Scenario 3: Cluster Health Report:

Issue: Control Centre data not updating since past few hours

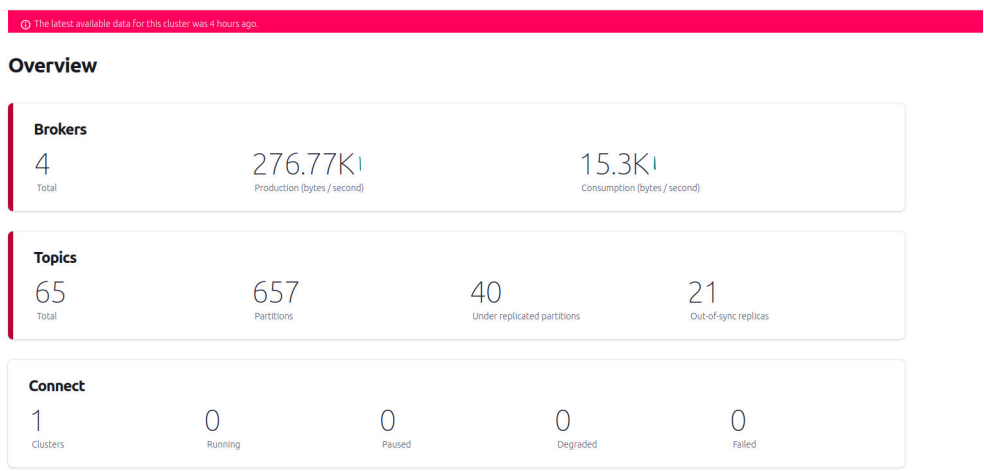|	Data Point	Observations	Status
Topic	• Under Replicated Partition = 40 • Out of sync replicas = 21	• Data replication and availability issue in cluster.	
System	• Network pool usage ~ 0.26 % • System pool usage ~ 87.51%	• Performancs issus in the cluster	
Broker	• no. of brokers = 5 • availabe brokers = 4	• 1 broker (Broker.ID 2) is unavailable.	

Screenshots:

ⓘ The latest available data for this cluster was 4 hours ago.

Overview

Brokers
4
Total

276.77K
Production (bytes / second)

15.3K
Consumption (bytes / second)

Topics
65
Total

657
Partitions

40
Under replicated partitions

21
Out-of-sync replicas

Connect
1
Clusters

0
Running

0
Paused

0
Degraded

0
Failed

fig: Cluster Overview
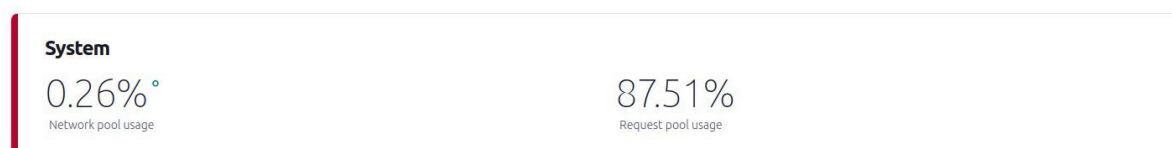
fig: System Nework usage

| Brokers | Throughput | | Latency (fetch) | | | | Latency (produce) |
Name	Bytes in/sec	Bytes out/sec	99.9th %ile	99th %ile	95th %ile	Median	99.9th %ile
broker.1		9.36KB	530ms		500ms	36ms	30s
broker.3	63.46KB	5.93KB		500ms	500ms	44ms	47ms
broker.4		0B					31ms
broker.5	213.32KB	5B	520ms	500ms	500ms	500ms	15s

fig: Available Brokers

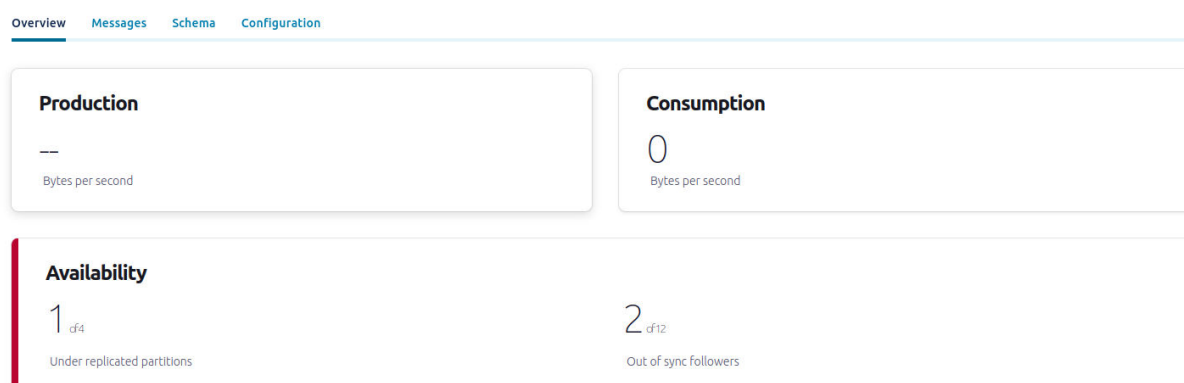## _confluent-controlcenter-7-4-0-1-KSTREAM-OUTERTHIS-0000000105-store-changelog

Overview   Messages   Schema   Configuration

Production

--

Bytes per second

Consumption

0

Bytes per second

Availability

1 of4

Under replicated partitions

2 of12

Out of sync followers

fig: one of the topics having unavailable partition due to out of sync replicas

| Partitions | | Replica placement | | Replica lag | Offset | | Size |
Partition id	Status	Leader (broker ID)	Followers (broker IDs)	Followers (max l...	Start	End	Total Size
0	Available	3	1, 4	17,000s	0	21640	2.98MB
1	Offline	1	2, 3	1,700,000,000s	0	21644	2.98MB
2	Available	3	4, 1	17,000s	0	21635	2.98MB
3	Available	3	4, 1	19,000s	0	21623	2.98MB
4	Offline	1	3, 2	1,700,000,000s	0	21647	2.98MB

fig: Partition ID and their availability status of a topic

Analysis :

- Broker ID 2 is unavailable, which is most likely causing the issue.