

### **Orangescrum Base Code Automated Installation**

OrangeScrum is a free, open source, flexible project management web application written using CakePHP.

Just 5 simple steps to start using OrangeScrum in your premises. This procedure is well tested on Windows, Linux and Mac operating system.

### Requirements

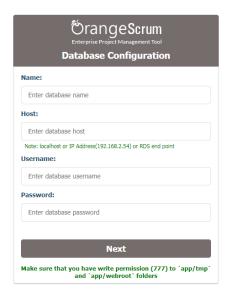
- Apache with 'mod rewrite'
- PHP 5.6 or PHP 7.x
- Enable curl in php.ini
- Change the "post\_max\_size=200M", "upload\_max\_filesize=200M",
   "max\_execution\_time=300", "memory\_limit=512M" and "max\_input\_vars=5000" in
   php.ini
- MySQL 5.5 or 5.6
- If STRICT mode is On, turn it Off.

### Installation

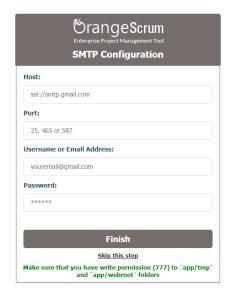
### **Minimum Configuration**

- Download Orangescrum zip file and extract the archive. Upload all the files and folders to your working directory.
- Provide proper write permission (777 or 755) to "app/tmp" and "app/webroot" folders and their sub-folders.
- Make sure that, there are three .htaccess files. One in the root directory, another in the "app" directory and the last one is in the "app/webroot" directory.
- Make sure that, the .htaccess is working in your server.
- Locate your 'app' directory, do the changes on following file
   app/Config/constants.php

- **FROM\_EMAIL\_NOTIFY** All the task created/updated notification email will be sent from this Email ID.
- SUPPORT\_EMAIL All other Emails and support related Emails will be sent from this
   Email ID.
- SUB\_FOLDER -Update the folder name, If your application URL is
   "http://www.myorangescrum.com/folder\_name/" (the value should follow by a
   forward slash. e.g. define('SUB\_FOLDER', folder\_name/')). Leave it blank If your
   application URL doesn't have an additional folder path.
- Run Orangescrum as http://yoursiteurl.com/ from your browser. If Orangescrum is
  hosted on local network, then run <a href="http://localhost/orangescrum-master">http://localhost/orangescrum-master</a> or run the
  IP/domain as configured.
- Once you hit the URL, you can see the **Database Configuration** Wizard
- On the Database Configuration wizard, provide your Database Name, Database Host, Username, Password and click Next button.

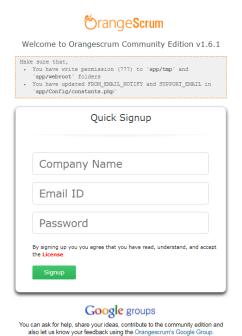


• On the next page **SMTP Configuration** Wizard, configure the SMTP with **Host Name**, **Port**, **User Name** and **Password**.



**Note:** You can Skip SMTP setup by clicking on "Skip". Also, this step doesn't verify your SMTP configuration. Follow the SMTP troubleshoot to fix the SMTP/Email invite issue.

Once you click on "Finish" button, you'll be ask to provide your Company Name,
 Email address and a Password to login and start using OrangeScrum.



Note: If you're unable to see the Sign up page, then change the "Configure::write('debug',2)" to "Configure::write('debug',0)" or vice-versa in app/Config/core.php. Once the sign up page appears, change the debug value to "0" and save it.

### Other Configurations in app/Config/constants.php

- Create a Google Project (https://console.developers.google.com/project) for Google
   Login, Invite Google Contacts and Google Drive file attachment.
- Update the CLIENT\_ID, CLIENT\_ID\_NUM, CLIENT\_SECRET, API\_KEY values.
- Set the USE\_GOOGLE value to 1 to use Google Google Login, Invite Google Contacts and Google Drive file attachment
- Create a Dropbox App (https://www.dropbox.com/developers) for Dropbox file file sharing.
- Update the DROPBOX\_KEY value and Set the USE\_DROPBOX value to 1 to use
   Dropbox file file sharing.
- Create 2 Buckets in AWS S3 to store all the files in the S3 Bucket.
- Provide the S3 Bucket Names, awsAccessKey, awsSecretKey values.
- Set the USE\_S3 value to "1" to store all file attachment and profile photo in AWS S3 bucket.
- Get the "DropboxandGooglSetup.pdf" on the root directory of the Orangescrum project folder to know, How to create apps and projects on Dropbox and Google Drive.

# **Cron Job Settings (Linux Server)**

Update your application url in define('DOMAIN', "www.myorangescrum.com/") in the "app/Config/constants.php". Below are the 4 Cron Jobs to set on a Linux server,

(Assuming your Application is in "/var/www/html/orangescrum-master/")

 0 23 \* \* \* php -q /var/www/html/orangescrummaster/app/webroot/cron\_dispatcher.php /cron/email\_notification

- Daily/Weekly/Monthly Task Status update email in the "Email Reports" section of Orangescrum.
- \*/15 \* \* \* \* php -q /var/www/html/orangescrum master/app/webroot/cron dispatcher.php /cron/dailyupdate notifications
  - o Daily Update Reports in the "Email Reports" section of Orangescrum
- \*/15 \* \* \* \* php -q /var/www/html/orangescrummaster/app/webroot/cron\_dispatcher.php /cron/dailyUpdateMail
  - Daily Catch Up Email Alert
- \*/30 \* \* \* \* php -q /var/www/html/orangescrummaster/app/webroot/cron\_dispatcher.php /cron/weeklyusagedetails
  - Weekly Usage report of your account

#### You can also set the Cron Jobs using the absolute urls.

- http://www.yourorangescrum/cron/email notification
- http://www.yourorangescrum/cron/dailyupdate\_notifications
- http://www.yourorangescrum/cron/dailyUpdateMail
- http://www.yourorangescrum/cron/weeklyusagedetails

### **Email Reply - Nohup Cron Job setup (Linux Server)**

Make sure to do the following changes on the Email server connection details in the app/webroot/EmailReply.php file.

- \$username This will be the FROM\_EMAIL\_NOTIFY Email set on your app/Config/constants.php
- All the task created/updated notification email will be sent from FROM\_EMAIL\_NOTIFY.
   When somebody will reply on that task created/updated notification email, the
   FROM\_EMAIL\_NOTIFYwill get that Email in the inbox.
- EmailReply.php page is going to read the emails from FROM\_EMAIL\_NOTIFY and It will
  post to them as a reply to the respective tasks in Orangescrum.

- 2. \$password Password of FROM\_EMAIL\_NOTIFY
- 3. **client** Change it, if you are not using Gmail

After this setup, you can reply to a task created/updated notification email and that email reply will be posted to Orangescrum under that Task. This will help you to respond to a task while onthe-go from your Mobile.

(Assuming your Application is in "/var/www/html/orangescrum-master/")

- 1. Enable extension=php\_imap in your php.ini file.
- 2. Create a orangescrum.sh file in your server
- 3. vi orangescrum.sh(or, open that file to write the below code)

```
#!/bin/bash
while(true)
do
cd /var/www/html/orangescrum-master/app/webroot
php q EmailReply.php 1>&2
sleep 1;
done
```

- 4. Give the execute permission for orangescrum.sh: chmod +x orangescrum.sh
- 5. Start the Nohup using the command: nohup sh orangescrum.sh > customout.log &

# **Node JS setup (Linux Server)**

- Make sure that you have installed Node.js and NPM
- Install Socket.io using NPM

- Install Forever
- Find how to add a JavaScript file to run Node.js forever.
- Now enable the "NODEJS\_HOST" with your server details under "define("NODEJS\_HOST", ");"[ex: http://your IP address:3002/] on "app/Config/constants.php"

### For **Troubleshooting**, kindly follow these links:

http://helpdesk.orangescrum.com/community-base-category/community-faq/

https://www.orangescrum.org/faq

https://groups.google.com/forum/#!forum/orangescrum-community-support

## **Customize Orangescrum**

Personalize/Customize your Orangescrum look n feel to match your company environment.

https://www.orangescrum.org/how-to-customize-orangescrum