



Jmeter rabbitmq Testing Process Improvement For Load Testing:

 As discussed with the team there was an issue with the load testing for the rabbit MQ load so we took the initiative to do the load testing.

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 Objective :

- Load Rabbit **MQ** from docker.
- Create test plan in **jmeter** to do the load testing.

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Solution Approach:

load Rabbit Mq

from  `docker-compose.yaml` .

```
rabbitMq:
  image: rabbitmq:3-management-alpine
  container_name: rabbitMq
  ports:
    - 5672:5672
    - 15672:15672
  volumes:
    - ~/.docker-config/rabbitmq/data:/var/lib/rabbitmq
    - ~/.docker-config/rabbitmq/log:/var/log/rabbitmq
```

Configure Exchange:

/	amq.match	headers	D		
/	amq.rabbitmq.trace	topic	D I		
/	amq.topic	topic	D		
/	x.batc.work	direct	D	0.00/s	0.00/s

▼ Add a new exchange

Name:

*

Type:

direct

▼

Durability:

Durable

▼

Auto delete: ?

No

▼

Internal: ?

No

▼

Arguments:

=

String

▼

Add

Alternate exchange

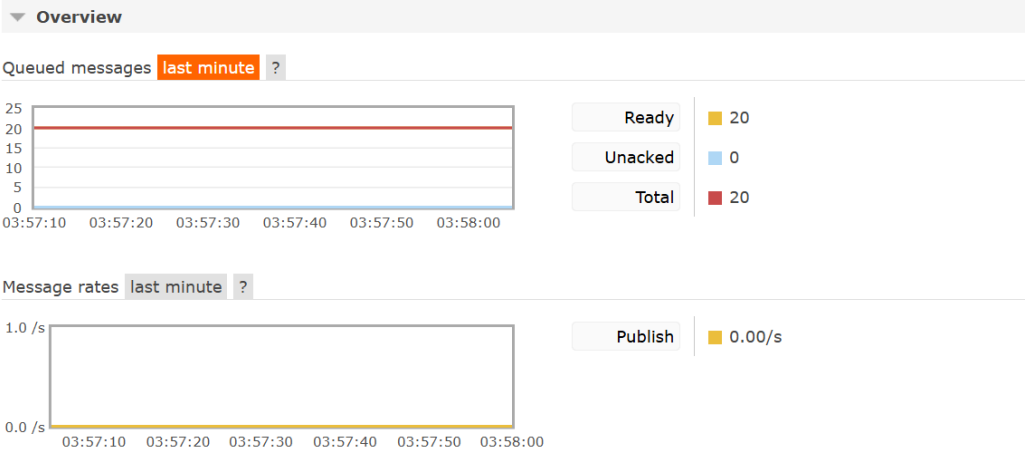
?

exchange

Creating an exchange.

Creating Queue and attaching to the exchange:

Queue q.batc.testing.publisher.work



creating queue

creating queue.

Effective policy definition

message body bytes 620 B

Process memory ? 13 KIB

Consumers (0)

Bindings (2)

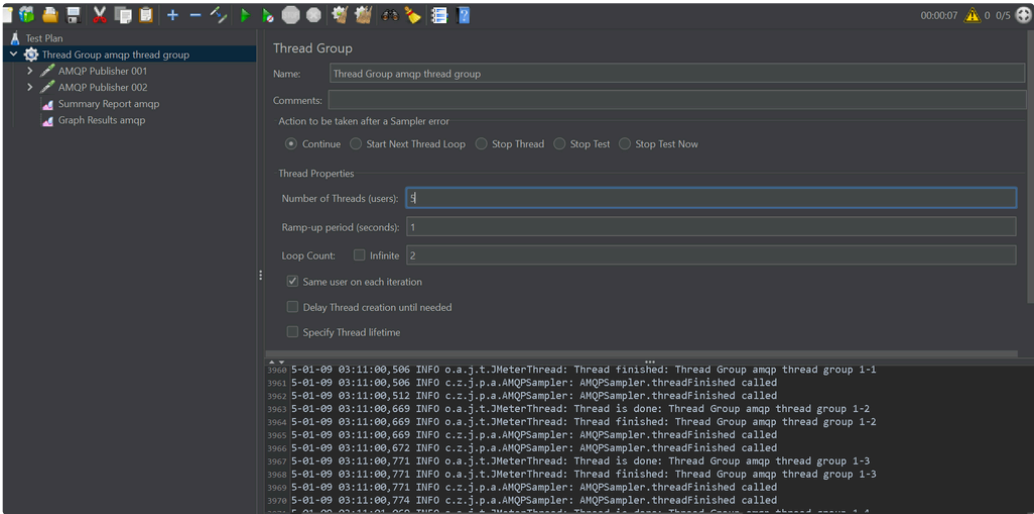
From	Routing key	Arguments	
(Default exchange binding)			
x.batc.work	testing.publisher		Unbind

This queue

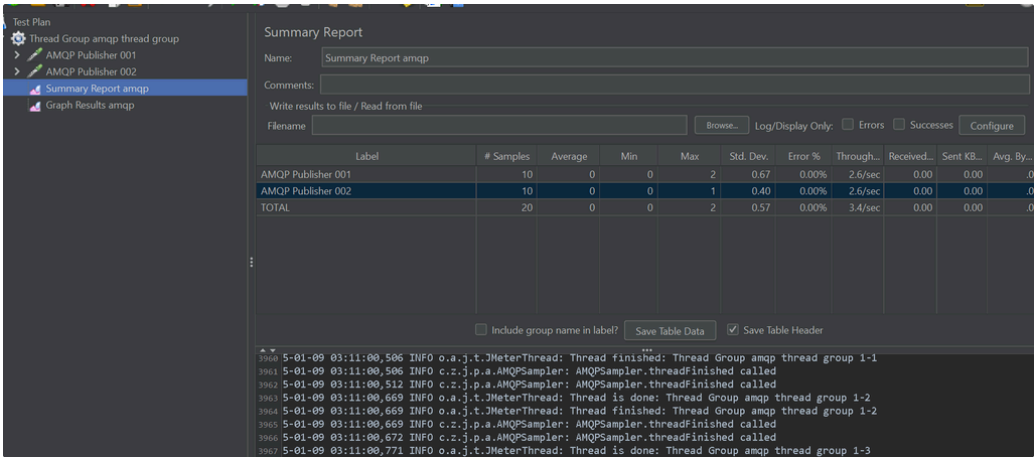
Add binding to this queue

attaching it to the exchange

Creating Jmeter Test Plan:



Test Result:



Attachments:



Test Plan Per...est.jmx
08 Jan 2025, 10:38 PM



apache-jmet... 6.3.rar
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