404	107.03	0.00%	11.4/sec	9.17	2.15	820.4
Get History Ba...	20	346	134	803	175.52	0.00%	9.8/sec	107.54	1.95	11475.0
Delete	20	319	85	599	141.96	100.00%	10.2/sec	68.34	2.20	6885.3
<b>TOTAL</b>	<b>120</b>	<b>276</b>	<b>22</b>	<b>803</b>	<b>189.58</b>	<b>29.17%</b>	<b>45.1/sec</b>	<b>197.84</b>	<b>15.55</b>	<b>4494.2</b>

☐ Include group name in label?  ☒ Save Table Header

**Summary Report**

Name: Summary Report

Comments:

Write results to file / Read from file

Filename:   Log/Display Only: ☐ Errors ☐ Successes

Label	# Samples	Average	Min	Max	Std. Dev.	Error %	Throughput	Received KB/s	Sent KB/s	Avg. Bytes
Add Inventory	50	246	15	910	217.13	98.00%	27.2/sec	193.37	18.36	7278.4
Search Flight	50	148	8	606	129.44	0.00%	23.8/sec	9.08	7.36	388.0
Booking	50	306	24	824	258.29	100.00%	22.5/sec	145.35	12.81	7382.3
Search Based on Pw	50	222	15	628	203.19	96.00%	22.6/sec	156.67	4.24	7106.4
Get History Based on Email	50	230	8	764	210.96	96.00%	22.3/sec	155.83	4.52	7177.4
Delete	50	139	8	750	180.25	98.00%	22.6/sec	155.80	4.78	7245.3
<b>TOTAL</b>	<b>300</b>	<b>215</b>	<b>8</b>	<b>628</b>	<b>200.58</b>	<b>81.33%</b>	<b>127.7/sec</b>	<b>759.90</b>	<b>44.03</b>	<b>6095.4</b>

☐ Include group name in label?  ☒ Save Table Header

Thread Group (C:\Users\007\Desktop\Thread Group.jmx) - Apache JMeter (5.5.3)

File Edit Search Run Options Tools Help

00:00:03 0 0/100

Test Plan

- Thread Group
  - Summary Report
  - View Results Tree
  - HTTP Header Manager
  - Add Inventory
  - Search Flight
  - Booking
  - Search Based on Price
  - Get History Based on Email
  - Delete

### Summary Report

Name: Summary Report

Comments:

Write results to file / Read from file

Filename:   Log/Display Only: ☐ Errors ☐ Successes

Label	# Samples	Average	Min	Max	Std. Dev.	Error %	Throughput	Received KB/s	Sent KB/s	Avg. Bytes
Add Inventory	100	533	13	1881	495.68	95.00%	40.8/sec	292.84	24.37	7252.7
Search Flight	100	443	6	1636	387.84	0.00%	34.8/sec	13.18	10.64	386.0
Booking	100	638	24	1802	408.09	100.00%	27.7/sec	195.44	15.45	7382.8
Search Based on Price	100	363	6	1119	288.12	94.00%	26.4/sec	179.01	4.96	6969.5
Get History Based on Email	100	261	6	1211	235.75	95.00%	25.9/sec	179.54	5.25	7111.1
Delete	100	193	7	1049	240.26	97.00%	25.8/sec	180.56	5.59	7172.0
TOTAL	600	405	6	1802	387.06	80.83%	151.2/sec	895.25	52.15	6062.7

☐ Include group name in label?  ☒ Save Table Header