

Build Your First Couchbase Application Mac Installation Guide

CommandBox Installation and Setup

If you have homebrew, run:

```
brew install http://downloads.ortusolutions.com/ortusolutions/commandbox/commandbox.rb
```

If you don't have homebrew and want it, run the following:

```
ruby -e "$(curl -fsSL https://raw.githubusercontent.com/Homebrew/install/master/install)"
```

Then run Step 1

If you want to setup CommandBox manually continue reading.

Unzip the appropriate CommandBox either `commandbox-mac-jre-2.1.0.zip` or `commandbox-mac-no-jre-2.1.0.zip` if you already have the JRE installed.

Open Terminal

Copy the box binary to your `/usr/bin` directory by running `cp ~/path/to/box /usr/bin`

Execute CommandBox by running `box`

Couchbase Installation and Setup

Install Couchbase

If you have homebrew run

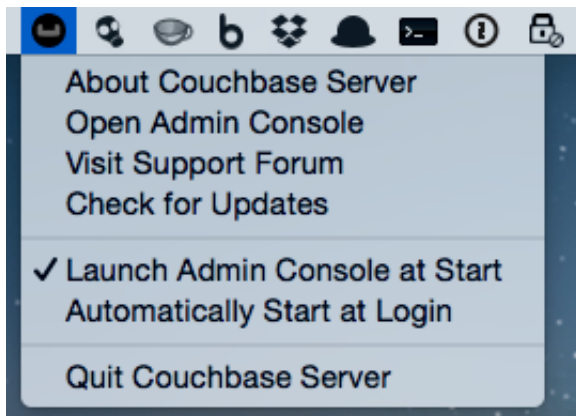
```
brew cask install couchbase-server-enterprise
```

If you want to install it manually

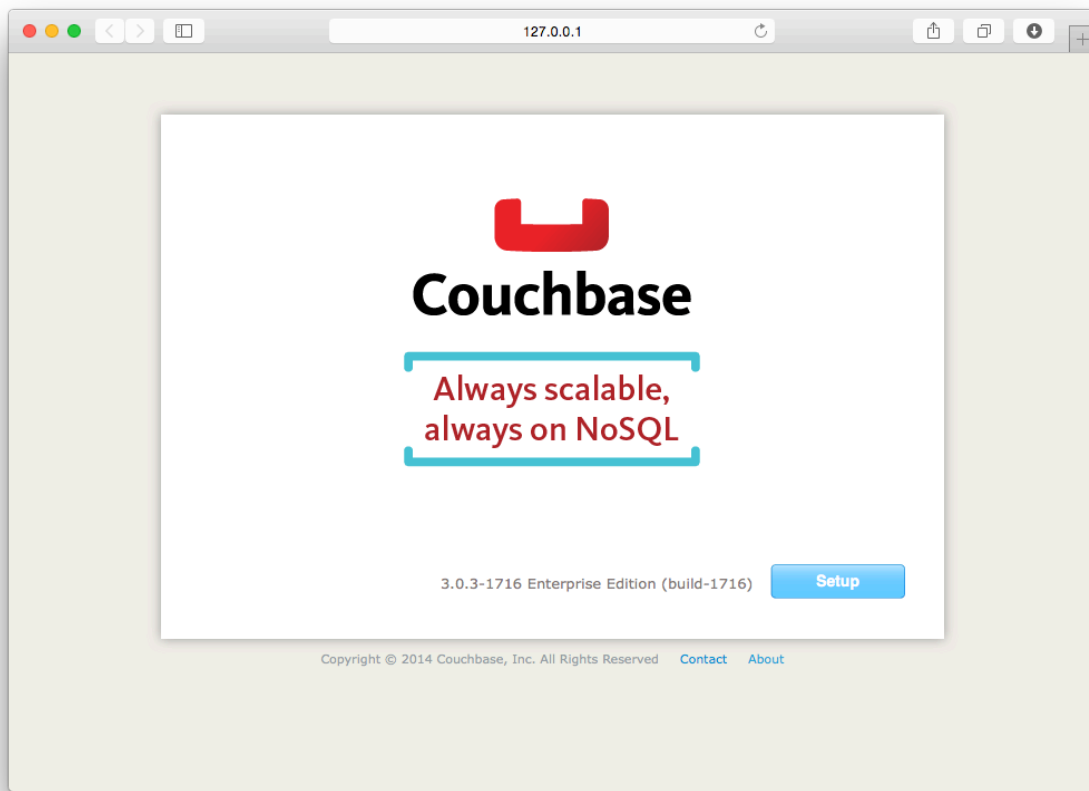
1. Unzip the install `couchbase-server-enterprise_3.1.0-macos_x86_64.zip`
 2. Drag the Couchbase Server icon into your `/Applications` directory
-

Open Couchbase

1. Go to your /Applications
2. Open "Couchbase Server"
3. Click the Menu Bar Icon
4. Click "Open Admin Console"



Setup



Click "Setup"

Configure Server

CONFIGURE SERVER Step 1 of 5

Configure Disk Storage

Databases Path:

Free: 65 GB

Indices Path:

Free: 65 GB

Hint: if you use this server in a production, use different file systems for databases and indices.

Configure Server Hostname

Hostname:

Join Cluster / Start new Cluster

If you want to add this server to an existing Couchbase Cluster, select "Join a cluster now". Alternatively, you may create a new Couchbase Cluster by selecting "Start a new cluster".

If you start a new cluster the "Per Server RAM Quota" you set below will define the amount of RAM each server provides to the Couchbase Cluster. This value will be inherited by all servers subsequently joining the cluster, so please set appropriately.

☒ Start a new cluster.

RAM Available: 13403 MB

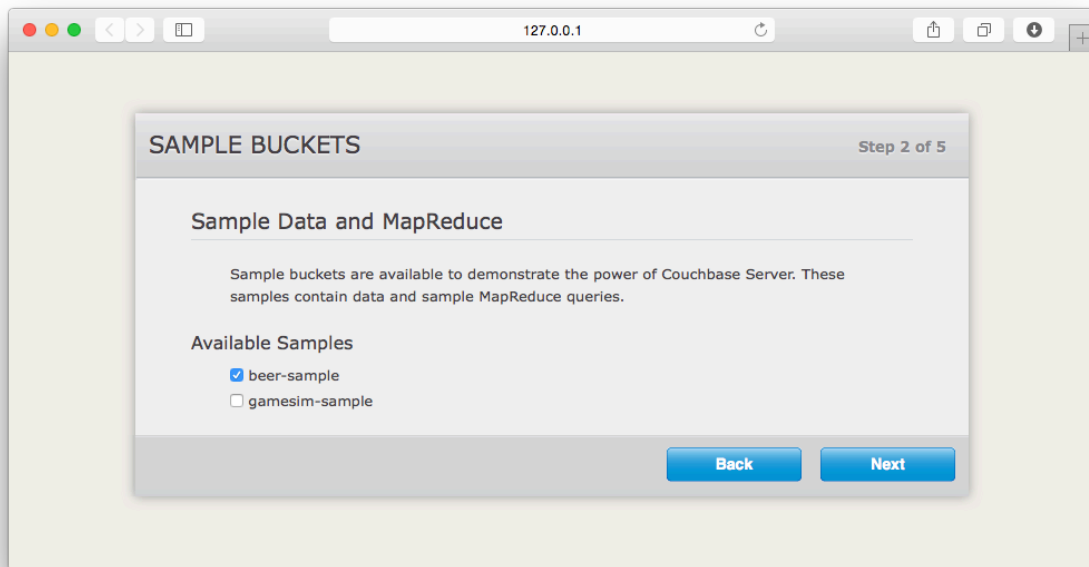
Per Server RAM Quota: MB (256 MB — 12379 MB)

☐ Join a cluster now.

Next

- Keep default Databases Path
- Keep default Indices Path
- Keep default Hostname
- Choose "Start a new cluster"
- Set Per Server RAM Quota to $\sim 1/4$ of System RAM
- Click "Next"

Sample Buckets



- Check "beer-sample"
- Click "Next"

Default Bucket

CREATE DEFAULT BUCKET Step 3 of 5

Bucket Settings

Bucket Name: **default**

Bucket Type: ☒ Couchbase
☐ Memcached

Memory Size

Per Node RAM Quota: MB

Cluster quota (2 GB)

Other Buckets (100 MB) This Bucket (1000 MB) Free (948 MB)

Total bucket size = 1000 MB (1000 MB x 1 node)

Cache Metadata: ☒ Value Eviction [What's this?](#)
☐ Full Eviction

Replicas

☒ Enable Number of replica (backup) copies
☐ Index replicas

Disk I/O Optimization

Set the bucket disk I/O priority: ☒ Low (default) [What's this?](#)
☐ High

Flush

☐ Enable [What's this?](#)

Back **Next**

- Choose "Couchbase" for the Bucket Type
- Set $\sim 1/2$ of remaining memory for the default bucket
- Choose "Value Eviction" for Cache Metadata
- Check "Enable" for Replicas
- Choose "1" for the Number of Backups
- Choose "Low" for disk I/O priority
- Check "Enable" for Flush

Notifications

127.0.0.1

NOTIFICATIONS

Step 4 of 5

Update Notifications

☒ Enable software update notifications [What's this?](#)

Product Registration

Register your Enterprise Edition of Couchbase Server below.

Email:

First name:

Last name:

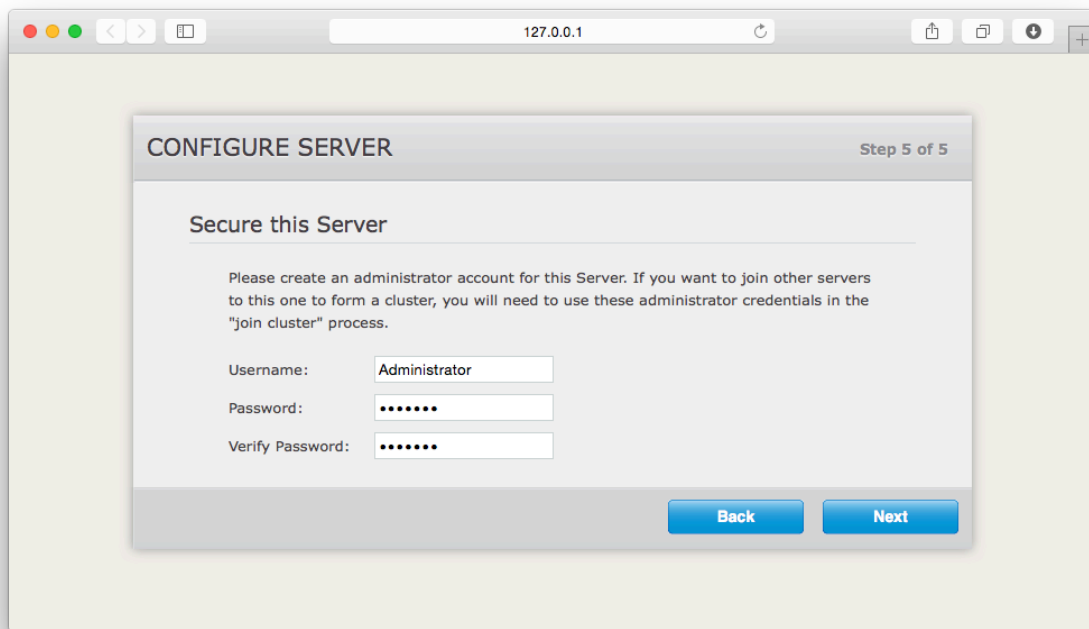
Company:

☒ I agree to the [terms and conditions](#) associated with this product. *

[Back](#) [Next](#)

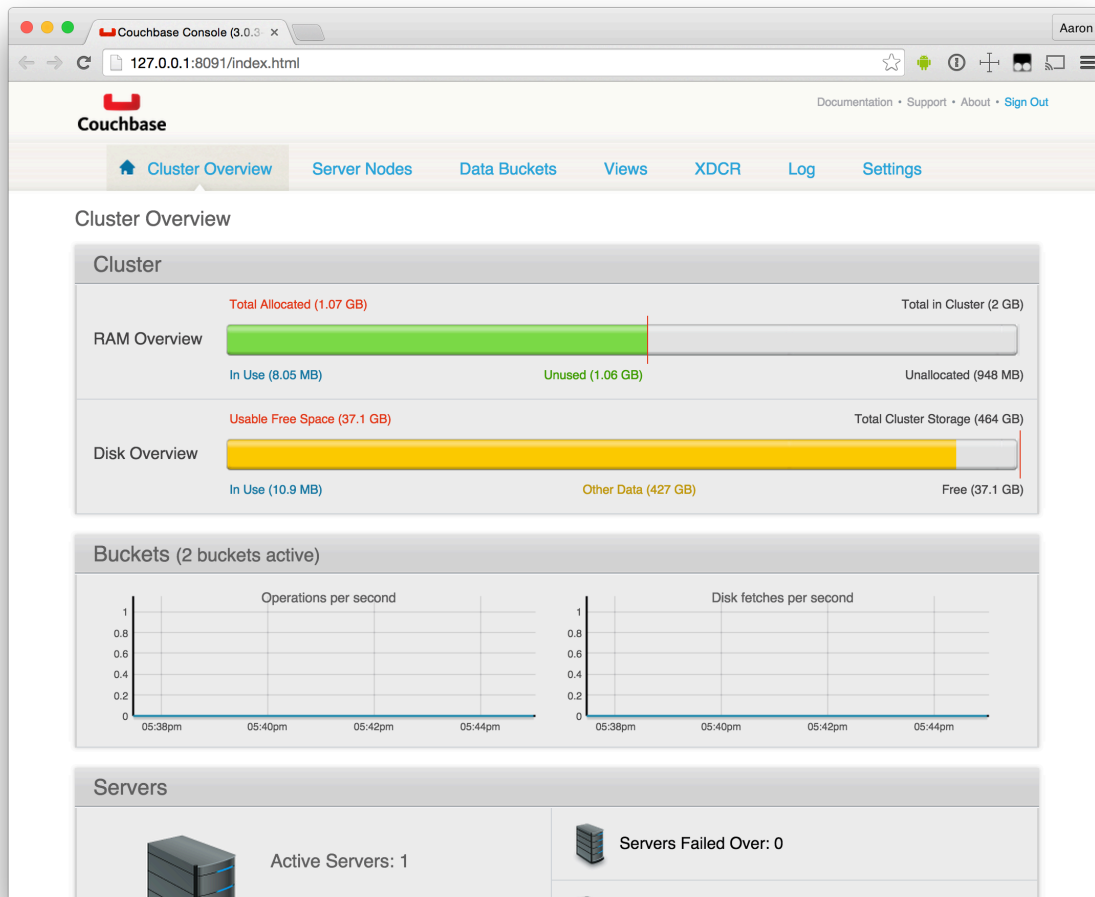
- Fill Out Registration Information
- Click "Next"

Secure Server



- Set the Username (highly suggest this is set to Administrator)
- Set an easy to remember a **password** (<- hint)

Done



Reset Password

If you need to reset the server password read this

http://docs.couchbase.com/admin/admin/CLI/cbreset_password_tool.html