Deployment Guide:

Website: <https://www.phusionpassenger.com/library/walkthroughs/deploy/>

Step 1:

Select Ruby

Step 2:

Select “[Generic Linux/Unix deployment tutorial](https://www.phusionpassenger.com/library/walkthroughs/deploy/ruby/ownserver/integration_mode.html)”

Step 3:

Select “Nginx” (<https://www.phusionpassenger.com/library/walkthroughs/deploy/ruby/ownserver/integration_mode.html#nginx_choices>)

Step 4:

Select Server: Choose open source <https://www.phusionpassenger.com/library/walkthroughs/deploy/ruby/ownserver/nginx/open_source_vs_enterprise.html#oss_choices>

Step 5: Install Ruby

sudo apt-get update

sudo apt-get install -y curl gnupg build-essential

sudo gpg --keyserver hkp://keys.gnupg.net --recv-keys 409B6B1796C275462A1703113804BB82D39DC0E3

$ curl -sSL https://get.rvm.io | sudo bash -s stable

$ sudo usermod -a -G rvm `whoami`

$ rvm install ruby-2.3.3

$ rvm --default use ruby-2.3.3

$ gem install bundler --no-rdoc --no-ri

sudo apt-get install -y nodejs &&

sudo ln -sf /usr/bin/nodejs /usr/local/bin/node

Step 6: Install Passenger

sudo apt-get install -y dirmngr gnupg

sudo apt-key adv --keyserver hkp://keyserver.ubuntu.com:80 --recv-keys 561F9B9CAC40B2F7

sudo apt-get install -y apt-transport-https ca-certificates

*# Add our APT repository*

sudo sh -c 'echo deb https://oss-binaries.phusionpassenger.com/apt/passenger **xenial** main > /etc/apt/sources.list.d/passenger.list'

sudo apt-get update

*# Install Passenger + Nginx*

sudo apt-get install -y nginx-extras passenger

**Step 2: enable the Passenger Nginx module and restart Nginx**

Edit /etc/nginx/nginx.conf and uncomment include /etc/nginx/passenger.conf;. For example, you may see this:

Copy# include /etc/nginx/passenger.conf;

Remove the '#' characters, like this:

Copyinclude /etc/nginx/passenger.conf;

If you don't see a commented version of include /etc/nginx/passenger.conf; inside nginx.conf, then you need to insert it yourself. Insert it into /etc/nginx/nginx.conf inside the http block. For example:

Copy...

http {

include /etc/nginx/passenger.conf;

...

}

When you are finished with this step, restart Nginx:

Copy$ sudo service nginx restart

Step 6: Deploy the app

<https://www.phusionpassenger.com/library/walkthroughs/deploy/ruby/ownserver/nginx/oss/xenial/deploy_app.html>

ssh [shimul@175.29.189.243](mailto:shimul@175.29.189.243)

sudo adduser mailadmin

sudo passwd mailadmin

Set Password 1234@sodms

ssh-keygen

sudo mkdir -p ~mailadmin/.ssh

touch $HOME/.ssh/authorized\_keys

sudo sh -c "cat $HOME/.ssh/authorized\_keys >> ~mailadmin/.ssh/authorized\_keys"

sudo chown -R mailadmin: ~mailadmin/.ssh

sudo chmod 700 ~mailadmin/.ssh

sudo sh -c "chmod 600 ~mailadmin/.ssh/\*"

### 1.3 Install Git on the server

Copy$ sudo apt-get install -y git

### Setting up a basic directory structure

sudo mkdir -p /var/www/sodmsmailer/shared

sudo chown mailadmin: /var/www/sodmsmailer/ /var/www/sodmsmailer/shared/