**Implementación de stack Couchbase Mobile**

**instalación y configuración de Couchbase Server**

Antes de

Descargar de este link la version community

https://www.couchbase.com/nosql-databases/downloads

(imagenes de el couch server y el gateway)

**Download Couchbase Server**

If you haven't already downloaded Couchbase Server, get it now from the [**Couchbase Server downloads**](http://www.couchbase.com/nosql-databases/downloads#PreRelease) page.

On Linux, you can download Couchbase Server directly using the wget command.

[Install on Red Hat or CentOS Linux systems](https://developer.couchbase.com/documentation/server/4.5/getting-started/installing.html#story-h2-2)

**Install on Red Hat or CentOS Linux systems**

To install on Red Hat Enterprise Linux (RHEL) or CentOS Linux:

1. Log on to the server as root.
2. Enter the following command to install Couchbase Server, replacing *couchbase-server-version.rpm* with the name of the file you downloaded:

$ rpm --install *couchbase-server-version.rpm*

Couchbase Server starts automatically after the installation completes.

[Install on Debian or Ubuntu Linux systems](https://developer.couchbase.com/documentation/server/4.5/getting-started/installing.html#story-h2-3)

**Install on Debian or Ubuntu Linux systems**

To install on Debian or Ubuntu Linux:

1. Log on to the server as root.
2. Enter the following command to install [OpenSSL](https://help.ubuntu.com/community/OpenSSL), replacing *version* with a specific version number of OpenSSL:

$ apt-get install libssl*version*

1. Enter the following command to install Couchbase Server, replacing *couchbase-server-version.deb* with the name of the file you downloaded (hay otra forma)

$ dpkg -i *couchbase-server-version.deb*

Couchbase Server starts automatically after the installation completes.

[Install on OS X systems](https://developer.couchbase.com/documentation/server/4.5/getting-started/installing.html#story-h2-4)

**Install on OS X systems**

If you have an existing installation:

1. Shut down any running instances of Couchbase Server.
2. Delete any previous installations either by using the command line or by dragging the Couchbase Server application to the Trash.
3. Open a Terminal window and delete any application support files from previous installations:
4. $ rm -rf ~/Library/Application\Support/Couchbase

$ rm -rf ~/Library/Application\Support/Membase

To install Couchbase Server:

1. Download the zip file with the Couchbase Server package.
2. Expand the downloaded zip file (if it didn't expand automatically) and open the folder.

The folder contains the Couchbase Server application and README.txt file.

1. Move the Couchbase Server file to the Applications folder.
2. Start Couchbase Server by double-clicking the application icon.

If you get a message that says you can't run Couchbase Server due to security restrictions, right-click the icon for Couchbase Server and choose Open from the pop-up menu.

[Install on 64-bit Microsoft Windows systems](https://developer.couchbase.com/documentation/server/4.5/getting-started/installing.html#story-h2-5)

**Install on 64-bit Microsoft Windows systems**

To install on Microsoft Windows:

1. Double-click the downloaded executable file to start the installer.
2. Follow the installer prompts.
   * If desired, you can change the installation location.
   * If the default port is unavailable, the installer prompts you for a different port to use for server administration.
   * When the installer asks if you want to increase the number of ephemeral ports, click Yes.
3. After the installation is complete, restart Couchbase Server to apply the port changes.

[Set up Couchbase Server](https://developer.couchbase.com/documentation/server/4.5/getting-started/installing.html#story-h2-6)

**Set up Couchbase Server**

Set up Couchbase Server when you start the Couchbase Web Console for the first time.

Important: Use the quick installation and setup instructions on this page only to try out Couchbase Server. If you are installing Couchbase Server for development, test, or production purposes, set up Couchbase Server by following the [detailed setup instructions](https://developer.couchbase.com/documentation/server/4.5/install/init-setup.html#topic12527) in the *Installation Guide*.

To set up Couchbase Server in a non production environment, you can accept the default values provided on most of the set-up screens.

1. Open a browser and navigate to http://*hostname*:8091/.
2. In the URL, *hostname* represents the name or IP address of the computer that hosts Couchbase Server. If Couchbase Server is running locally, enter localhost for the host name.
3. Click Setup.
4. On the Configure Server screen (Step 1 of 5), click Next to accept the default values for a new cluster.
5. On the Sample Buckets screen (Step 2 of 5), under Available Samples select the two samples we will use later in this tutorial: beer-sample and travel-sample and click Next.
6. On the Create Default Bucket screen (Step 3 of 5), under Memory Size set the Per Node RAM Quota to 100 MB and click Next.
7. On the Notifications screen (Step 4 of 5), enter your registration information, agree to the terms and conditions, and click Next.
8. On the Configure Server screen (Step 5 of 5), enter and verify a password for the administrator account, and click Next.

The Couchbase Web Console opens and displays the Cluster Overview.

While the Couchbase Web Console is open, click on the tabs in the top menu and look at the screens to familiarize yourself with the information and available options.

NOTA

la versión 4.X no incluye el workbench para trabajr con n1ql por lo que se recomienda instalar la version 4.5 o 4.6.

Posibles errores

**Instalación y configuración de Sync Gateway**

**Descarga**

Descomprimir y proceder a ejecutar el bash sync\_gateway\_service\_install.sh que se encuentra en la carpeta service

Instalación

Antes de correr el script sync\_gateway\_service\_install.sh debemos proceder a configurar las siguientes variables

RUNAS\_TEMPLATE\_VAR=sync\_gateway

RUNBASE\_TEMPLATE\_VAR=/home/sync\_gateway

y dejarlo como

RUNAS\_TEMPLATE\_VAR=(usuario)

RUNBASE\_TEMPLATE\_VAR=Users/sync\_gateway

Posibles errores

En caso de aparecer error puede ser debido a que el script no logro crear las carpetas para la instalacion

**Configurar sync\_gateway**

**Levantar sync\_gateway**

sudo launchctl unload /Library/LaunchDaemons/com.couchbase.mobile.sync\_gateway.plist

Pruebas

para correr otra instancia de sync\_gateway en el mismo equipo use otros puertos

posibles errores

al levantar 2 gateway en distintos computadors , es probable que se caigan en un tiempo corti de 3~10 minutos

Configuración de Aplicación con Couchbase Lite

Probar aplicion genymotion

configurar proxy