

Homework_Lesson_27


1. Настройте виртуальную машину AWS/GCP

```
alexmtsllearn@ubu:~$ hostnamectl
  Static hostname: (unset)
  Transient hostname: ubu.us-central1-c.c.ordinal-stone-450713-n3.internal
    Icon name: computer-vm
    Chassis: vm
    Machine ID: ed9cf23667244ce894caec816425aa34
    Boot ID: 01da658757f24207a3ad3ed2f2d85a78
  Virtualization: google
  Operating System: Ubuntu 24.10
    Kernel: Linux 6.11.0-1006-gcp
    Architecture: x86-64
    Hardware Vendor: Google
    Hardware Model: Google Compute Engine
  Firmware Version: Google
    Firmware Date: Fri 2024-12-27
    Firmware Age: 1month 2w 4d
```

2. Запустите на ней Jenkins через docker compose up -d. Можно использовать вот этот репозиторий.

```
alexmtsllearn@ubu:~$ sudo docker-compose up -d
WARN[0001] /home/alexmtsllearn/jenkins/docker-compose.yml: the attribute `version` is obsolete, it will be ignored, please remove it to avoid potential confusion
[+] Running 13/13
 ✓ jenkins Pulled 14.8s
 ✓ fd0410a2d1ae Pull complete 6.3s
 ✓ c9f80fa55405 Pull complete 10.7s
 ✓ 3ec6a449b74c Pull complete 10.9s
 ✓ 08ea8cf163a9 Pull complete 10.9s
 ✓ 2ad88c91ada0 Pull complete 11.0s
 ✓ e65980802a8b Pull complete 12.1s
 ✓ 3ce65dea200b Pull complete 12.1s
 ✓ 1914a377e2cd Pull complete 12.2s
 ✓ d22f5d892926 Pull complete 13.6s
 ✓ bc883a41cdf5 Pull complete 13.6s
 ✓ 72a97569acd6 Pull complete 13.8s
 ✓ d537f36d2fc2 Pull complete 13.9s
[+] Running 3/3
 ✓ Network jenkins_default Created 0.2s
 ✓ Volume "jenkins_jenkins_home" Created 0.0s
 ✓ Container jenkins Started 2.8s
```

← → ↻ Не защищено 34.55.10.199:8080

 **Jenkins** 🔍

Dashboard >

+ Создать Item

📁 История сборок

⚙️ Настроить Jenkins

📌 My Views

Очередь сборок ▼

Очередь сборок пуста

Состояние сборщиков 0/2 ▼

Добро пожаловать в Jenkins!

This page is where your Jenkins jobs will be displayed. To get started, you can set up distributed builds or start building a software project.

Start building your software project

Create a job +

Set up a distributed build

Set up an agent 🖥️

Configure a cloud ☁️


Learn more about distributed builds ?


3. Проверьте правильность настройки с помощью hello world.

Dashboard > HelloWorld > #2


 Status

 Changes


 Console Output


 Edit Build Information

 Timings


 Pipeline Overview

 Pipeline Console


 Thread Dump

 Pause/resume

 Replay

 Pipeline Steps

 Workspaces

4.  Previous Build

Вывод на консоль

```
Started by user sttewie
[Pipeline] Start of Pipeline
[Pipeline] node
Running on Jenkins in /var/jenkins_home/workspace/HelloWorld
[Pipeline] {
[Pipeline] stage
[Pipeline] { (Build)
[Pipeline] script
[Pipeline] {
[Pipeline] echo
Hello, World!
[Pipeline] }
[Pipeline] // script
[Pipeline] }
[Pipeline] // stage
[Pipeline] }
[Pipeline] // node
[Pipeline] End of Pipeline
Finished: SUCCESS
```

4.* Напишите terraform конфиг, который будет создавать вашу инфраструктуру для Jenkins.