# Steps to host the given Ruby application on cloud

## Create EC2 instance in AWS

<https://aws.amazon.com/console/>

#Launch instance

AMI - **Amazon Linux AMI 2018.03.0 (HVM), SSD Volume Type** - ami-0928886deb619d16f

Enable **Auto-assign Public IP**

**Enable termination protection**

Configure Security group

Modily rule to restrict port 22 (SSH) to MY IP

Add rules to open 3000 port to all

A screenshot of a cell phone

Description automatically generated

#Connect to instance using SSH

**#Docker installation**

sudo yum update -y

sudo yum install docker -y

sudo service docker start

sudo usermod -a -G docker ec2-user

(exit & re-login for usermod changes to reflect)

**#docker compose installation**

sudo curl -L "https://github.com/docker/compose/releases/download/1.26.2/docker-compose-$(uname -s)-$(uname -m)" -o /usr/local/bin/docker-compose

sudo chmod +x /usr/local/bin/docker-compose

**# Install git**

sudo yum install git -y

#Pull github repos code

mkdir wrk

cd wrk

git init

git clone <https://github.com/vdoraira/ror>

docker-compose build

docker-compose up

# Create DB from another command prompt as above command will start docker container and run in interactive mode

docker-compose run web rake db:create

Ruby application is running on IP address 3.8.94.216. (port 3000)

A picture containing screenshot

Description automatically generated

# Issues faced and learnings

## Installation of wrong Yarn

=> Run `rails server --help` for more startup options

web\_1 | Usage: yarn [options]

web\_1 |

web\_1 | yarn: error: no such option: --integrity

web\_1 |

https://github.com/Joystream/helpdesk/issues/16

## Wrong database configuration

PG::ConnectionBad: could not connect to server: Connection refused

Hostname in database.yml should be the name of the container and not localhost

# Scope for improvement

Tried adding below commands to User data of AWS EC2 instance. However it’s not working. Need to debug further

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