



# **Automated Installation Guide for Debian 9**

## Installation Instruction for OrangeScrum Community edition on Debian 9

**\*Note: This script will not work on shared hosting, only works on Debian 9 dedicated server only.**

### Prerequisites:

#### Hardware:

- RAM: minimum 2 GB
- Processor: Core2duo or Higher
- OS: Debian 9
- Disk Space: 10 GB or Higher

#### OS and Other required Parameters:

- A Fresh Debian 9 Server
- Internet Connection
- Email ID
- Email Password
- Email SMTP Mail Server Hostname / Private Mail Server Hostname (e.g., mail.gmail.com **or** smtp.yahoo.com, etc.)
- SMTP Port (e.g., 25, 465, 587, etc.)

\*Note: If Gmail ID used make sure to enable the “**less secure app**” function. You can do this by logging into the gmail account and go to “**My Accounts**” then click on “**Sign-in & Security**” and the enable the “**Allow less secure apps: ON**”.

\*Note: Make sure to whitelist the application server domain/IP address from the private Mail Server.

\*Note: OrangeScrum will only works on MySQL 5.4-5.7, Apache 2.4 and PHP 5.6

- *If SELinux is installed and enabled, please set it to permissive mode.  
For temporary “setenforce 0”  
For Permanent: edit the “/etc/selinux/config” and set selinux=permissive*

### What does the installation package help with?

- Installs required packages and dependencies to support the application
- Installs and configure Apache Web Server
- Installs MySQL Server, creates database and configures user for database or create database in an existing mysql setup and configures user, requires existing root password.
- Setup cron jobs
- configure email settings

### Steps to install application:

1. Download the OrangeScrum Community Edition Package
2. Copy it to the Server's "/tmp" directory where the application will be installed.  
\*You can use "Winscp" or "Filezilla" to upload the package to your Server
3. Login to "root" or run "su -", enter the root password:

```
andola@debian:~$ su -
Password:
root@debian:~#
```

4. Change the directory to "/tmp" and list the zip file by using the following command:

```
root@debian:~# cd /tmp/
root@debian:/tmp# ls -l
total 14688
-rw-r--r-- 1 root root 15031212 Jun 22 04:13 orangescrum-debian.zip
```

5. Extract the code using unzip command as given below:  
If unzip command will not work install unzip by typing: "**apt install -y unzip**":

```
/tmp# unzip orangescrum-debian.zip
```

6. Change the directory to "orangescrum-ubuntu18":

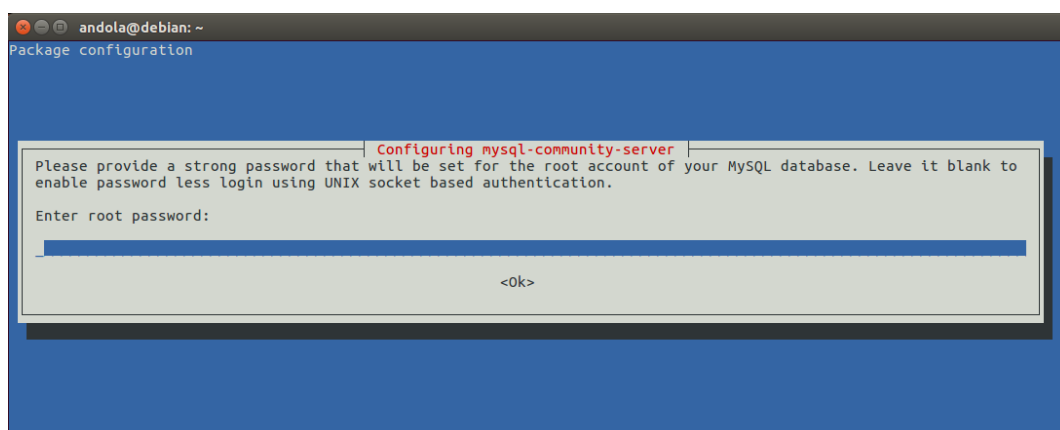
```
/tmp# cd orangescrum-debian/
```

7. Make the setup.sh file executable and then Run the setup.sh file:

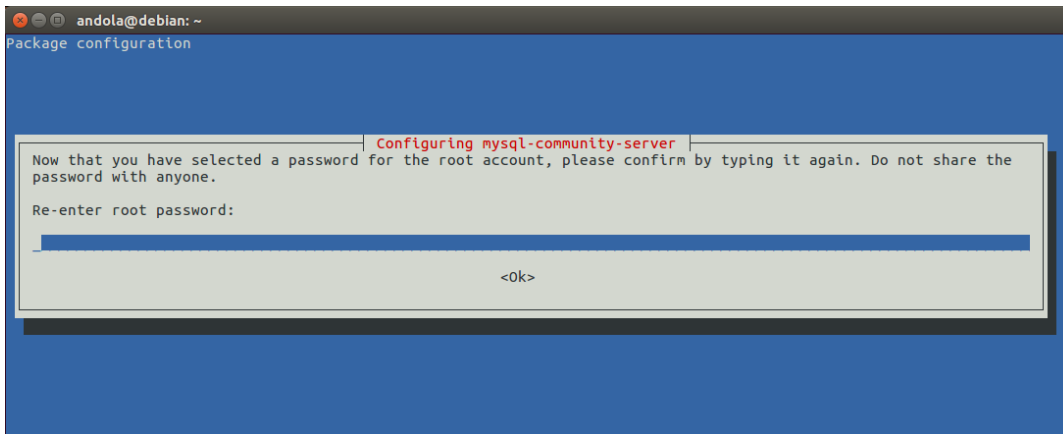
```
/tmp/orangescrum-debian# chmod +x setup.sh
```

```
/tmp/orangescrum-debian# ./setup.sh
```

8. During Installation if found MySQL database is already installed, it will ask for **root password** for MySQL database, else it will ask to setup root password for new installation:

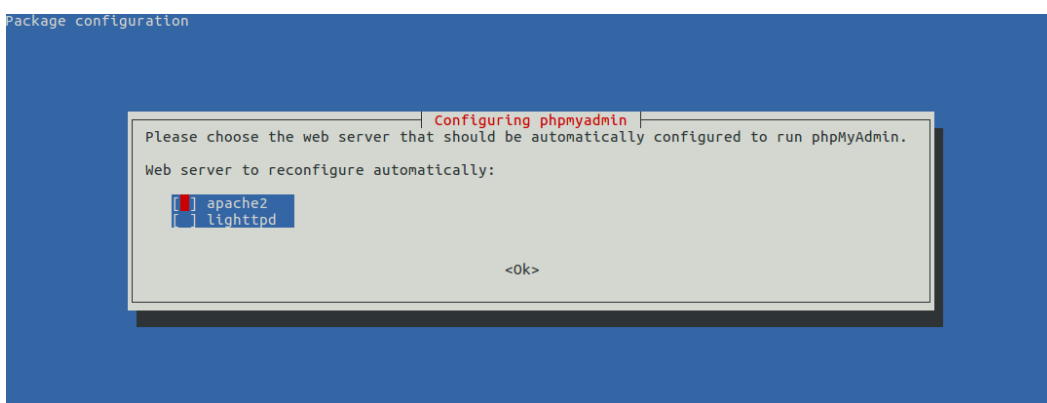


Re-enter the password as per the above given screen-shot.

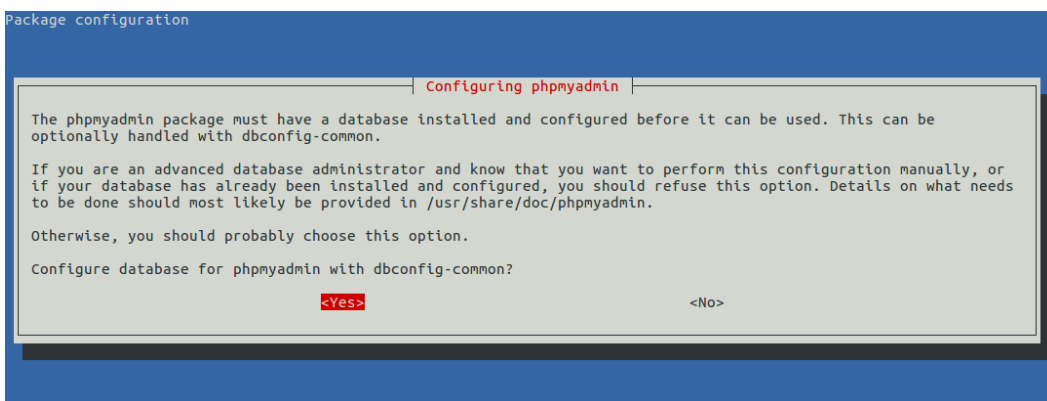


9. It will ask to setup the phpMyAdmin, please follow the steps:

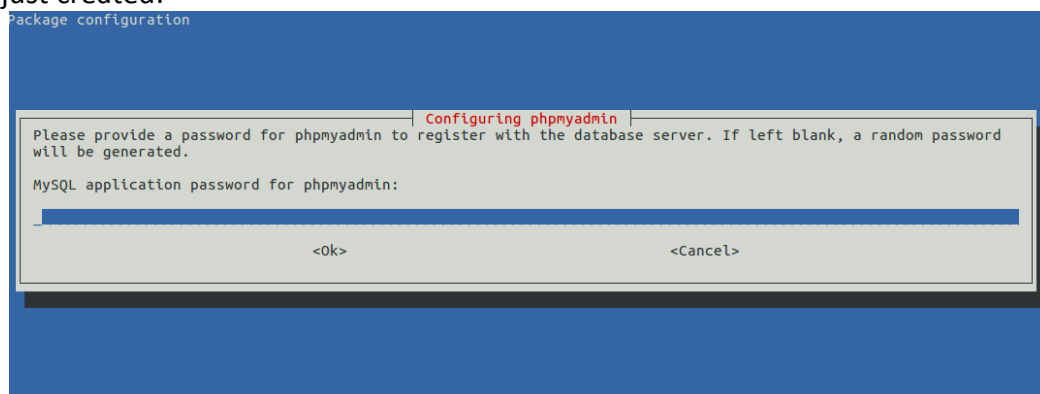
i. Select **"apache2"** and press **"ok"** to re-configure the Web Server automatically



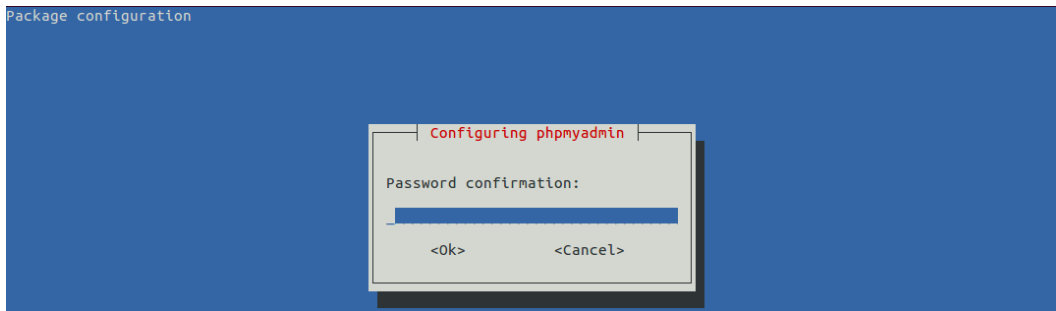
ii. Select **"Yes"** to re-configure the database for phpMyAdmin with dbconfig-common:



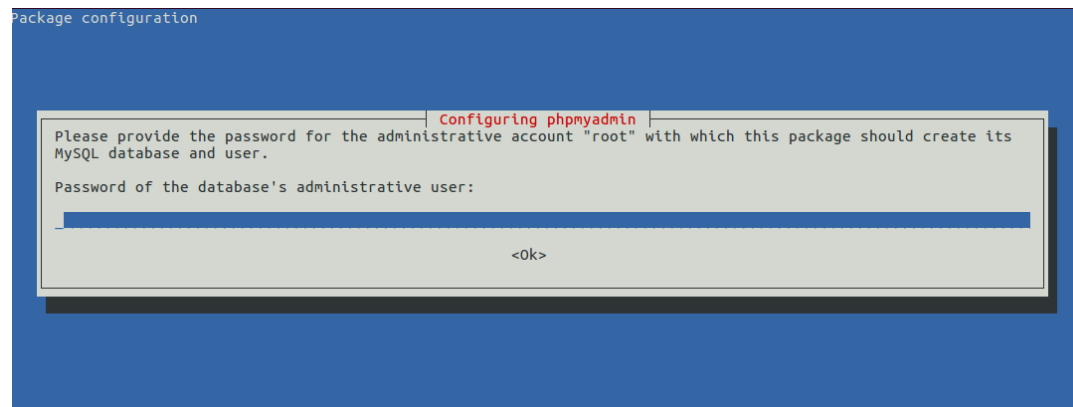
iii. Enter MySQL application password for phpMyAdmin, Enter the Database password you have just created:



iv. Re-Confirm the database password:



v. Please provide the Administrative user's Password to create and modify database



10. It will install all the required packages and dependencies and will ask for email ID, Email Password, SMTP mail server address and SMTP port, Domain name or IP address for the Host.

```

Please enter your email id
test@test.com
Please enter your Domain Name or IP
os.test.com
Please enter your email password
abcd@1234
Please enter your SMTP Host
mail.gmail.com
Please enter your SMTP port
587
OrangeScrum Community Edition Installation Completed Successfully.
Open you browser and access the application using the domian/IP address:
http://Your_Domain_or_IP_Address/
    
```

Open you browser and access the application using the domain/IP address:

[http://Your\\_Domain\\_or\\_IP\\_Address](http://Your_Domain_or_IP_Address)