

1. Eureka Server

Instances currently registered with Eureka

Application	AMIs	Availability Zones	Status
API-GATEWAY	n/a (1)	(1)	UP (1) - e8937e6f783f:api-gateway:8765
AUTH-SERVICE	n/a (1)	(1)	UP (1) - a1648b1d7ba0:auth-service:8085
CONFIG-SERVER	n/a (1)	(1)	UP (1) - c7c04c421e2d:CONFIG-SERVER:8888
EMAIL-SERVICE	n/a (1)	(1)	UP (1) - fa385c6f7be3:email-service:9005
FLIGHT-SERVICE	n/a (1)	(1)	UP (1) - 1ce29befd82c:flight-service:9002
PASSENGER-SERVICE	n/a (1)	(1)	UP (1) - 9fa40f4ba532:passenger-service:9001
TICKET-SERVICE	n/a (1)	(1)	UP (1) - 80ace9dfdf4a:ticket-service:9003

2. Docker ps

For health status actuator was added for every service.

D:\Projects\eclipse_projects\ChubbWeeklyAssignmentsAndWorks\Week8\Week8Assignment>docker ps						
CONTAINER ID	IMAGE	NAMES	COMMAND	CREATED	STATUS	PORTS
c51829b58ea0	week8assignment-email-service	"java -jar email-ser..."	2 minutes ago	Up About a minute (healthy)	0.0.0.0:900	
5->9005/tcp, [::]:9005->9005/tcp	email-service					
35586c9b6902	week8assignment-ticket-service	"java -jar ticket-se..."	2 minutes ago	Up About a minute (healthy)	0.0.0.0:900	
3->9003/tcp, [::]:9003->9003/tcp	ticket-service					
1f0c4c6d0021	week8assignment-flight-service	"java -jar flight-se..."	2 minutes ago	Up About a minute (healthy)	0.0.0.0:900	
2->9002/tcp, [::]:9002->9002/tcp	flight-service					
5dae064da0b7	week8assignment-passenger-service	"java -jar passenger..."	2 minutes ago	Up About a minute (healthy)	0.0.0.0:900	
1->9001/tcp, [::]:9001->9001/tcp	passenger-service					
335291f9265f	week8assignment-auth-service	"java -jar app.jar"	2 minutes ago	Up 2 minutes (healthy)	0.0.0.0:808	
5->8085/tcp, [::]:8085->8085/tcp	auth-service					
f5c7d801b8a0	confluentinc/cp-kafka:7.5.0	"/etc/confluent/dock..."	2 minutes ago	Up 2 minutes (healthy)	0.0.0.0:909	
2->9092/tcp, [::]:9092->9092/tcp	kafka					
3eb96c7dc926	week8assignment-config-server	"java -jar config-se..."	2 minutes ago	Up 2 minutes (healthy)	0.0.0.0:888	
8->8888/tcp, [::]:8888->8888/tcp	config-server					
bf58246bd69c	week8assignment-api-gateway	"java -jar api-gatew..."	2 minutes ago	Up 2 minutes (healthy)	0.0.0.0:876	
5->8765/tcp, [::]:8765->8765/tcp	api-gateway					
2419b6615417	postgres:16	"docker-entrypoint.s..."	2 minutes ago	Up 2 minutes (healthy)	0.0.0.0:543	
5->5432/tcp, [::]:5435->5432/tcp	postgres-ticket					
f2440bcd8b8a	postgres:16	"docker-entrypoint.s..."	2 minutes ago	Up 2 minutes (healthy)	0.0.0.0:543	
4->5432/tcp, [::]:5434->5432/tcp	postgres-flight					
0e5b226148f0	postgres:16	"docker-entrypoint.s..."	2 minutes ago	Up 2 minutes (healthy)	0.0.0.0:543	
3->5432/tcp, [::]:5433->5432/tcp	postgres-db					
9b27befc919c	mysql:8	"docker-entrypoint.s..."	2 minutes ago	Up 2 minutes (healthy)	0.0.0.0:330	
6->3306/tcp, [::]:3306->3306/tcp	mysql-db					
a36367128fd8	week8assignment-eureka-server	"java -jar service-r..."	2 minutes ago	Up 2 minutes (healthy)	0.0.0.0:876	
1->8761/tcp, [::]:8761->8761/tcp	eureka-server					
a1ceac61c564	confluentinc/cp-zookeeper:7.5.0	"/etc/confluent/dock..."	2 minutes ago	Up 2 minutes (healthy)	0.0.0.0:218	
1->2181/tcp, [::]:2181->2181/tcp	zookeeper					

3. All Log files per service and combined also attached in the git hub repo.

4. Requests showing usage of Spring security:

Base URL

<http://localhost:8765>

Public Endpoints (No Authentication Required)

Auth Service

POST /auth-service/api/auth/signout

POST /auth-service/api/auth/signup

POST /auth-service/api/auth/signin

Flight Service

GET /flight-service/flight/ → Search flights by origin & destination (PUBLIC)

Protected Endpoints (Authentication Required)

Role: ADMIN Only

POST /flight-service/flight/register

DELETE /flight-service/flight/delete/{id}

Role: USER or ADMIN

Flight Service

GET /flight-service/flight/getFlightById/{id}

Passenger Service

POST /passenger-service/passenger/register

GET /passenger-service/passenger/getByPassengerId/{id}

GET /passenger-service/passenger/getPassengerIdByEmail/{email}

DELETE /passenger-service/passenger/delete/{id}

Endpoint	Method	Access
/auth-service/api/auth/signup	POST	Public
/auth-service/api/auth/signin	POST	Public
/auth-service/api/auth/signout	POST	Public
/flight-service/flight/	GET	Public
/flight-service/flight/register	POST	Admin
/flight-service/flight/getFlightById/{id}	GET	User, Admin
/flight-service/flight/delete/{id}	DELETE	Admin
/passenger-service/passenger/register	POST	User, Admin
/passenger-service/passenger/getByPassengerId/{id}	GET	User, Admin
/passenger-service/passenger/getPassengerIdByEmail/{email}	GET	User, Admin
/passenger-service/passenger/delete/{id}	DELETE	User, Admin

Admin role: (all endpoints allowed)

Sign up


The screenshot shows a REST client interface with the following details:

- URL:** `{{baseUrl}}/auth-service/api/auth/signup`
- Method:** POST
- Body (raw):**

```
2 // "username": "asritha",
3 // "email": "asritha@example.com",
4 // "password": "password"
5 // }
6 {
7   "username": "adminUser3",
8   "email": "admin3@gmail.com",
9   "password": "password",
10  "roles": ["admin"]
11 }
```
- Response:** 200 OK, 1.27 s, 448 B. The response body is:

```
1 {
2   "message": "User registered successfully!"
3 }
```

Sign in

 auth-service / **sign in**

Save

Share

POST

{{baseUrl}} /auth-service/api/auth/signin

Send

Docs

Params

Authorization

Headers (10)

Body

Scripts

Settings

Cookies

☐ none

☐ form-data

☐ x-www-form-urlencoded

☒ raw

☐ binary

☐ GraphQL

JSON

Schema

Beautify

```
4 // 3
5 {
6   "username": "adminUser3",
7   "password": "password"
8 }
9
```

Body

Cookies (1)

Headers (14)

Test Results

200 OK • 248 ms • 753 B • Save Response

JSON

Preview

Visualize

```
1 {
2   "id": 1,
3   "username": "adminUser3",
4   "email": "admin3@gmail.com",
5   "roles": [
6     "ROLE_ADMIN"
7   ]
8 }
```

Cookies

Cookies



Manage Cookies Sync Cookies

Type a domain name

Add domain

localhost 1 cookie

asrithaCookie

×

+ Add Cookie

asrithaCookie=eyJhbGciOiJIUzI1NiJ9.eyJzdWIiOiJhZG1pb1VzZXIzIiwicm9sZXMiOi1siUk9MRV9BRE1JTjJdLCJpYXQiOi0jE3NjUxNzYwNDYsImV4cCI6MTc2NTE3NjM0Nn0.8k9JlwCMpRQpbYyZr7h-WbRgz-zXbbL07sLBv50Jc9k; Path=/; HttpOnly; Expires=Mon, 08 Dec 2025 06:45:47 GMT;

Cancel

Save

Registering flights

The screenshot shows a REST client interface with a POST request to `{{baseUrl}}/flight-service/flight/register`. The request body is a JSON object with the following fields: `airline` (INDIGO), `origin` (Hyderabad), `destination` (Bangalore), `price` (4000), `departureTime` (2025-12-11T10:30:00), and `arrivalTime` (2025-12-11T12:00:00). The response status is 201 Created, with a response time of 98 ms and a body size of 322 B. The response body is empty.

```
POST {{baseUrl}}/flight-service/flight/register
```

Docs Params Authorization Headers (9) Body Scripts Settings

none form-data x-www-form-urlencoded raw binary GraphQL JSON

```
1 {
2   "airline": "INDIGO",
3   "origin": "Hyderabad",
4   "destination": "Bangalore",
5   "price": 4000,
6   "departureTime": "2025-12-11T10:30:00",
7   "arrivalTime": "2025-12-11T12:00:00"
8 }
9 // {
10 //   "airline": "EMIRATES",
11 //   "origin": "Goa",
12 //   "destination": "Chennai"
```

Body Cookies (1) Headers (10) Test Results 201 Created • 98 ms • 322 B • Save

{ } JSON Preview Visualize

1 3

If we remove cookie manually

flight-service / registering flights

POST {{baseUrl}} /flight-service/flight/register

Docs Params Authorization Headers (8) Body Scripts Settings

none form-data x-www-form-urlencoded raw binary GraphQL JSON Schema Beautify

```
1 {
2   "airline": "INDIGO",
3   "origin": "Hyderabad",
4   "destination": "Bangalore",
5   "price": 4000,
6   "departureTime": "2025-12-11T10:30:00",
7   "arrivalTime": "2025-12-11T12:00:00"
8 }
```

Body Cookies Headers (9) Test Results 401 Unauthorized • 73 ms • 287 B • Save Response

Raw Preview Debug with AI

1

User role(cant add flights to inventory)

Sign up

auth-service / sing up

POST {{baseUrl}} /auth-service/api/auth/signup

Docs Params Authorization Headers (9) Body Scripts Settings Cookies

none form-data x-www-form-urlencoded raw binary GraphQL JSON Schema Beautify

```
1 {
2   "username": "asritha",
3   "email": "asritha@example.com",
4   "password": "password",
5   "roles":["user"]
6 }
```

Body Cookies (1) Headers (13) Test Results 200 OK • 170 ms • 448 B • Save Response

{ JSON Preview Visualize

```
1 {
2   "message": "User registered successfully!"
3 }
```

HTTP auth-service / sign in Save Share

POST `{{baseUrl}}/auth-service/api/auth/signin` Send

Docs Params Authorization Headers (10) **Body** Scripts Settings Cool

☐ none ☐ form-data ☐ x-www-form-urlencoded ☒ raw ☐ binary ☐ GraphQL **JSON** Schema Beau

```
1 {
2   "username": "asritha",
3   "password": "password"
4 }
5 // {
6 //   "username": "adminlee2"
```

Body Cookies (1) Headers (14) Test Results 200 OK • 111 ms • 747 B • Save Response

{} JSON Preview Visualize

```
1 {
2   "id": 2,
3   "username": "asritha",
4   "email": "asritha@example.com",
5   "roles": [
6     "ROLE_USER"
7   ]
8 }
```

Registering flights is forbidden for user role

flight-service / registering flights

POST {{baseUrl}}/flight-service/flight/register

Docs Params Authorization Headers (9) Body Scripts Settings Cookies

none form-data x-www-form-urlencoded raw binary GraphQL JSON Schema Beautify

```
1 {
2   "airline": "INDIGO",
3   "origin": "Hyderabad",
4   "destination": "Bangalore",
5   "price": 4000,
6   "departureTime": "2025-12-11T10:30:00",
7   "arrivalTime": "2025-12-11T12:00:00"
8 }
```

Body Cookies (1) Headers (9) Test Results 403 Forbidden 106 ms 285 B Save Response

Raw Preview Debug with AI

1 Access Denied

Ticket booking: allowed by admin/user anyone

ticket service / booking ticket

POST {{baseUrl}}/ticket-service/ticket/book

Docs Params Authorization Headers (9) Body Scripts Settings Cookies

none form-data x-www-form-urlencoded raw binary GraphQL JSON Schema Beautify

```
1 {
2   "flightId": 52,
3   "passengerId": 1,
4   "seatNo": "6A"
5 }
```

Body Cookies (1) Headers (10) Test Results 200 OK 1.24 s 323 B Save Response

Raw Preview Visualize

1 ccaa5925

Booking ticket message received by kafka

```
email-service | 2025-12-07T17:19:47.100Z INFO 1 --- [email-service] [ntainer#0-0-C-1] o.s.k.l.KafkaMessageListenerContainer : em
ail-group: partitions assigned: [ticket-confirmation-0]
email-service | 2025-12-07T17:27:27.990Z INFO 1 --- [email-service] [ntainer#0-0-C-1] c.example.demo.listener.EmailListener : 
Email-service received: Ticket booked for passengerId=1, flightId=52, pnr=ccaa5925
```

HTTP

auth-service / sign out

Save

Share

POST

{{baseUrl}}/auth-service/api/auth/signout

Send

Docs

Params

Authorization

Headers (9)

Body

Scripts

Settings

Cookies

Query Params

Key	Value	Description	Bulk Edit
Key	Value	Description	

Body

Cookies

Headers (14)

Test Results

200 OK

38 ms

538 B

Save Response

JSON

Preview

Visualize

1 {

2 | "message": "You've been signed out!"

3 }

Cookie cleared automatically after sign out.

Cookies



Manage Cookies

Sync Cookies

Add domain

localhost 0 cookies

+ Add Cookie

Docker compose yml file:

```
version: '3.8'
```

```
networks:
```

```
  app-net:
```

```
    driver: bridge
```

```
services:
```

```
  eureka-server:
```

```
    build: ./service-registry
```

```
    container_name: eureka-server
```

```
    ports:
```

```
- "8761:8761"
healthcheck:
  test: ["CMD", "curl", "-f", "http://localhost:8761/actuator/health"]
  interval: 10s
  timeout: 5s
  retries: 10
networks:
  - app-net

api-gateway:
  build: ./api-gateway
  container_name: api-gateway
  ports:
    - "8765:8765"
  depends_on:
    eureka-server:
      condition: service_healthy
  healthcheck:
    test: ["CMD-SHELL", "echo 'HEALTH'"]
    interval: 10s
    timeout: 5s
    retries: 10
    start_period: 60s
  networks:
    - app-net

config-server:
  build: ./ConfigServer
  container_name: config-server
  ports:
    - "8888:8888"
  depends_on:
    eureka-server:
      condition: service_healthy
  healthcheck:
    test: ["CMD", "curl", "-f", "http://localhost:8888/actuator/health"]
    interval: 10s
    timeout: 5s
    retries: 10
  networks:
```

- app-net

mysql-db:

image: mysql:8

container_name: mysql-db

environment:

MYSQL_ROOT_PASSWORD: yourpassword

ports:

- "3306:3306"

volumes:

- ./auth-service/mysql-init:/docker-entrypoint-initdb.d

healthcheck:

test: ["CMD", "mysqladmin", "ping", "-h", "localhost",
"-pyourpassword"]

interval: 10s

timeout: 5s

retries: 10

networks:

- app-net

auth-service:

build: ./auth-service

container_name: auth-service

ports:

- "8085:8085"

depends_on:

eureka-server:

condition: service_healthy

mysql-db:

condition: service_healthy

healthcheck:

test: ["CMD-SHELL", "nc -z localhost 8085 || exit 1"]

interval: 10s

timeout: 5s

retries: 10

start_period: 120s

networks:

- app-net

postgres-db:

```
image: postgres:16
container_name: postgres-db
environment:
  POSTGRES_DB: passengerDB
  POSTGRES_USER: postgres
  POSTGRES_PASSWORD: password
ports:
  - "5433:5432"
volumes:
  - postgres-db-data:/var/lib/postgresql/data
healthcheck:
  test: ["CMD", "pg_isready", "-U", "postgres"]
  interval: 10s
  timeout: 5s
  retries: 10
networks:
  - app-net

passenger-service:
build: ./passenger-service
container_name: passenger-service
ports:
  - "9001:9001"
depends_on:
  eureka-server:
    condition: service_healthy
  config-server:
    condition: service_healthy
  postgres-db:
    condition: service_healthy
healthcheck:
  test: ["CMD", "curl", "-f", "http://localhost:9001/actuator/health"]
  interval: 10s
  timeout: 5s
  retries: 10
networks:
  - app-net

postgres-flight:
image: postgres:16
```

```
container_name: postgres-flight
environment:
  POSTGRES_DB: flightDB
  POSTGRES_USER: postgres
  POSTGRES_PASSWORD: password
ports:
  - "5434:5432"
volumes:
  - postgres-flight-data:/var/lib/postgresql/data
healthcheck:
  test: ["CMD", "pg_isready", "-U", "postgres"]
  interval: 10s
  timeout: 5s
  retries: 10
networks:
  - app-net

flight-service:
  build: ./flight-service
  container_name: flight-service
  ports:
    - "9002:9002"
  depends_on:
    eureka-server:
      condition: service_healthy
    config-server:
      condition: service_healthy
    postgres-flight:
      condition: service_healthy
  healthcheck:
    test: ["CMD", "curl", "-f", "http://localhost:9002/actuator/health"]
    interval: 10s
    timeout: 5s
    retries: 10
  networks:
    - app-net

zookeeper:
  image: confluentinc/cp-zookeeper:7.5.0
  container_name: zookeeper
```

```
environment:
  ZOOKEEPER_CLIENT_PORT: 2181
  ZOOKEEPER_TICK_TIME: 2000
ports:
  - "2181:2181"
healthcheck:
  test: ["CMD", "bash", "-c", "echo ruok | nc -w 2 localhost 2181
>/dev/null 2>&1 || exit 1"]
  interval: 10s
  timeout: 5s
  retries: 10
networks:
  - app-net

kafka:
  image: confluentinc/cp-kafka:7.5.0
  container_name: kafka
  depends_on:
    zookeeper:
      condition: service_healthy
  ports:
    - "9092:9092"
  environment:
    KAFKA_BROKER_ID: 1
    KAFKA_ZOOKEEPER_CONNECT: zookeeper:2181
    KAFKA_LISTENERS: INTERNAL://kafka:29092,EXTERNAL://0.0.0.0:9092
    KAFKA_ADVERTISED_LISTENERS:
INTERNAL://kafka:29092,EXTERNAL://localhost:9092
    KAFKA_LISTENER_SECURITY_PROTOCOL_MAP:
INTERNAL:PLAINTEXT,EXTERNAL:PLAINTEXT
    KAFKA_INTER_BROKER_LISTENER_NAME: INTERNAL
    KAFKA_OFFSETS_TOPIC_REPLICATION_FACTOR: 1
  healthcheck:
    test: ["CMD", "bash", "-c", "nc -z kafka 29092 || nc -z kafka 9092
|| exit 1"]
    interval: 10s
    timeout: 5s
    retries: 10
  networks:
    - app-net
```

```
postgres-ticket:
  image: postgres:16
  container_name: postgres-ticket
  environment:
    POSTGRES_DB: ticketDB
    POSTGRES_USER: postgres
    POSTGRES_PASSWORD: password
  ports:
    - "5435:5432"
  volumes:
    - postgres-ticket-data:/var/lib/postgresql/data
  healthcheck:
    test: ["CMD", "pg_isready", "-U", "postgres"]
    interval: 10s
    timeout: 5s
    retries: 10
  networks:
    - app-net

ticket-service:
  build: ./ticket-service
  container_name: ticket-service
  ports:
    - "9003:9003"
  depends_on:
    eureka-server:
      condition: service_healthy
    config-server:
      condition: service_healthy
    zookeeper:
      condition: service_healthy
    kafka:
      condition: service_healthy
    postgres-ticket:
      condition: service_healthy
  healthcheck:
    test: ["CMD", "curl", "-f", "http://localhost:9003/actuator/health"]
    interval: 10s
    timeout: 5s
```

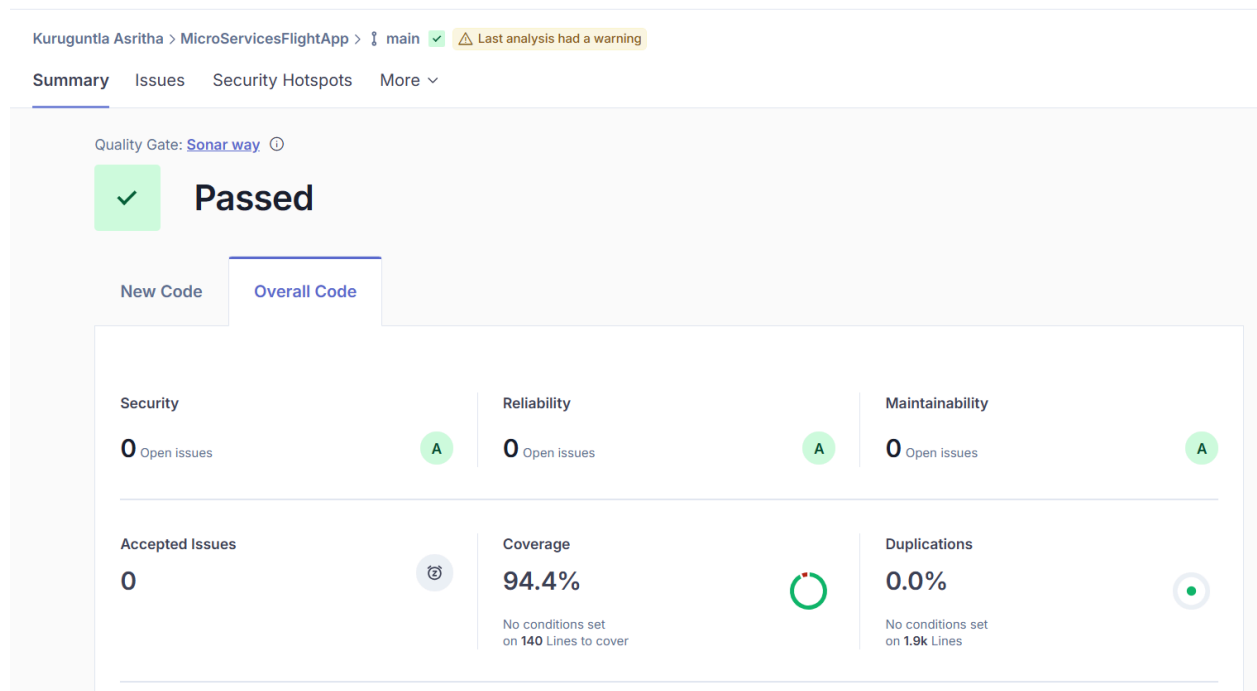
```
    retries: 10
networks:
  - app-net

email-service:
  build: ./email-service
  container_name: email-service
  ports:
    - "9005:9005"
  depends_on:
    eureka-server:
      condition: service_healthy
    config-server:
      condition: service_healthy
    zookeeper:
      condition: service_healthy
    kafka:
      condition: service_healthy
  healthcheck:
    test: ["CMD-SHELL", "nc -z localhost 9005 || exit 1"]
    interval: 10s
    timeout: 5s
    retries: 10
    start_period: 120s
  networks:
    - app-net

volumes:
  postgres-db-data:
  postgres-flight-data:
  postgres-ticket-data:
  mysql-db-data:
```

Reports of Sonar qube, Jmeter

Sonar Qube Analysis:



Kuruguntla Asritha > MicroServicesFlightApp > main ✓ ⚠ Last analysis had a warning

SummaryIssuesSecurity HotspotsMore

Filters

Software quality

Security0

Reliability0

Maintainability0

Severity

Blocker0

High0

Medium0

Low0

Info0

Code attribute

Select issues for bulk actions

Change

Select issues

Navigate to issue

0 issues0 effort

No Issues. Hooray!

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Jacoco Reports

passenger-service

Element	Missed Instructions	Cov.	Missed Branches	Cov.	Missed	Cxty	Missed	Lines	Missed	Methods	Missed	Classes
com.example.service	<div></div>	88%		n/a	0	8	2	20	0	8	0	1
com.example	<div></div>	100%		n/a	0	3	0	10	0	3	0	1
com.example.controller	<div></div>	100%		n/a	0	5	0	5	0	5	0	1
com.example.exception	<div></div>	100%		n/a	0	1	0	2	0	1	0	1
Total	14 of 199	92%	0 of 0	n/a	0	17	2	37	0	17	0	4

flight-service

Element	Missed Instructions	Cov.	Missed Branches	Cov.	Missed	Cxty	Missed	Lines	Missed	Methods	Missed	Classes
com.example.service	<div></div>	100%		n/a	0	7	0	15	0	7	0	1
com.example	<div></div>	100%		n/a	0	3	0	10	0	3	0	1
com.example.controller	<div></div>	100%		n/a	0	5	0	5	0	5	0	1
com.example.exception	<div></div>	100%		n/a	0	1	0	2	0	1	0	1
Total	0 of 172	100%	0 of 0	n/a	0	16	0	32	0	16	0	4

```

1] 0157f1f1-1ka-kane-bagc215ec9e1-container1 : email-group: partitions assign
ned: [ticket-booked-0]
2025-12-01T15:13:43.402+05:30 INFO 17908 --- [email-service] [ntainer#0-0-C
-1] c.example.demo.listener.EmailListener : ? Email-service received: Tic
ket booked for passengerId=53, flightId=1, pnr=0c92d8ab

```

Summary Report

Name:

Comments:

Write results to file / Read from file

Filename

Browse...

Log/Display Only: ☐ Errors ☐ Successes

Label	# Samples	Average	Min	Max	Std. Dev.	Error %	Throughput	Received KB/sec	Sent KB/sec	Avg. Bytes
getting by flight id	20	34	15	112	29.55	0.00%	4.7/sec	1.37	0.71	296.0
TOTAL	20	34	15	112	29.55	0.00%	4.7/sec	1.37	0.71	296.0

✓

getting by flight id

✓

getting by flight id

✓

getting by flight id

✓

getting by flight id

✓

getting by flight id

✓

getting by flight id

✓

getting by flight id

✓

getting by flight id

✓

getting by flight id

✓

getting by flight id

Registering a flight:(post request)

Summary Report

Name:

Comments:

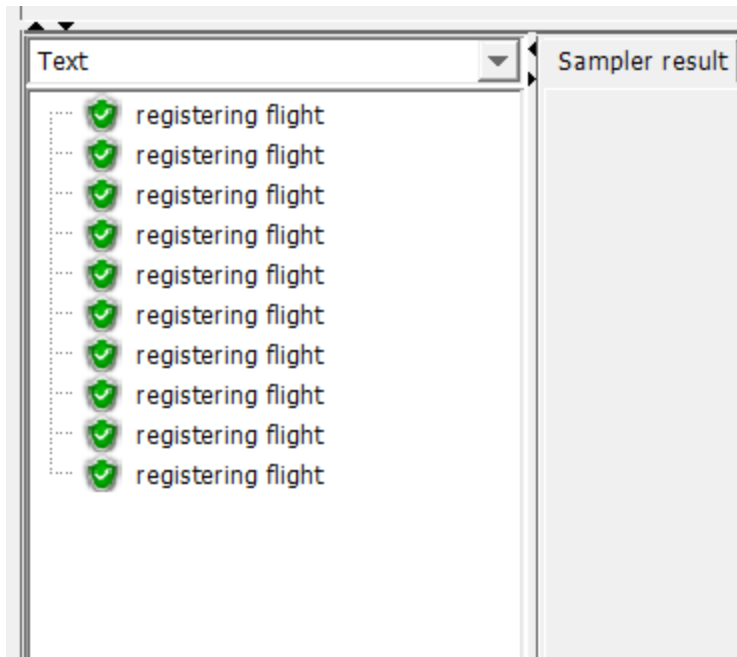
Write results to file / Read from file

Filename

Browse...

Log/Display Only: ☐ Errors ☐ Successes

Label	# Samples	Average	Min	Max	Std. Dev.	Error %	Throughput	Received KB/sec	Sent KB/sec	Avg. Bytes
HTTP Request	10	30	19	54	9.78	0.00%	10.6/sec	1.38	3.96	133.0
TOTAL	10	30	19	54	9.78	0.00%	10.6/sec	1.38	3.96	133.0



50 threads:

Get request

Summary Report

Name:

Summary Report

Comments:

Write results to file / Read from file

Filename

Browse...

Log/Display Only: ☐ Errors ☐ Successes

Configure

Label	# Samples	Average	Min	Max	Std. Dev.	Error %	Throughput	Received KB/sec	Sent KB/sec	Avg. Bytes
getting by flight id	50	23	14	45	6.31	0.00%	50.3/sec	14.56	9.09	296.3
TOTAL	50	23	14	45	6.31	0.00%	50.3/sec	14.56	9.09	296.3

Post request:

Summary Report

Name:Summary Report

Comments:

Write results to file / Read from file

Filename

Browse...

Log/Display Only: ☐ Errors ☐ Successes

Configure

Label	# Samples	Average	Min	Max	Std. Dev.	Error %	Throughput	Received KB/sec	Sent KB/sec	Avg. Bytes
registering flight	50	26	14	49	8.15	0.00%	51.3/sec	6.68	19.18	133.5
TOTAL	50	26	14	49	8.15	0.00%	51.3/sec	6.68	19.18	133.5

Passenger Service:

10 threads

Registering a passenger

Summary Report

Name: Summary Report

Comments:

Write results to file / Read from file

Filename

Browse...

Log/Display Only:

Errors

Successes

Configure

Label	# Samples	Average	Min	Max	Std. Dev.	Error %	Throughput	Received KB/sec	Sent KB/sec	Avg. Bytes
registering passen...	10	129	34	391	117.17	90.00%	10.7/sec	2.63	3.85	251.8
TOTAL	10	129	34	391	117.17	90.00%	10.7/sec	2.63	3.85	251.8

Text

▼

✓

registering passengers

✗

registering passengers

✗

registering passengers

✗

registering passengers

✗

registering passengers

✗

registering passengers

✗

registering passengers

✗

registering passengers

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registering passengers

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registering passengers

Sampler result

50 threads:

Summary Report

Name: Summary Report

Comments:

Write results to file / Read from file

Filename

Browse...

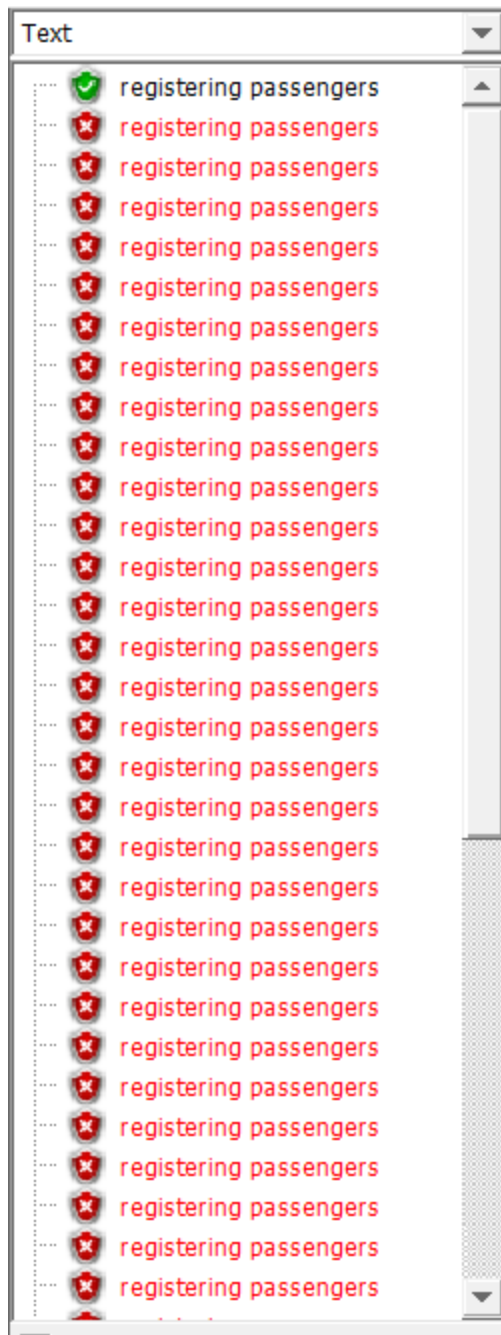
Log/Display Only:

Errors

Successes

Configure

Label	# Samples	Average	Min	Max	Std. Dev.	Error %	Throughput	Received KB/sec	Sent KB/sec	Avg. Bytes
registering passen...	50	59	34	181	31.87	98.00%	48.6/sec	12.46	17.38	262.4
TOTAL	50	59	34	181	31.87	98.00%	48.6/sec	12.46	17.38	262.4



Ticket service:

10 threads

Booking ticket

Summary Report

Name:

Summary Report

Comments:

Write results to file / Read from file

Filename

Browse...

Log/Display Only:

☐ Errors

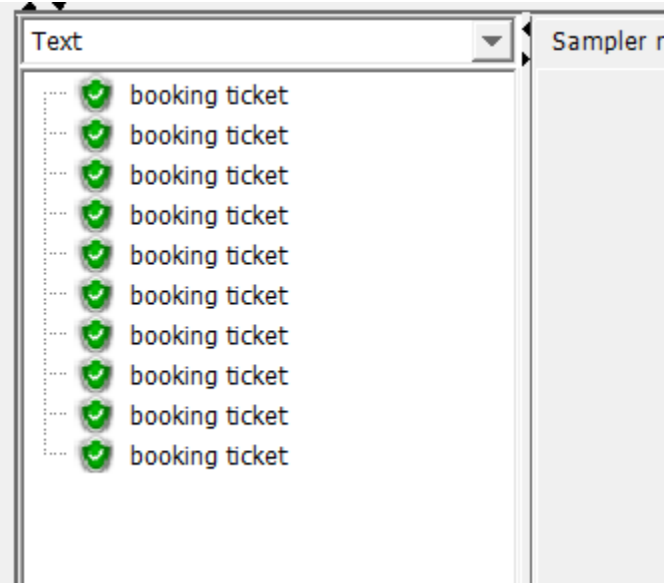
☐ Successes

Configure

Label	# Samples	Average	Min	Max	Std. Dev.	Error %	Throughput	Received KB/sec	Sent KB/sec	Avg. Bytes
booking ticket	10	30	15	109	26.61	0.00%	10.9/sec	1.31	2.76	123.0
TOTAL	10	30	15	109	26.61	0.00%	10.9/sec	1.31	2.76	123.0

Kafka email-service

```
-group-1, groupId=email-group] Node -1 disconnected.
2025-12-01T15:42:07.587+05:30 INFO 24064 --- [email-service] [ntainer#0-0-C-1] c.example.demo.listener.EmailListener : ? Email-service received: Ticket
booked for passengerId=53, flightId=1, pnr=5381d9d2
2025-12-01T15:42:07.651+05:30 INFO 24064 --- [email-service] [ntainer#0-0-C-1] c.example.demo.listener.EmailListener : ? Email-service received: Ticket
booked for passengerId=53, flightId=1, pnr=8fbd768c
2025-12-01T15:42:07.653+05:30 INFO 24064 --- [email-service] [ntainer#0-0-C-1] c.example.demo.listener.EmailListener : ? Email-service received: Ticket
booked for passengerId=53, flightId=1, pnr=9d1dlad3
2025-12-01T15:42:07.666+05:30 INFO 24064 --- [email-service] [ntainer#0-0-C-1] c.example.demo.listener.EmailListener : ? Email-service received: Ticket
booked for passengerId=53, flightId=1, pnr=e5d6b3fc
2025-12-01T15:42:07.728+05:30 INFO 24064 --- [email-service] [ntainer#0-0-C-1] c.example.demo.listener.EmailListener : ? Email-service received: Ticket
booked for passengerId=53, flightId=1, pnr=380e342b
2025-12-01T15:42:07.831+05:30 INFO 24064 --- [email-service] [ntainer#0-0-C-1] c.example.demo.listener.EmailListener : ? Email-service received: Ticket
booked for passengerId=53, flightId=1, pnr=98fcc235
2025-12-01T15:42:07.925+05:30 INFO 24064 --- [email-service] [ntainer#0-0-C-1] c.example.demo.listener.EmailListener : ? Email-service received: Ticket
booked for passengerId=53, flightId=1, pnr=5c10b4b7
2025-12-01T15:42:08.023+05:30 INFO 24064 --- [email-service] [ntainer#0-0-C-1] c.example.demo.listener.EmailListener : ? Email-service received: Ticket
booked for passengerId=53, flightId=1, pnr=49d2f0ba
2025-12-01T15:42:08.124+05:30 INFO 24064 --- [email-service] [ntainer#0-0-C-1] c.example.demo.listener.EmailListener : ? Email-service received: Ticket
booked for passengerId=53, flightId=1, pnr=6f7d8339
2025-12-01T15:42:08.216+05:30 INFO 24064 --- [email-service] [ntainer#0-0-C-1] c.example.demo.listener.EmailListener : ? Email-service received: Ticket
booked for passengerId=53, flightId=1, pnr=ebcf5a39
```



Get request:

Get by pnr

Summary Report

Name:

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/sec	Sent KB/sec	Avg. Bytes
HTTP Request	10	49	41	58	6.10	0.00%	10.6/sec	3.21	1.93	311.0
TOTAL	10	49	41	58	6.10	0.00%	10.6/sec	3.21	1.93	311.0

Text

Sample

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✓ HTTP Request

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✓ HTTP Request

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✓ HTTP Request

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✓ HTTP Request

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✓ HTTP Request

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✓ HTTP Request

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✓ HTTP Request

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✓ HTTP Request

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✓ HTTP Request

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✓ HTTP Request

50 threads:
Post request

Summary Report

Name:

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/sec	Sent KB/sec	Avg. Bytes
booking ticket	50	32	13	119	21.73	0.00%	49.3/sec	5.92	12.41	123.0
TOTAL	50	32	13	119	21.73	0.00%	49.3/sec	5.92	12.41	123.0

Get request:

Summary Report

Name:

Summary Report

Comments:

Write results to file / Read from file

Filename

Browse...

Log/Display Only: ☐ Errors ☐ Successes

Configure

Label	# Samples	Average	Min	Max	Std. Dev.	Error %	Throughput	Received KB/sec	Sent KB/sec	Avg. Bytes
HTTP Request	50	88	37	241	51.29	0.00%	47.8/sec	14.53	8.74	311.0
TOTAL	50	88	37	241	51.29	0.00%	47.8/sec	14.53	8.74	311.0