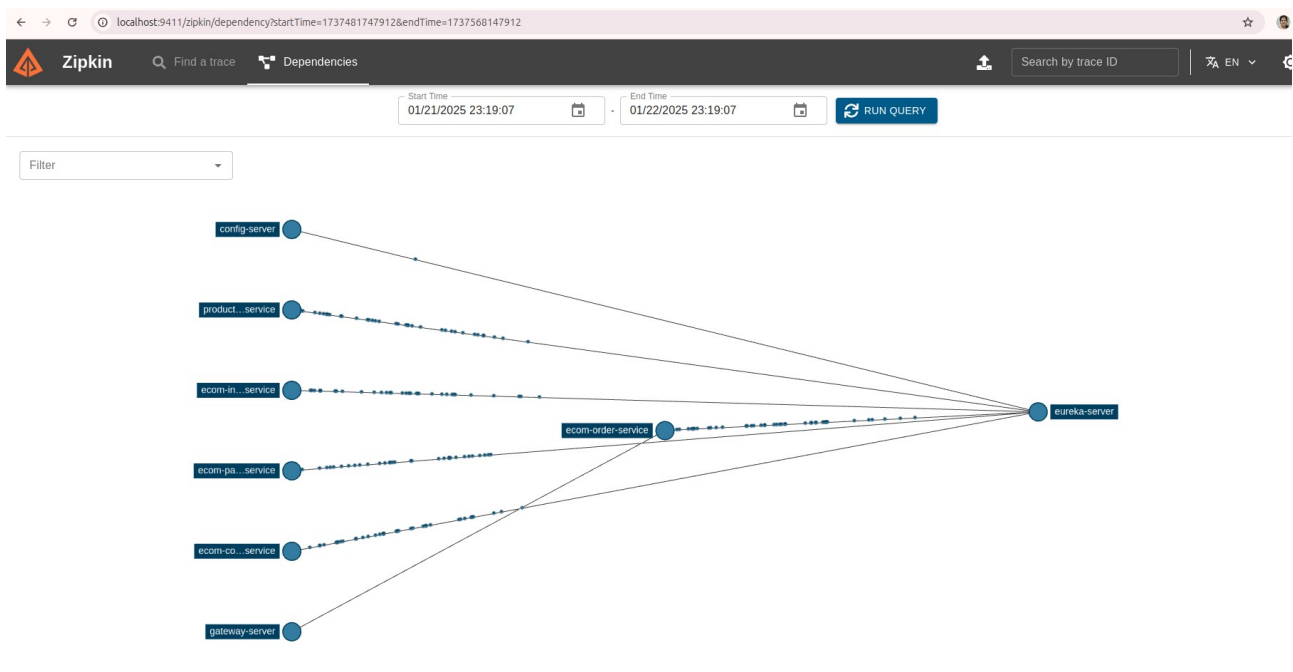
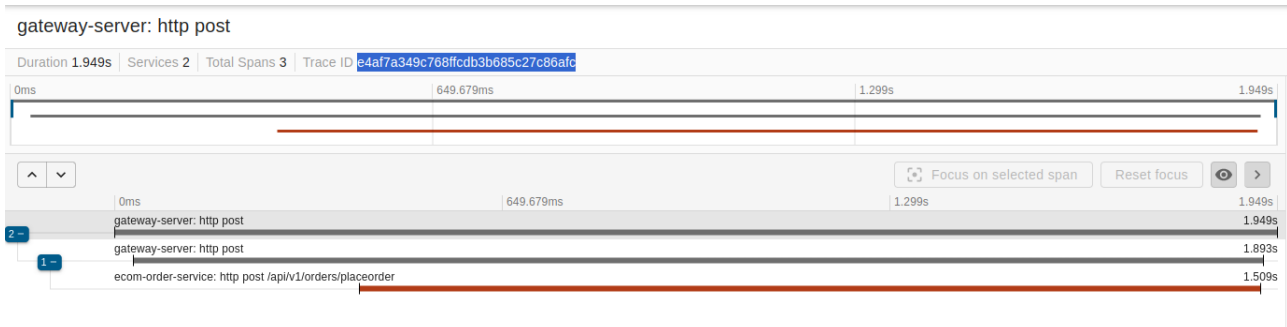


# Distributed Tracing : Zipkin



traceid : e4af7a349c768ffcdb3b685c27c86afc



# Log Aggregator : Loki and Grafana

Same trace id in multiple microservices which helps in easy log monitoring

```
loki
Split Add Last 1 hour Run query
Time Unique labels Wrap lines Pretty JSON Deduplication None Exact Numbers Signature Display results Newest first Oldest first
Common labels: host=user-X510UAR traceID=e4af7a349c768ffcd3b685c27c86afd Line limit: 3000 (33 displayed) Total bytes processed: 208 kB Download
transactional.id = null
value.serializer = class org.apache.kafka.common.serialization.StringSerializer
> 2025-01-22 23:08:10.717 2025-01-22T23:08:10.717+05:30 INFO 83026 --- [ecom-payment-service] [org.springframework.kafka.KafkaListenerEndpointContainer#0-0-C-1] [e4af7a349c768ffcd3b685c27c86afd] c.ecom.paymentservice.PaymentController : Publish payment status event
> 2025-01-22 23:08:10.704 2025-01-22T23:08:10.704+05:30 INFO 83026 --- [ecom-payment-service] [org.springframework.kafka.KafkaListenerEndpointContainer#0-0-C-1] [e4af7a349c768ffcd3b685c27c86afd] c.ecom.paymentservice.PaymentController : Save Process payment in payment DB
> 2025-01-22 23:08:09.578 2025-01-22T23:08:09.578+05:30 INFO 83026 --- [ecom-payment-service] [org.springframework.kafka.KafkaListenerEndpointContainer#0-0-C-1] [e4af7a349c768ffcd3b685c27c86afd] c.ecom.paymentservice.PaymentController : Process payment in payment micro
> 2025-01-22 23:08:08.906 2025-01-22T23:08:08.906+05:30 INFO 84631 --- [ecom-inventory-service] [org.springframework.kafka.KafkaListenerEndpointContainer#0-0-C-1] [e4af7a349c768ffcd3b685c27c86afd] o.a.kafka.common.utils.AppInfoParser : Kafka startTimeMs: 1737567488904
> 2025-01-22 23:08:08.905 2025-01-22T23:08:08.905+05:30 INFO 84631 --- [ecom-inventory-service] [org.springframework.kafka.KafkaListenerEndpointContainer#0-0-C-1] [e4af7a349c768ffcd3b685c27c86afd] o.a.kafka.common.utils.AppInfoParser : Kafka commitId: e2494e6ffb89f828
> 2025-01-22 23:08:08.904 2025-01-22T23:08:08.904+05:30 INFO 84631 --- [ecom-inventory-service] [org.springframework.kafka.KafkaListenerEndpointContainer#0-0-C-1] [e4af7a349c768ffcd3b685c27c86afd] o.a.kafka.common.utils.AppInfoParser : Kafka version: 3.7.1
> 2025-01-22 23:08:08.791 2025-01-22T23:08:08.791+05:30 INFO 84631 --- [ecom-inventory-service] [org.springframework.kafka.KafkaListenerEndpointContainer#0-0-C-1] [e4af7a349c768ffcd3b685c27c86afd] o.a.k.clients.producer.KafkaProducer : [Producer clientId=ecom-inventory-service-producer-1] Instantiated an idempotent producer.
> 2025-01-22 23:08:08.725 2025-01-22T23:08:08.725+05:30 INFO 84631 --- [ecom-inventory-service] [org.springframework.kafka.KafkaListenerEndpointContainer#0-0-C-1] [e4af7a349c768ffcd3b685c27c86afd] o.a.k.c.t.i.KafkaMetricsCollector : Initializing Kafka metrics collector
> 2025-01-22 23:08:08.720 2025-01-22T23:08:08.720+05:30 INFO 84631 --- [ecom-inventory-service] [org.springframework.kafka.KafkaListenerEndpointContainer#0-0-C-1] [e4af7a349c768ffcd3b685c27c86afd] o.a.k.clients.producer.ProducerConfig : ProducerConfig values:
acks = -1
auto.include.jmx.reporter = true
batch.size = 16384
bootstrap.servers = [localhost:9092]
```

```
loki
Split Add Last 1 hour Run query
Time Unique labels Wrap lines Pretty JSON Deduplication None Exact Numbers Signature Display results Newest first Oldest first
Common labels: host=user-X510UAR traceID=e4af7a349c768ffcd3b685c27c86afd Line limit: 3000 (33 displayed) Total bytes processed: 208 kB Download
ssl.truststore.password = null
ssl.truststore.type = JKS
transaction.timeout.ms = 60000
transactional.id = null
value.serializer = class org.apache.kafka.common.serialization.StringSerializer
> 2025-01-22 23:08:08.628 2025-01-22T23:08:08.628+05:30 INFO 84631 --- [ecom-inventory-service] [org.springframework.kafka.KafkaListenerEndpointContainer#0-0-C-1] [e4af7a349c768ffcd3b685c27c86afd] c.e.i.InventoryController : Publish Inventory status event
> 2025-01-22 23:08:08.530 2025-01-22T23:08:08.530+05:30 INFO 84631 --- [ecom-inventory-service] [org.springframework.kafka.KafkaListenerEndpointContainer#0-0-C-1] [e4af7a349c768ffcd3b685c27c86afd] c.e.i.InventoryController : save inventory sagaState redis from Inventory Controller
> 2025-01-22 23:08:08.324 2025-01-22T23:08:08.324+05:30 INFO 84631 --- [ecom-inventory-service] [org.springframework.kafka.KafkaListenerEndpointContainer#0-0-C-1] [e4af7a349c768ffcd3b685c27c86afd] c.e.i.InventoryController : initiating inventory update in Inventory Controller
> 2025-01-22 23:08:07.944 2025-01-22T23:08:07.944+05:30 INFO 84631 --- [ecom-inventory-service] [org.springframework.kafka.KafkaListenerEndpointContainer#0-0-C-1] [e4af7a349c768ffcd3b685c27c86afd] c.e.i.InventoryController : check product availability in Inventory Controller
> 2025-01-22 23:08:07.942 2025-01-22T23:08:07.942+05:30 INFO 84631 --- [ecom-inventory-service] [org.springframework.kafka.KafkaListenerEndpointContainer#0-0-C-1] [e4af7a349c768ffcd3b685c27c86afd] com.ecom.inventoryservice.Consumer : Consumed message with trace ID: e4af7a349c768ffcd3b685c27c86afd
> 2025-01-22 23:08:07.715 2025-01-22T23:08:07.715+05:30 INFO 82317 --- [ecom-order-service] [http-nio-8095-exec-1] [e4af7a349c768ffcd3b685c27c86afd-7ce33f5a9650834a] com.ecom.orderservice.OrderController : Order placed and processing initiated
> 2025-01-22 23:08:07.357 2025-01-22T23:08:07.357+05:30 INFO 82317 --- [ecom-order-service] [http-nio-8095-exec-1] [e4af7a349c768ffcd3b685c27c86afd-7ce33f5a9650834a] o.a.kafka.common.utils.AppInfoParser : Kafka startTimeMs: 1737567487355
> 2025-01-22 23:08:07.356 2025-01-22T23:08:07.356+05:30 INFO 82317 --- [ecom-order-service] [http-nio-8095-exec-1] [e4af7a349c768ffcd3b685c27c86afd-7ce33f5a9650834a] o.a.kafka.common.utils.AppInfoParser : Kafka commitId: e2494e6ffb89f828
> 2025-01-22 23:08:07.355 2025-01-22T23:08:07.355+05:30 INFO 82317 --- [ecom-order-service] [http-nio-8095-exec-1] [e4af7a349c768ffcd3b685c27c86afd-7ce33f5a9650834a] o.a.kafka.common.utils.AppInfoParser : Kafka version: 3.7.1
> 2025-01-22 23:08:07.297 2025-01-22T23:08:07.297+05:30 INFO 82317 --- [ecom-order-service] [http-nio-8095-exec-1] [e4af7a349c768ffcd3b685c27c86afd-7ce33f5a9650834a] o.a.k.clients.producer.KafkaProducer : [Producer clientId=ecom-order-service-producer-1] Instantiated an idempotent producer.
> 2025-01-22 23:08:07.252 2025-01-22T23:08:07.252+05:30 INFO 82317 --- [ecom-order-service] [http-nio-8095-exec-1] [e4af7a349c768ffcd3b685c27c86afd-7ce33f5a9650834a] o.a.k.c.t.i.KafkaMetricsCollector : Initializing Kafka metrics collector
> 2025-01-22 23:08:07.247 2025-01-22T23:08:07.247+05:30 INFO 82317 --- [ecom-order-service] [http-nio-8095-exec-1] [e4af7a349c768ffcd3b685c27c86afd-7ce33f5a9650834a] o.a.k.clients.producer.ProducerConfig : ProducerConfig values:
acks = -1
auto.include.jmx.reporter = true
batch.size = 16384
bootstrap.servers = [localhost:9092]
buffer.memory = 33554432
client.dns.lookup = use_all_dns_ips
```

# Client Side Service Discovery : Eureka Server

← → localhost:8761

### System Status

Environment	test	Current time	2025-01-22T23:07:23 +0530
Data center	default	Uptime	01:28
		Lease expiration enabled	true
		Renews threshold	13
		Renews (last min)	16

### DS Replicas

Instances currently registered with Eureka

Application	AMIs	Availability Zones	Status
CONFIG-SERVER	n/a (1)	(1)	UP (1) - <a href="#">config-server:fec711bc9153a5c7b2f7d6a479456081</a>
ECOM-COMPOSITOR-SERVICE	n/a (1)	(1)	UP (1) - <a href="#">192.168.1.3:ecom-compositor-service:8096</a>
ECOM-INVENTORY-SERVICE	n/a (1)	(1)	UP (1) - <a href="#">192.168.1.3:ecom-inventory-service:8093</a>
ECOM-ORDER-SERVICE	n/a (1)	(1)	UP (1) - <a href="#">192.168.1.3:ecom-order-service:8095</a>
ECOM-PAYMENT-SERVICE	n/a (1)	(1)	UP (1) - <a href="#">192.168.1.3:ecom-payment-service:8094</a>
EUREKA-SERVER	n/a (1)	(1)	UP (1) - <a href="#">192.168.1.3:eureka-server:8761</a>
GATEWAY-SERVER	n/a (1)	(1)	UP (1) - <a href="#">192.168.1.3:gateway-server:8072</a>
PRODUCT-CATALOG-SERVICE	n/a (1)	(1)	UP (1) - <a href="#">192.168.1.3:product-catalog-service:8091</a>


### General Info



Name	Value
total-avail-memory	102mb

# Redis Cache

127.0.0.1:6379 - E

Window View Help

 Databases > 127.0.0.1:6379 db0 ⓘ

  All Key Types Filter by Key Name or Pattern

Total: 1 Last refresh: < 1 min ↻ ⌵ ⌵ ⌵

STRING 🔑 t\*ORDER\_560aOfdd-8bed-4917-bbb6-7229a0beee11 No limit 744 B