

Search Bel



Overview

Scenario

Reports

Logs

## ✖ Clear search query and pagination

Low disk space,  
currently **0 KB** left.

#168 Drop-test VMQ 2 ★  
subscr (try 3)  
📅 May 14 (4 months ago)  
⌚ 4 minutes

#167 Drop-test VMQ 2 ★  
subscr (try 3)  
📅 May 14 (4 months ago)  
⌚ a minute

#166 Drop-test VMQ 2 ★  
subscr (try 2)  
📅 May 14 (4 months ago)  
⌚ 4 minutes

#165 Drop-test VMQ 2 ★  
subscr (try 1)  
📅 May 14 (4 months ago)  
⌚ 4 minutes

#164 Drop-test EMQX 2 ★  
subscr (try 3)  
📅 May 14 (4 months ago)  
⌚ 4 minutes

#163 --- ★  
📅 May 14 (4 months ago)  
⌚ a few seconds

#162 Drop-test EMQX 2 ★  
subscr (try 2)  
📅 May 14 (4 months ago)  
⌚ 4 minutes

#161 --- ★  
📅 May 14 (4 months ago)  
⌚ a few seconds

#160 --- ★  
📅 May 14 (4 months ago)  
⌚ a few seconds

**Scenario**

#168 Drop-test VMQ 2 subscr (try 3)

Stop (/stop?id=168)

**Author**

anonymous (anonymous)

Restart (/restart?id=168)

**Cloud**

local, 1 node(s)

**Exclusive label**

mqtt

**Duration**

4 min, 20 sec

**Date**

May 14, 2020 10:49 AM

**Status**

complete

**Errors**

0

**Parent**

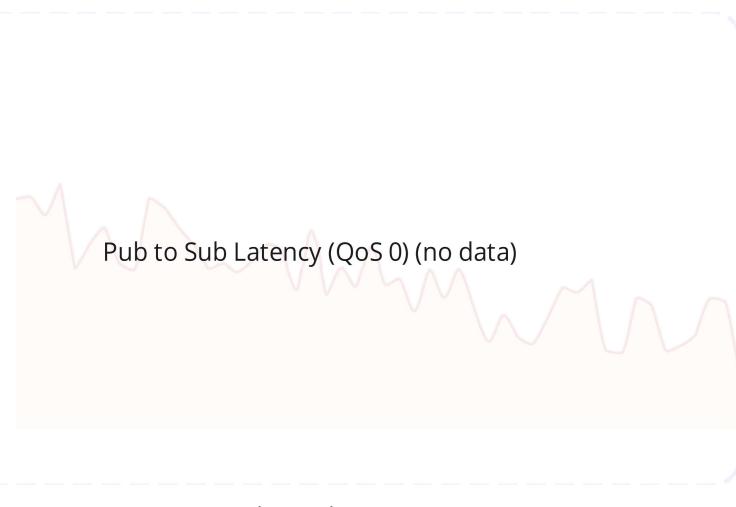
#166

**Tags**

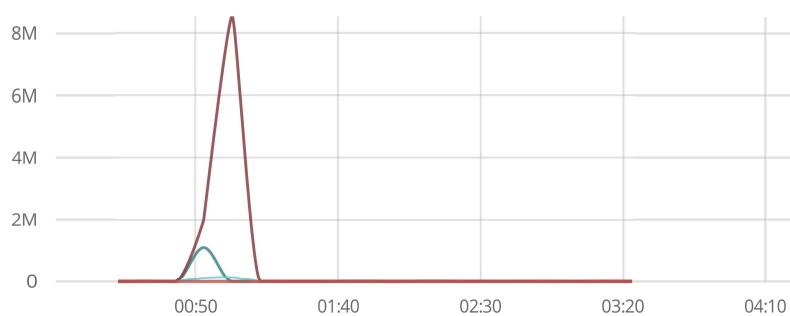
Add new tag

## Graphs

### ☒ MQTT Pub to Sub Latency



Pub to Sub Latency (QoS 1)

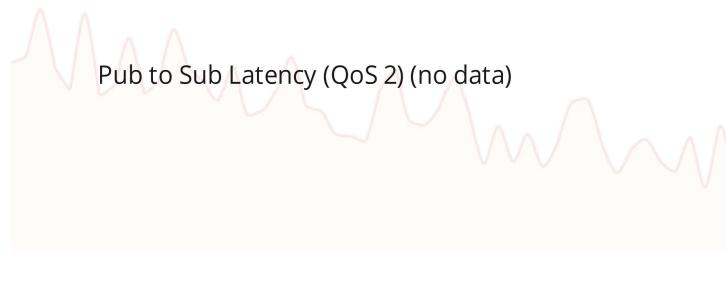


#159 --- ★  
May 14 (4 months ago)  
a few seconds

← Newer

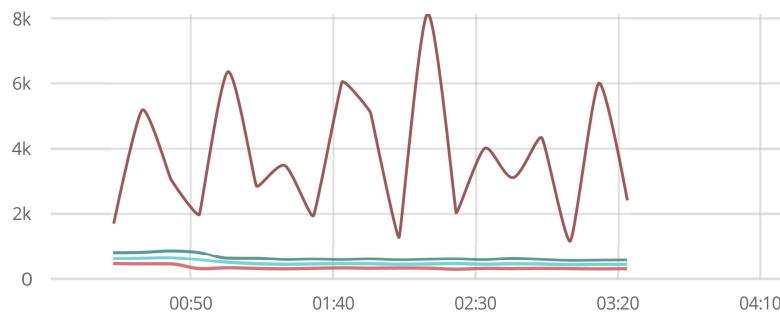
Older →

### Pub to Sub Latency (QoS 2) (no data)

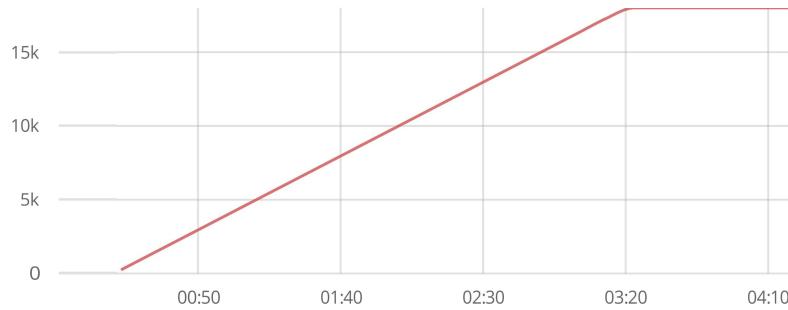


### MQTT Publishers QoS 1

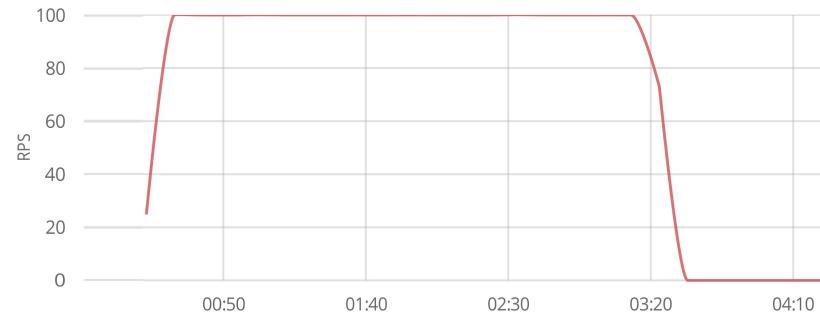
#### QoS 1: Publish to Puback latency



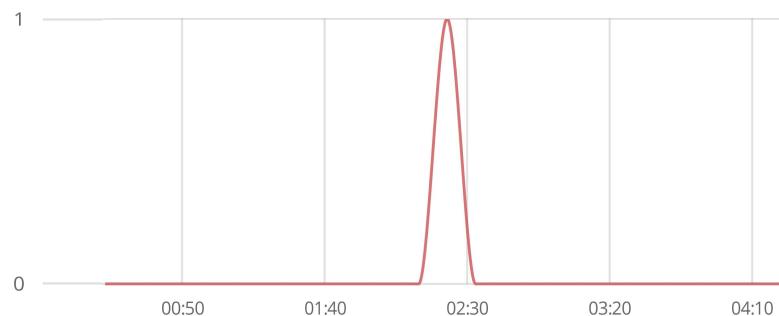
#### QoS 1: Pubacks received total



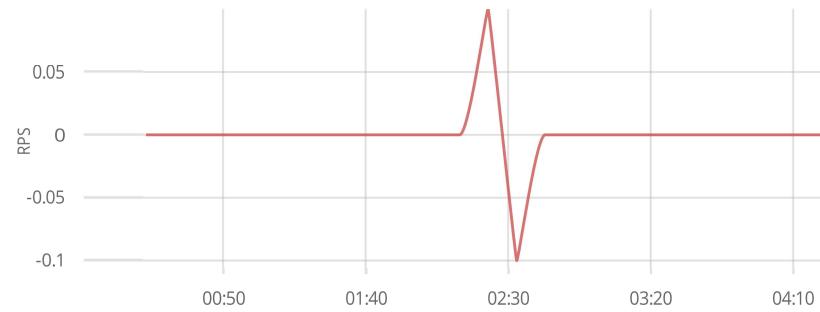
## QoS 1: Pubacks received total

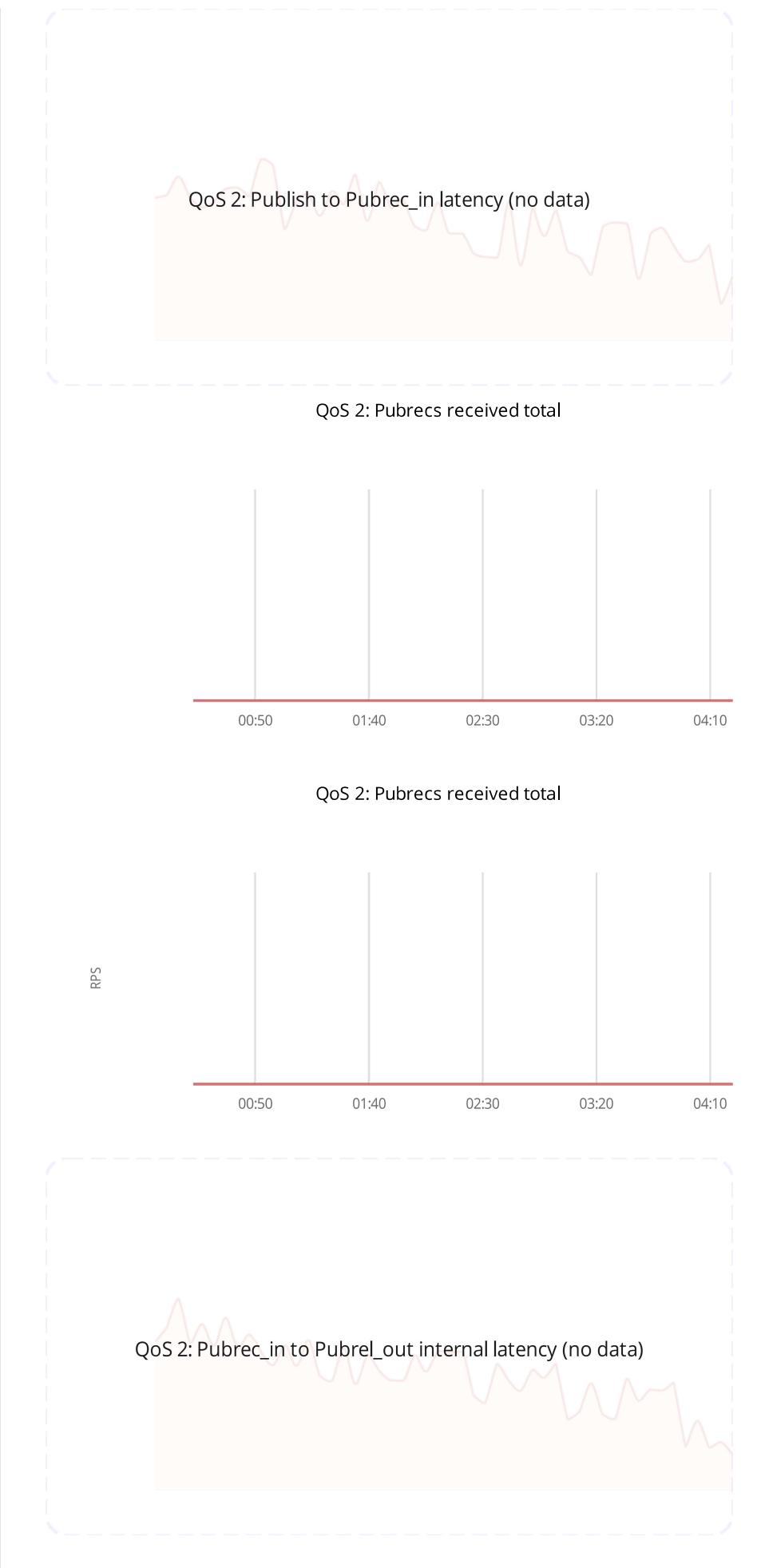


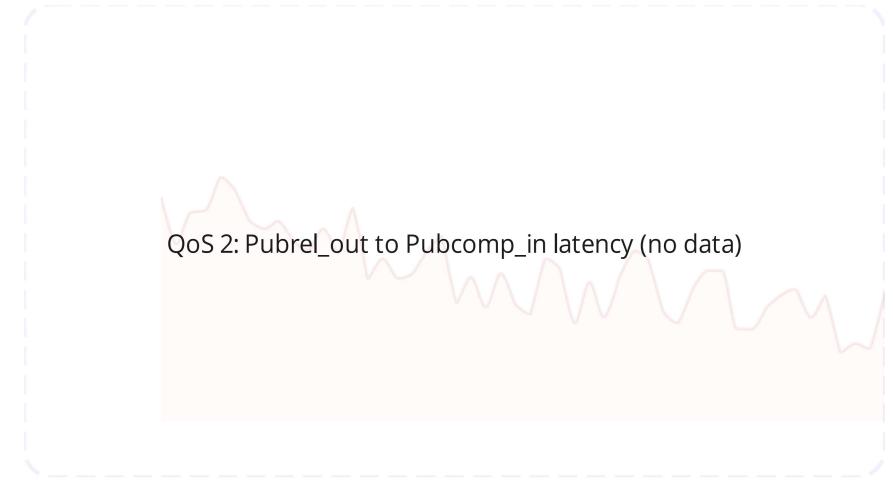
## QoS 1: Outstanding Pubacks (Waiting Acks)



## QoS 1: Outstanding Pubacks (Waiting Acks)

 MQTT Publishers QoS 2





QoS 2: Pubrel\_out to Pubcomp\_in latency (no data)

QoS 2: Outstanding Pubrecs (Waiting Acks)

00:50 01:40 02:30 03:20 04:10

QoS 2: Outstanding Pubrecs (Waiting Acks)

RPS

00:50 01:40 02:30 03:20 04:10

QoS 2: Outstanding Pubcomps (Waiting Acks)

00:50 01:40 02:30 03:20 04:10

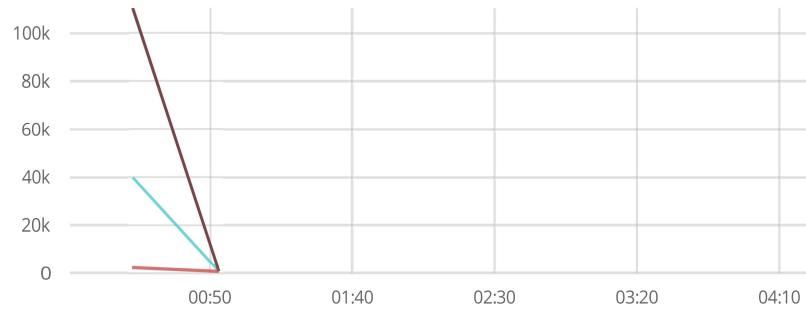
## QoS 2: Outstanding Pubcomps (Waiting Acks)

RPS

00:50 01:40 02:30 03:20 04:10

 MQTT Connections

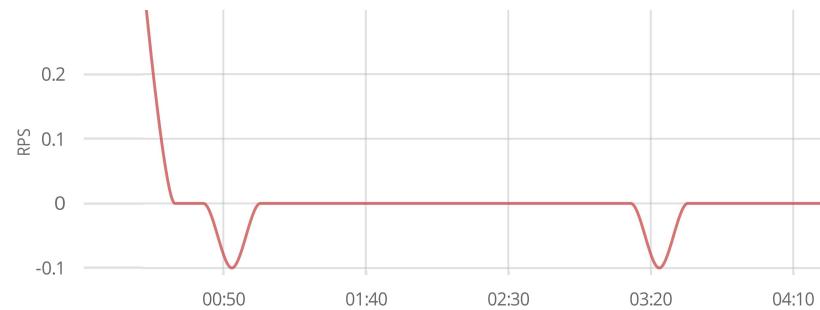
## Connack Latency



## Total Connections



## Total Connections



Connection errors (no data)

Reconnects

00:50 01:40 02:30 03:20 04:10

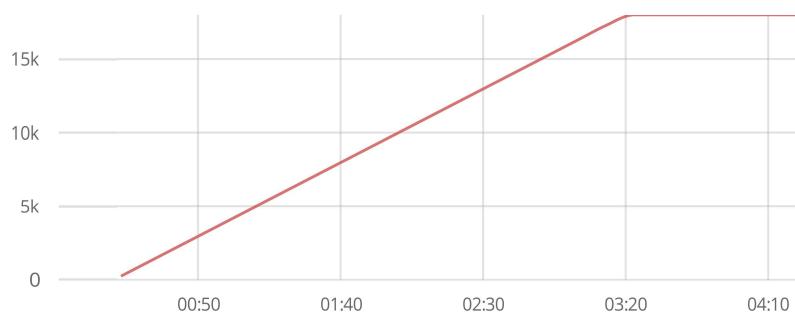
Reconnects

RPS

00:50 01:40 02:30 03:20 04:10

MQTT Messages

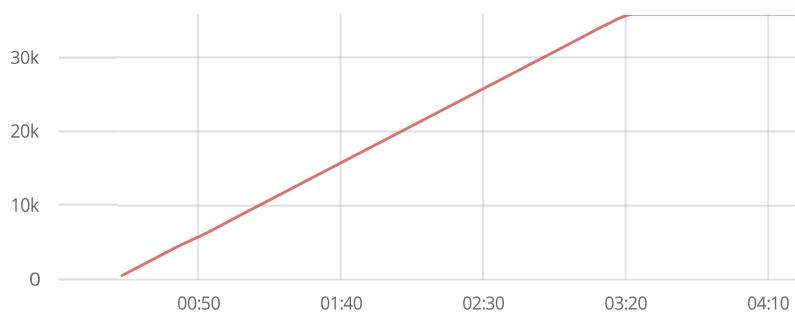
Total published messages



Total published messages



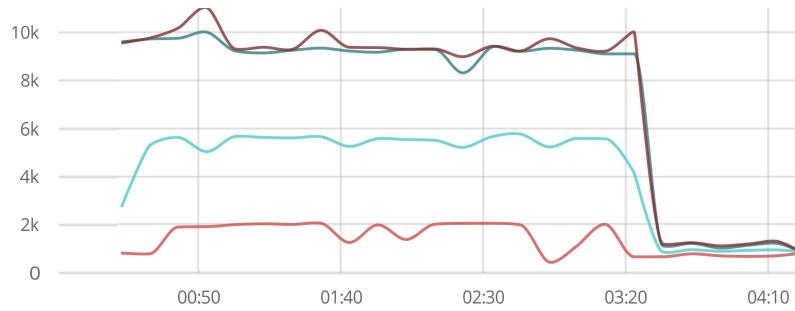
Total consumed messages



## Total consumed messages

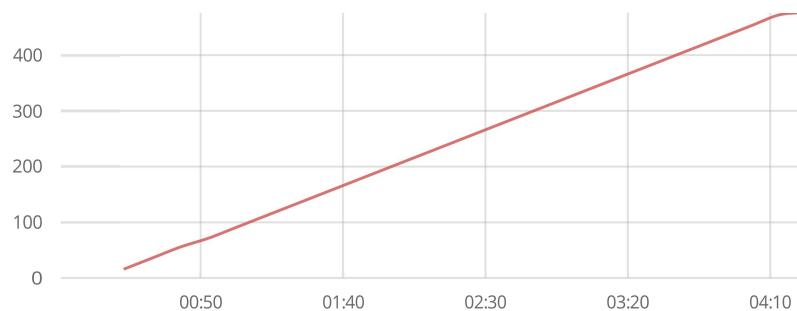
 MQTT Consumers

## Suback Latency



Unsuback Latency (no data)

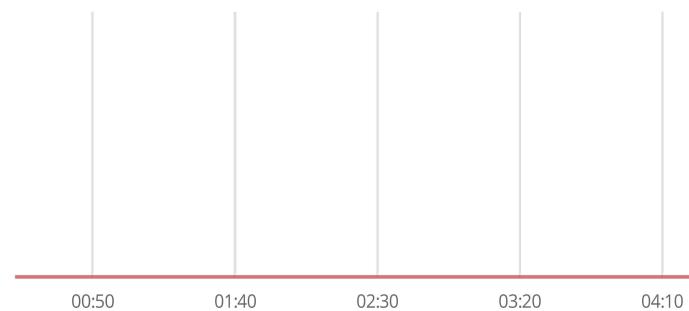
## Consumer Total



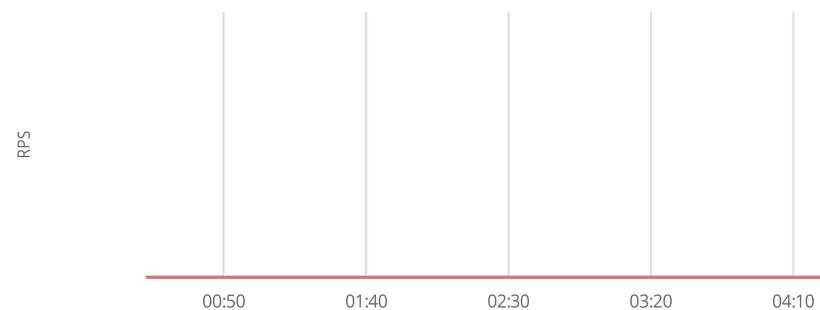
## Consumer Total



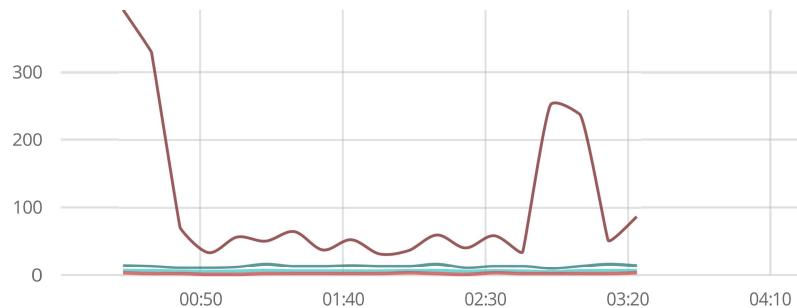
## Consumer Suback Errors



## Consumer Suback Errors



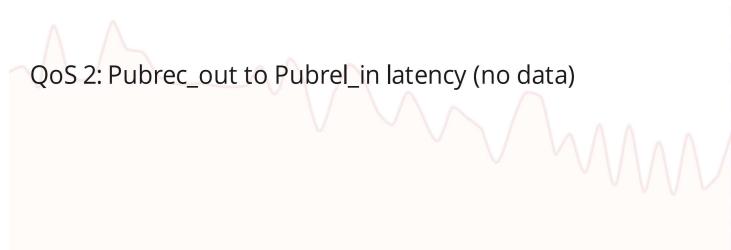
## QoS 1: Publish\_in to Puback\_out internal latency



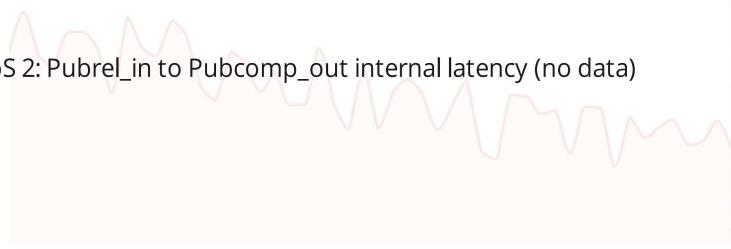
## QoS 2: Publish\_in to Pubrec\_out internal latency (no data)



## QoS 2: Pubrec\_out to Pubrel\_in latency (no data)

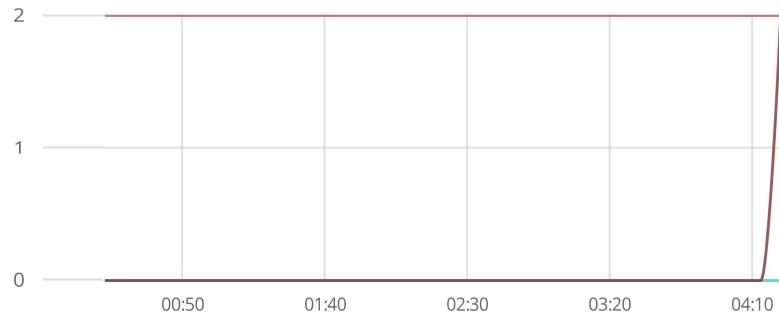


## QoS 2: Pubrel\_in to Pubcomp\_out internal latency (no data)

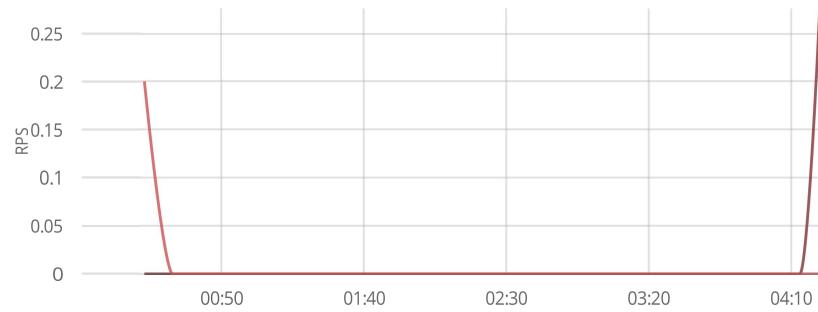


MZBench Internals

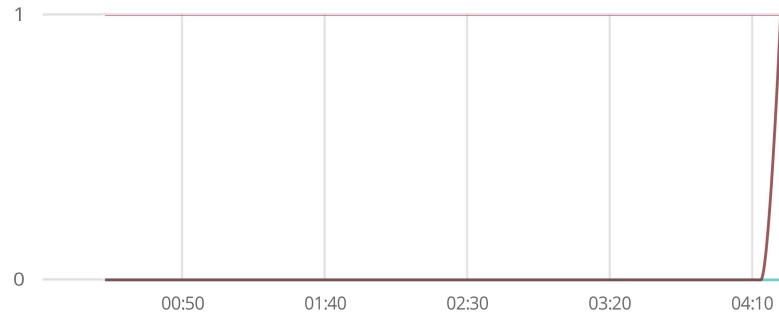
Worker status (pool1)



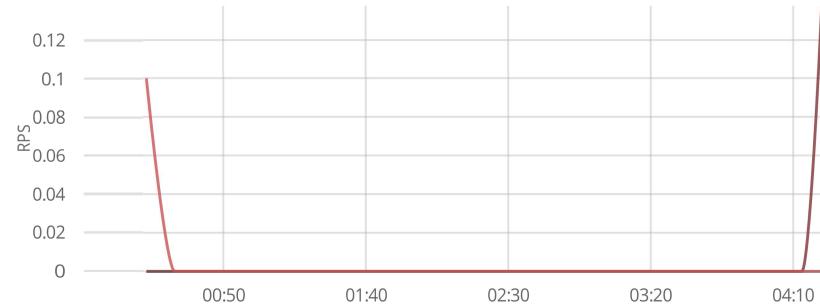
Worker status (pool1)



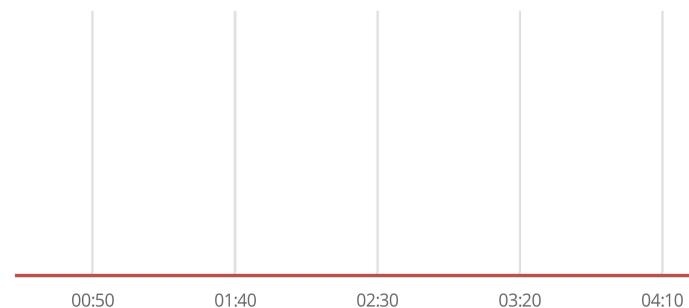
Worker status (pool2)



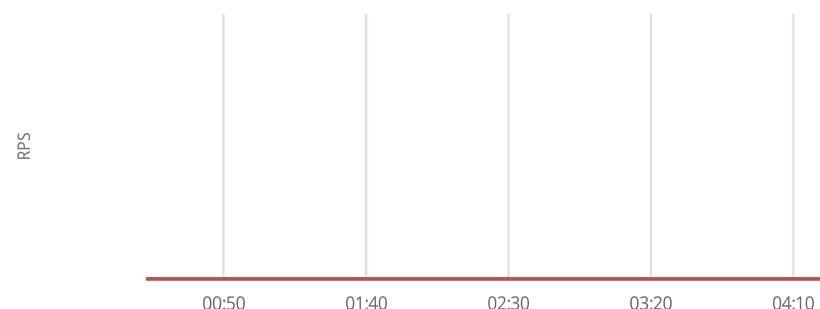
## Worker status (pool2)



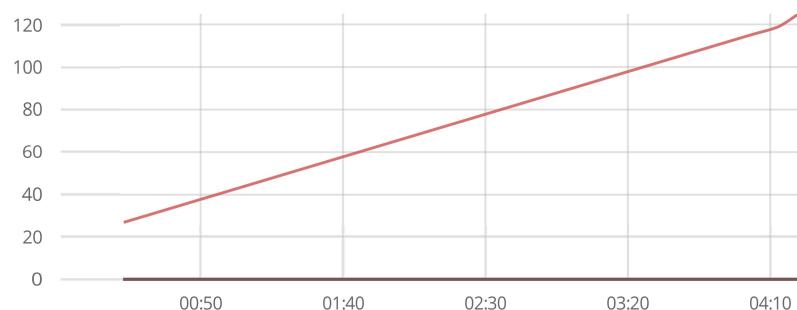
## Errors and Blocked workers



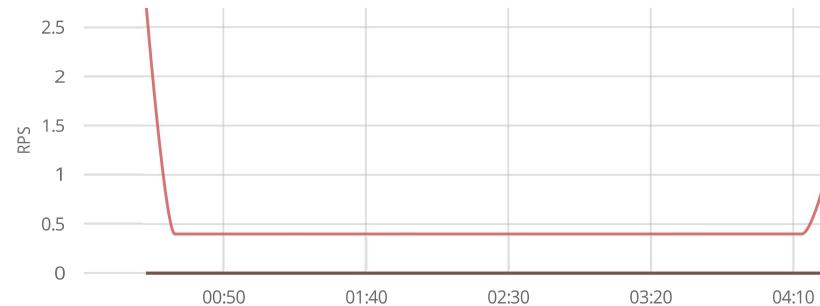
## Errors and Blocked workers



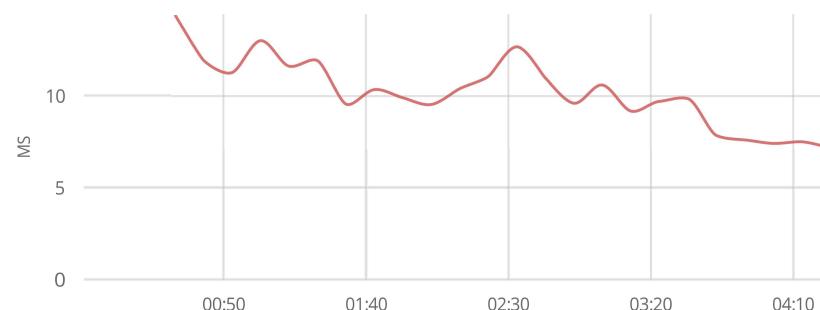
## Logs



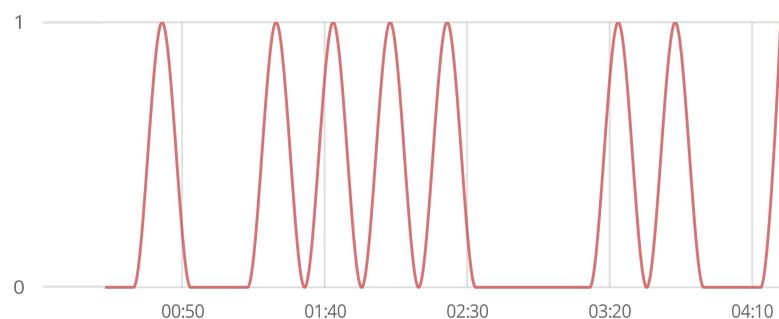
## Logs



Metric merging time



Mailbox messages



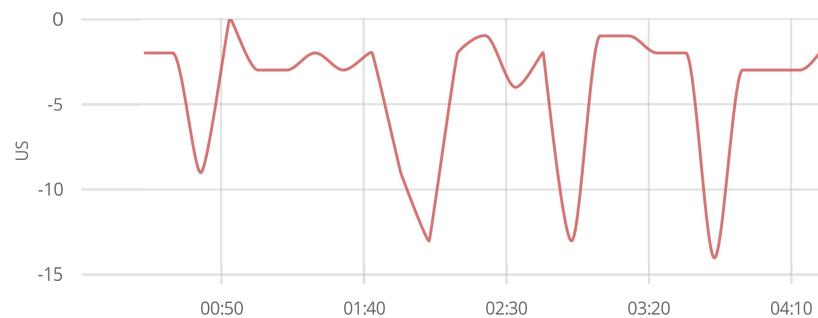
Erlang processes



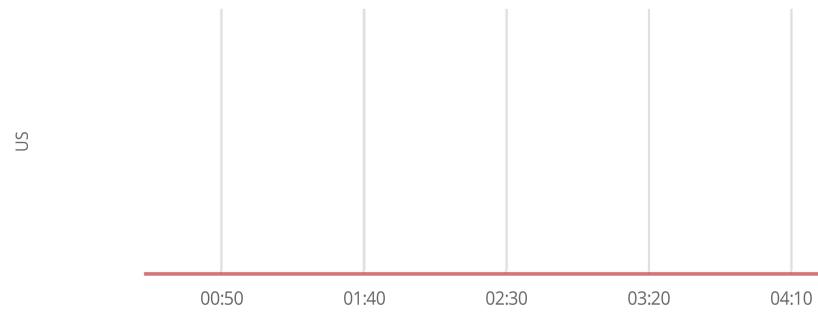
## System metrics report interval



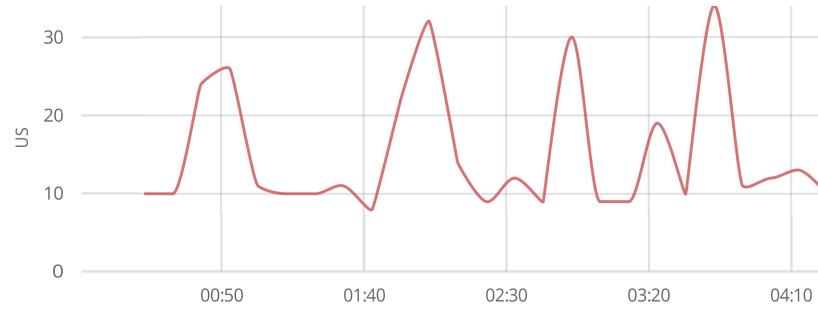
## Actual time diff with director

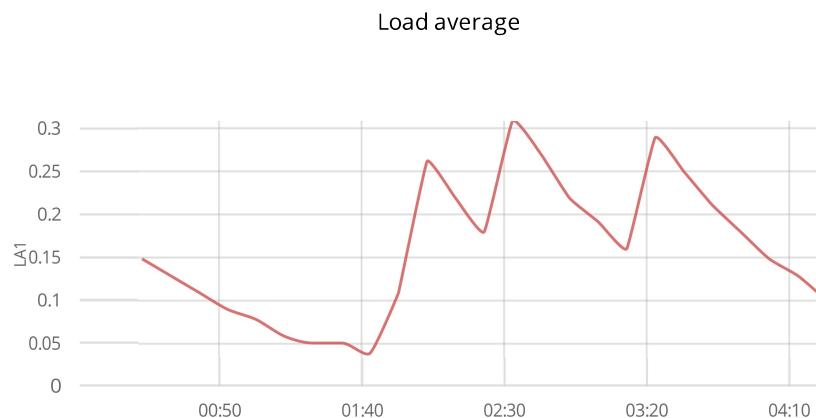


## Time offset at node

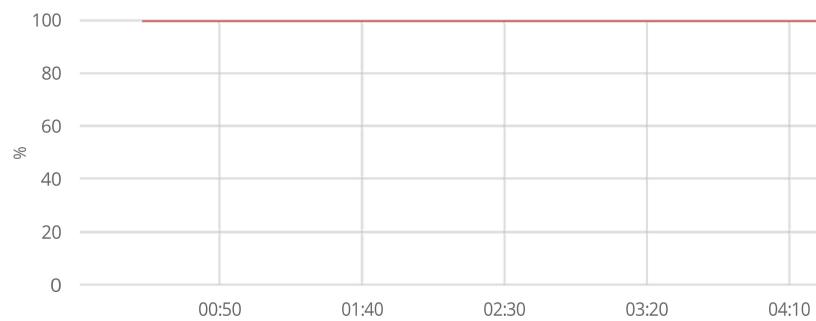


## Director ping time

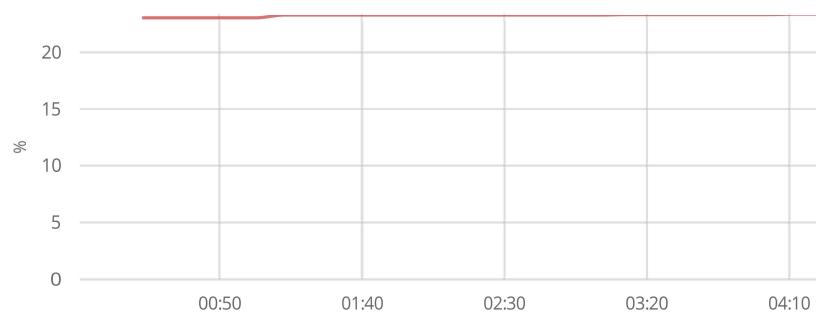


System Load

CPU



RAM



## Network transmit (bytes) - eth0

BYTES

00:50 01:40 02:30 03:20 04:10

## Network receive (bytes) - eth0

BYTES

00:50 01:40 02:30 03:20 04:10

## Network transmit (packets) - eth0

N

00:50 01:40 02:30 03:20 04:10

## Network receive (packets) - eth0

N

00:50 01:40 02:30 03:20 04:10

## Results

mqtt.publisher.qos2.pubrec.waiting counter 0

	<b>min</b>	<b>P<sub>50</sub></b>	<b>P<sub>90</sub></b>	<b>P<sub>95</sub></b>	<b>max</b>
RPS	0	0	0	0	0

mqtt.message.published.total counter 18000

	<b>min</b>	<b>P<sub>50</sub></b>	<b>P<sub>90</sub></b>	<b>P<sub>95</sub></b>	<b>max</b>
RPS	0	99.98	100.07	100.07	100.09

mqtt.consumer.suback.latency histogram

	<b>min</b>	<b>P<sub>50</sub></b>	<b>P<sub>90</sub></b>	<b>P<sub>95</sub></b>	<b>max</b>
Values	451	2130	9260	9450	11016

mqtt.message.consumed.total counter 35829

	<b>min</b>	<b>P<sub>50</sub></b>	<b>P<sub>90</sub></b>	<b>P<sub>95</sub></b>	<b>max</b>
RPS	0	199.97	200.17	200.17	203.13

errors.user counter 0

	<b>min</b>	<b>P<sub>50</sub></b>	<b>P<sub>90</sub></b>	<b>P<sub>95</sub></b>	<b>max</b>
RPS	0	0	0	0	0

mqtt.publisher.qos1.puback.in.total counter 18000

	<b>min</b>	<b>P<sub>50</sub></b>	<b>P<sub>90</sub></b>	<b>P<sub>95</sub></b>	<b>max</b>
RPS	0	99.98	100.07	100.08	100.09

errors.system counter 0

	<b>min</b>	<b>P<sub>50</sub></b>	<b>P<sub>90</sub></b>	<b>P<sub>95</sub></b>	<b>max</b>
RPS	0	0	0	0	0

mqtt.consumer.suback.errors counter 0

	<b>min</b>	<b>P<sub>50</sub></b>	<b>P<sub>90</sub></b>	<b>P<sub>95</sub></b>	<b>max</b>
RPS	0	0	0	0	0

blocked.workers counter 0

	<b>min</b>	<b>P<sub>50</sub></b>	<b>P<sub>90</sub></b>	<b>P<sub>95</sub></b>	<b>max</b>
RPS	0	0	0	0	0

mqtt.consumer.current\_total counter 476

	<b>min</b>	<b>P<sub>50</sub></b>	<b>P<sub>90</sub></b>	<b>P<sub>95</sub></b>	<b>max</b>
RPS	0.55	2	2	2	2

mqtt.connection.reconnects counter 0

	<b>min</b>	<b>P<sub>50</sub></b>	<b>P<sub>90</sub></b>	<b>P<sub>95</sub></b>	<b>max</b>
RPS	0	0	0	0	0

mqtt.publisher.qos1.puback.waiting counter 0

	<b>min</b>	<b>P<sub>50</sub></b>	<b>P<sub>90</sub></b>	<b>P<sub>95</sub></b>	<b>max</b>
RPS	-0.1	0	0	0	0.1

mqtt.publisher.qos2.pubrec.in.total counter 0

	<b>min</b>	<b>P<sub>50</sub></b>	<b>P<sub>90</sub></b>	<b>P<sub>95</sub></b>	<b>max</b>
RPS	0	0	0	0	0

mqtt.connection.current\_total counter 1

	<b>min</b>	<b>P<sub>50</sub></b>	<b>P<sub>90</sub></b>	<b>P<sub>95</sub></b>	<b>max</b>
RPS	-0.1	0	0	0	0.3

mqtt.publisher.qos1.puback.latency histogram

	<b>min</b>	<b>P<sub>50</sub></b>	<b>P<sub>90</sub></b>	<b>P<sub>95</sub></b>	<b>max</b>
Values	310	441	603	671	8136

mqtt.message.pub\_to\_sub.latency.qos1 histogram

	<b>min</b>	<b>P<sub>50</sub></b>	<b>P<sub>90</sub></b>	<b>P<sub>95</sub></b>	<b>max</b>
Values	491	759	1010	1110	8527872

mqtt.publisher.qos2.pubcomp.waiting counter 0

	<b>min</b>	<b>P<sub>50</sub></b>	<b>P<sub>90</sub></b>	<b>P<sub>95</sub></b>	<b>max</b>
RPS	0	0	0	0	0

mqtt.connection.connack.latency histogram

	<b>min</b>	<b>P<sub>50</sub></b>	<b>P<sub>90</sub></b>	<b>P<sub>95</sub></b>	<b>max</b>
Values	679	2100	110000	110000	110400

mqtt.consumer.qos1.publish\_in\_to\_puback\_out.internal\_latenc histogram

	<b>min</b>	<b>P<sub>50</sub></b>	<b>P<sub>90</sub></b>	<b>P<sub>95</sub></b>	<b>max</b>
Values	1	4	7	12	392