**Dashboard setup**

Version 1.0

Contents

[**1.** **Install Apache** 3](#_Toc421192845)

[**2.** **Install PHP** 3](#_Toc421192846)

[3. **Install MongoDB** 3](#_Toc421192847)

[**3.1.1** **Configure the package management system (yum).** 3](#_Toc421192848)

[**3.1.2** **Start MongoDB.** 4](#_Toc421192849)

[**3.1.3** **Verify that MongoDB has started successfully** 4](#_Toc421192850)

[**3.1.4** **Stop MongoDB.** 5](#_Toc421192851)

[**3.1.5** **Restart MongoDB**. 5](#_Toc421192852)

[**4.** **Code setup** 5](#_Toc421192853)

[**4.1.1** **Pull code from github** 5](#_Toc421192854)

[**4.1.2** **Create virtual host** 5](#_Toc421192855)

[**4.1.3** **Import DB dump** 6](#_Toc421192856)

# **Install Apache**

To install apache, open terminal and type in this command:

sudo yum install httpd

Once it installs, you can start apache running on your VPS:

sudo service httpd start

# **Install PHP**

To install PHP on your server, open terminal and type in this command:

sudo yum install php php-mysql

Once you answer yes to the PHP prompt, PHP will be installed.

# **Install MongoDB**

### **Configure the package management system (yum).**

Create a /etc/yum.repos.d/mongodb-org-3.0.repo file so that you can install MongoDB directly, using yum.

Copy the following code to the .repo file and save it.

**[mongodb-org-3.0]**

name=MongoDB Repository

baseurl=http://repo.mongodb.org/yum/redhat/$releasever/mongodb-org/3.0/x86\_64/

gpgcheck=0

enabled=1

To install the latest stable version of MongoDB, issue the following command:

sudo yum install -y mongodb-org

The MongoDB instance stores its data files in /var/lib/mongo and its log files in/var/log/mongodb by default, and runs using the mongod user account. You can specify alternate log and data file directories in /etc/mongod.conf. See [systemLog.path](http://docs.mongodb.org/manual/reference/configuration-options/#systemLog.path) and [storage.dbPath](http://docs.mongodb.org/manual/reference/configuration-options/#storage.dbPath) for additional information.

### **Start MongoDB.**

You can start the [mongod](http://docs.mongodb.org/manual/reference/program/mongod/#bin.mongod) process by issuing the following command:

sudo service mongod start

**2**

### **Verify that MongoDB has started successfully**

You can verify that the [mongod](http://docs.mongodb.org/manual/reference/program/mongod/#bin.mongod) process has started successfully by checking the contents of the log file at /var/log/mongodb/mongod.log for a line reading

[initandlisten] waiting for connections on port <port>

where <port> is the port configured in /etc/mongod.conf, 27017 by default.

### **Stop MongoDB.**

As needed, you can stop the [mongod](http://docs.mongodb.org/manual/reference/program/mongod/#bin.mongod) process by issuing the following command:

sudo service mongod stop

**4**

### **Restart MongoDB**.

You can restart the [mongod](http://docs.mongodb.org/manual/reference/program/mongod/#bin.mongod) process by issuing the following command:

sudo service mongod restart

You can follow the state of the process for errors or important messages by watching the output in the /var/log/mongodb/mongod.log file.

# **Code setup**

### **Pull code from github**

Pull the code from github and copy to the folder /var/www/html/dashboard/. Make sure to choose Development branch in the repo.

<https://github.com/manzaa/Dashboard>

### **Create virtual host**

Create a virtual host entry at the end of httpd.conf file

<VirtualHost \*:80>

ServerAdmin webmaster@dashboard.com

DocumentRoot /var/www/html/dashboard/phase1/

ServerName mindtree.dashboard.com

ErrorLog /var/www/html/dashboard/error.log

CustomLog /var/www/html/dashboard/requests.log

</VirtualHost>

Restart apache after the virtual host entry is completed.

### **Import DB dump**

Checkout the DB dump from github from the following location.

<https://github.com/vamsipriyak/Dashboard/tree/Development/dump/dashboard>

In the command prompt, navigate to bin folder of Mongodb and run mongorestore command to import the dump.

mongorestore.exe --db dashboard --host localhost c:\wamp\bin\mongodb\bin\dump\dashboard

Now access mindtree.dashboard.com, it should open the dashboard home page.