

# Web Console

# Web Console for Administration

- The main administration method for managing your Couchbase installation
- provides the following functionality
  - guide to the status of your Couchbase cluster
  - access to your data bucket configuration, including creating new buckets
  - active nodes and their configuration and activity

BETA BUILD

[Activity](#) [Classic UI](#) [Documentation](#) [Support](#) [Administrator](#) ▼

myCluster &gt; Dashboard

Enterprise Edition 5.0.0 build 2650

Dashboard

[Servers](#)[Buckets](#)[Indexes](#)[Search](#)[Query](#)[XDCR](#)[Security](#)[Settings](#)[Logs](#)**Data Service**

1 node

**GSI Service**

1 node

**FTS Service**

1 node

**Query Service**

1 node

**XDCR**

0 remote clusters

0 replications

**Data Service Memory**

Total Allocated (200 MB)

Total in Cluster (256 MB)

In Use (52.4 MB)

Unused (147 MB)

Unallocated (56 MB)

**Data Service Disk**

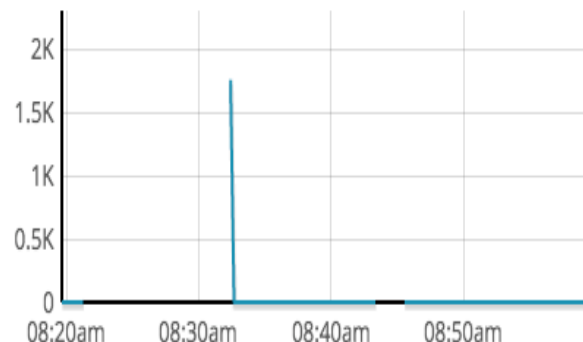
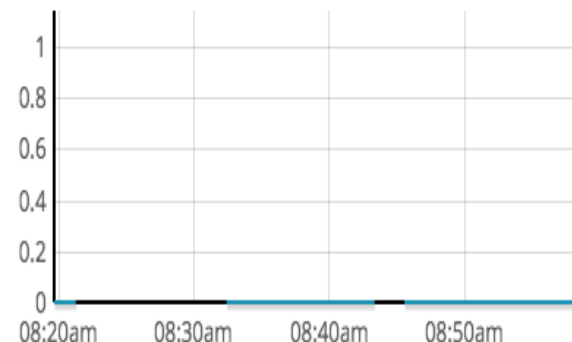
Usable Free Space (172 GB)

Total Cluster Storage (232 GB)

In Use (26.3 MB)

Other Data (60.4 GB)

Free (172 GB)

**Buckets** 2 active**Operations Per Second****Disk Fetches Per Second**

Data Service

1 node

GSI Service

1 node

FTS Service

1 node

Query Service

1 node

XDCR

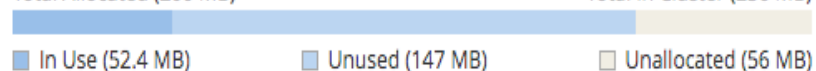
0 remote clusters

0 replications

## Data Service Memory

Total Allocated (200 MB)

Total in Cluster (256 MB)



## Data Service Disk

Usable Free Space (172 GB)

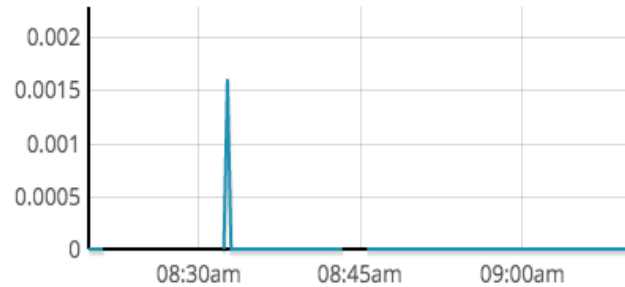
Total Cluster Storage (232 GB)



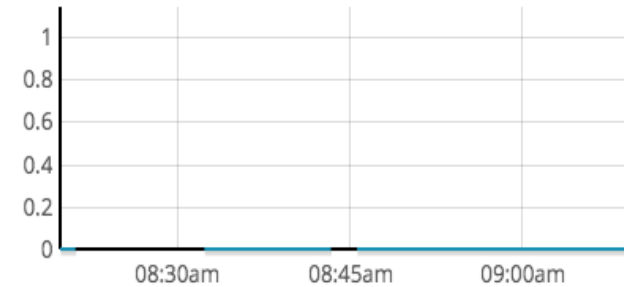
Field	Description
<b>Data Service Memory</b> section provides a graphical representation of your RAM situation.	
total quota	The amount of RAM allocated to data buckets within your cluster.
unallocated	The amount of RAM not allocated to data buckets within your cluster.
unused	The amount of memory that is unused (available) for storing data.
in use	The amount of memory across all buckets that is actually in use (that is data is actively being stored).

Buckets 2 active

Operations Per Second



Disk Fetches Per Second



Graph Name	Description
Operations Per Second	Provides information on the level of activity on the cluster in terms of storing or retrieving objects from the data store.
Disk Fetches Per Second	Indicates how frequently Couchbase Server is reaching to disk to retrieve information instead of using the information stored in RAM.



10.143.192.101 &gt; Servers

GROUPS

FAILOVER

ADD SERVER

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Search

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Eventing

Views

Indexes

filter servers...



Rebalance

name ▾

group

services

CPU

RAM

swap

disk used

items

10.143.192.101

Group 1

analytics

data

eventing

index

query

search

4.08%

29.1%

0%

---

0/0

[Statistics](#)

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name	items	resident	ops/sec	RAM used/quota	disk used	
<b>mySecondTestBucket</b>	1	100%	0	48MB / 100MB	4.06MB	<a href="#">Documents</a> <a href="#">Statistics</a>
<b>myTestBucket</b>	2	100%	0	48MB / 100MB	4.07MB	<a href="#">Documents</a> <a href="#">Statistics</a>



10.143.192.101 &gt; Buckets &gt; Statistics

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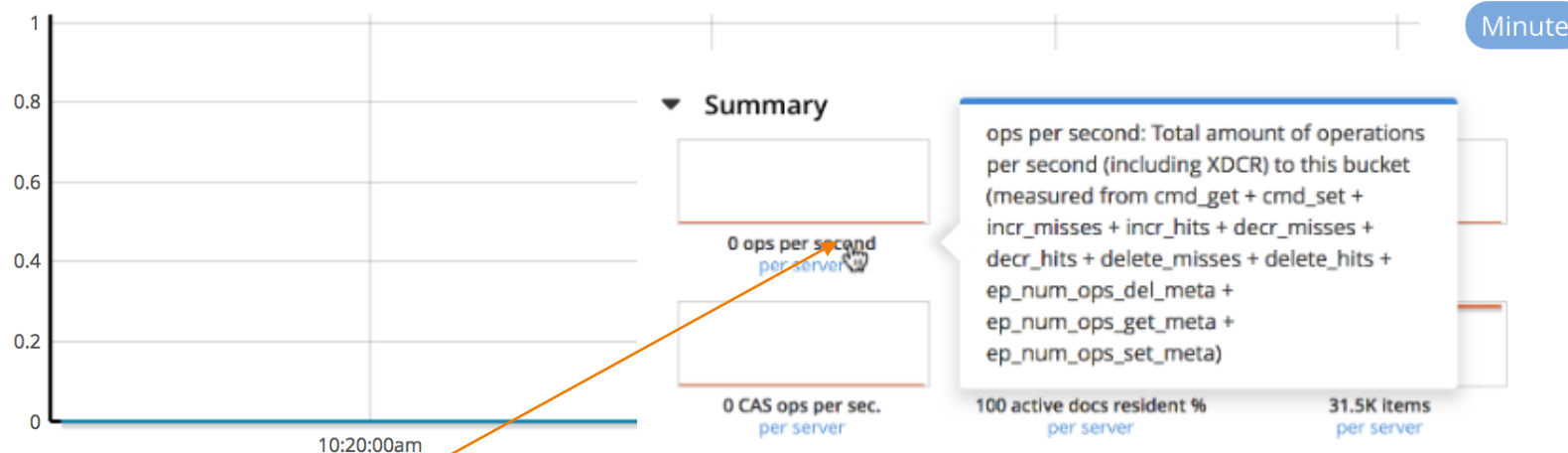
Views

Indexes

travel-sample ▾

All Server Nodes (1) ▾

0 Ops Per Second Last 1 Minute



## ▼ Summary

0 ops per second  
per server0 cache miss ratio  
per server0 gets per sec.  
per server0 sets per sec.  
per server0 deletes per sec.  
per server0 CAS ops per sec.  
per server100 active docs resident %  
per server31.5K items  
per server0 temp OOM per sec.  
per server75MB low water mark  
per server



[Dashboard](#)[Servers](#)[Buckets](#)[XDCR](#)[Security](#)[Settings](#)[Logs](#)[Documents](#)[Query](#)[Search](#)[Analytics](#)[Eventing](#)[Views](#)[Indexes](#)**Cluster Name****Memory Quotas** per server node

Note: Total Couchbase RAM allocation for each node cannot exceed 90% of its available memory.

**Data**

MB

**Index**

MB

**Query**

-----

**Search**

MB

**Analytics**

MB

**Eventing**

MB

**Current Version**

Couchbase Server Enterprise Edition 6.5.0 build 3826

☒ Enable software update notifications ⓘ

No updates available.

**Node Availability** ⓘ

☒ Auto-failover after  seconds for up to  event

☐ Auto-failover for sustained data disk read/write failures after

 seconds

☐ Enable auto-failover of server groups ⚠

☒ Can abort rebalance

► For Ephemeral Buckets

**Rebalance Settings**

☐ Retry rebalance up to  time after  seconds ⚠

**Index Storage Mode**

☐ Standard Global Secondary

☐ Memory-Optimized ⓘ

► Advanced Index Settings

**Query Settings**

► Advanced Query Settings

**XDCR Maximum Processes**[Save](#)[Cancel/Reset](#)



10.143.192.101 &gt; Documents

activity

help ▾

Administrator ▾

CLASSIC EDITOR

ADD DOCUMENT

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Indexes

Bucket

[show top keys](#)

Limit ⓘ

Offset ⓘ

Document ID ⓘ

[show range](#)

N1QL WHERE ⓘ

travel-sample ▾

10

0

optional...

optional...

































Retrieve Docs

10 Results for `select meta().id from `travel-sample` data order by meta().id limit 10 offset 0`

enable field editing

&lt; prev batch

| next batch &gt;

	id	
   	airline_10	<code>{"callsign":"MILE-AIR","country":"United States","iata":"Q5","icao":"MLA","id":10,"Air","type":"airline"}</code>
   	airline_10123	<code>{"callsign":"TXW","country":"United States","iata":"TQ","icao":"TXW","id":10123,"Wings","type":"airline"}</code>
   	airline_10226	<code>{"callsign":"atifly","country":"United States","iata":"A1","icao":"A1F","id":10226,"i</code>
   	airline_10642	<code>{"callsign":null,"country":"United Kingdom","iata":null,"icao":"JRB","id":10642,"n royal.britannica","type":"airline"}</code>
   	airline_10748	<code>{"callsign":"LOCAIR","country":"United States","iata":"ZQ","icao":"LOC","id":1074</code>
   	airline_10765	<code>{"callsign":"SASQUATCH","country":"United States","iata":"K5","icao":"SQH","id" Airlines","type":"airline"}</code>
   	airline_109	<code>{"callsign":"ACE AIR","country":"United States","iata":"KO","icao":"AER","id":109, Express","type":"airline"}</code>
   	airline_112	<code>{"callsign":"FLYSTAR","country":"United Kingdom","iata":"5W","icao":"AEU","id":112,"name":"Astraeus","type":"airline"}</code>



10.143.192.101 &gt; Query



IMPORT

EXPORT

Query Workbench ▾

Query Monitor

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## Query Editor

&lt; history (1/1) &gt;

```
1 CREATE INDEX `def_airportname` ON `travel-sample`(`airportname`) WITH { "d
```

Execute

Explain

executing

format

## Query Results 🔍

JSON

Table

Tree

Plan

Plan Text

```
1 {"No data to display":"Hit execute to run query."}
```

## Data Insights

## Queryable Buckets

travel-sample sampled 377 of 8

- ▶ `type` = "landmark" 3.2%
- ▶ `type` = "hotel" 28.1%
- ▶ `type` = "airline" 7.4%
- ▶ `type` = "airport" 61.3%



10.143.192.101 &gt; Full Text Search

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## Full Text Indexes

[Add Index](#)

index name

bucket

doc count

indexing progress

## Full Text Aliases

[Add Alias](#)

alias name

target indexes

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## Analytics Query Editor

[← history \(1/1\) →](#)

1

Execute

Explain

format

## Analytics Query Results

JSON

Table

Tree

Plan

Plan Text

1

Refresh

## Datasets

Dataverse: Default

### Couchbase Buckets



10.143.192.101 &gt; Indexes

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Indexes

view by index ▾

filter indexes...



index name ▾	requests/sec	resident rati...	items	data size	bucket	status
def_airportname	0	100%	1,968	0.14 MB	travel-sample	ready
def_city	0	100%	7,380	0.42 MB	travel-sample	ready
def_faa	0	100%	1,968	0.08 MB	travel-sample	ready
def_icao	0	100%	2,155	0.09 MB	travel-sample	ready
def_name_type	0	0%	0	0.00 MB	travel-sample	ready
def_primary	0	100%	23,573	0.26 MB	travel-sample	ready
def_route_src_dst_day	0	100%	112,042	6.12 MB	travel-sample	ready
def_schedule_utc	0	100%	16,006	7.68 MB	travel-sample	ready
def_sourceairport	0	100%	16,006	0.65 MB	travel-sample	ready
def_type	0	100%	23,573	1.10 MB	travel-sample	ready

Index Service RAM Quota

256.0 MB

RAM Used/Remaining

227.7/31.9 MB

Index Service RAM Percent

87.5%

Indexes Fragmentation

0.0%

Total Scan Rate (per sec)

0

Indexes Data Size

13.0 MB

Indexes Disk Size

4.1 MB

## Sample Buckets

Sample buckets contain example data, views, and indexes for your experimentation.

Sample buckets — like all buckets in Couchbase Server 5.0+ — can only be accessed by a user with privileges for that bucket.

### Available Samples

- ☐ beer-sample
- ☐ gamesim-sample
- ☐ travel-sample

Load Sample Data

### Installed Samples

none

Platform	Default directory
Linux	/opt/couchbase/var/lib/couchbase/data
Windows	C:\Program Files\couchbase\server\var\lib\couchbase\data
Mac OS X	~/Library/Application Support/Couchbase/var/lib/couchbase/data



# **Lab :**

## **Couchbase Web Console – 30 Minutes(D)**