**Docker 方式安装 Artifactory 单点**

**提示：请使用 Docker 20.10.10 及以上版本**

**1. 下载镜像**

以 7.71.11 版本为例:

| docker pull releases-docker.jfrog.io/jfrog/artifactory-pro:7.71.11 |
| --- |

**2. 创建安装目录，并解压安装包**

(安装路径以 /root/jfrog/ 为例)

| $ mkdir /root/jfrog  $ mkdir -p /root/jfrog/artifactory/var/etc/  $ touch /root/jfrog/artifactory/var/etc/system.yaml  $ chown -R 1030:1030 /root/jfrog/artifactory/var |
| --- |

**3.配置数据库**

(可选。以 MySQL 为例, 其他配置参考 [**《Artifactory 安装 - 数据库配置》**](https://www.jfrogchina.com/docs/artifactory-install-db/))

如当前没有数据库，通过如下语句创建：

| CREATE DATABASE artdb CHARACTER SET utf8 COLLATE utf8\_bin;  CREATE USER 'artifactory'@'%' IDENTIFIED BY 'password';  GRANT ALL on artdb.\* TO 'artifactory'@'%';  FLUSH PRIVILEGES;exit |
| --- |

下载 MySQL jdbc jar 包，并拷贝至 /root/jfrog/artifactory/var/bootstrap/artifactory/tomcat/lib/:

(下载地址：<https://dev.mysql.com/downloads/connector/j/>), 如：

| $ wget <https://downloads.mysql.com/archives/get/p/3/file/mysql-connector-java-8.0.13.tar.gz>  $ tar zxf mysql-connector-java-8.0.13.tar.gz  $ mkdir -p /root/jfrog/artifactory/var/bootstrap/artifactory/tomcat/lib/  $ cp mysql-connector-java-8.0.13/mysql-connector-java-8.0.13.jar /root/jfrog/artifactory/var/bootstrap/artifactory/tomcat/lib/  $ chown -R 1030:1030 /root/jfrog/artifactory/var |
| --- |

修改数据库配置：

编辑配置文件 /root/jfrog/artifactory/var/etc/system.yaml, 添加 database 部分，完整示例如下:

| configVersion: 1  shared:  node:  id: "art1"  ip: "192.168.56.13"  database:  type: mysql  driver: com.mysql.jdbc.Driver  url: "jdbc:mysql://**192.168.56.13:3306**/**artdb**?characterEncoding=UTF-8&elideSetAutoCommits=true&useSSL=false"  username: **artifactory**  password: **password** |
| --- |

说明：

shared.node.id: 自定义，如 art1, art2…

shared.node.ip: 本机 IP, 如 192.168.56.13

**4. 配置存储**

(可选。以 本地存储 为例, 如不配置，默认存储在持久化目录 /root/jfrog/artifactory/var/data/artifactory/filestore/，其他存储方式请参考[**《Artifactory 安装 - 存储配置》**](https://www.jfrogchina.com/docs/artifactory-install/))

创建目录及文件:

| $ mkdir -p /root/jfrog/artifactory/var/etc/artifactory/  $ touch /root/jfrog/artifactory/var/etc/artifactory/binarystore.xml  $ chown -R 1030:1030 /root/jfrog/artifactory/var |
| --- |

编辑配置文件 /root/jfrog/artifactory/var/etc/artifactory/binarystore.xml, 添加以下部分:

| <?xml version="1.0" encoding="UTF-8"?>  <config version="1">  <chain template="file-system"/>  <provider id="file-system" type="file-system">  <fileStoreDir>**/var/opt/jfrog/artifactory/data/artifactory/filestore**</fileStoreDir>  </provider>  </config> |
| --- |

说明：

fileStoreDir: 二进制文件存储目录, 可自定义。注意，自定义路径需使用 -v 参数挂载，并授权，chown -R 1030:1030 /your\_path/

**5. 安装并启动**

(以 Artifactory 7.71.11 为例)

| docker run --name artifactory -v /root/jfrog/artifactory/var/:/var/opt/jfrog/artifactory -d -p 8081:8081 -p 8082:8082 releases-docker.jfrog.io/jfrog/artifactory-pro:7.71.11 |
| --- |

**6. 检查日志**

| docker logs -f artifactory |
| --- |

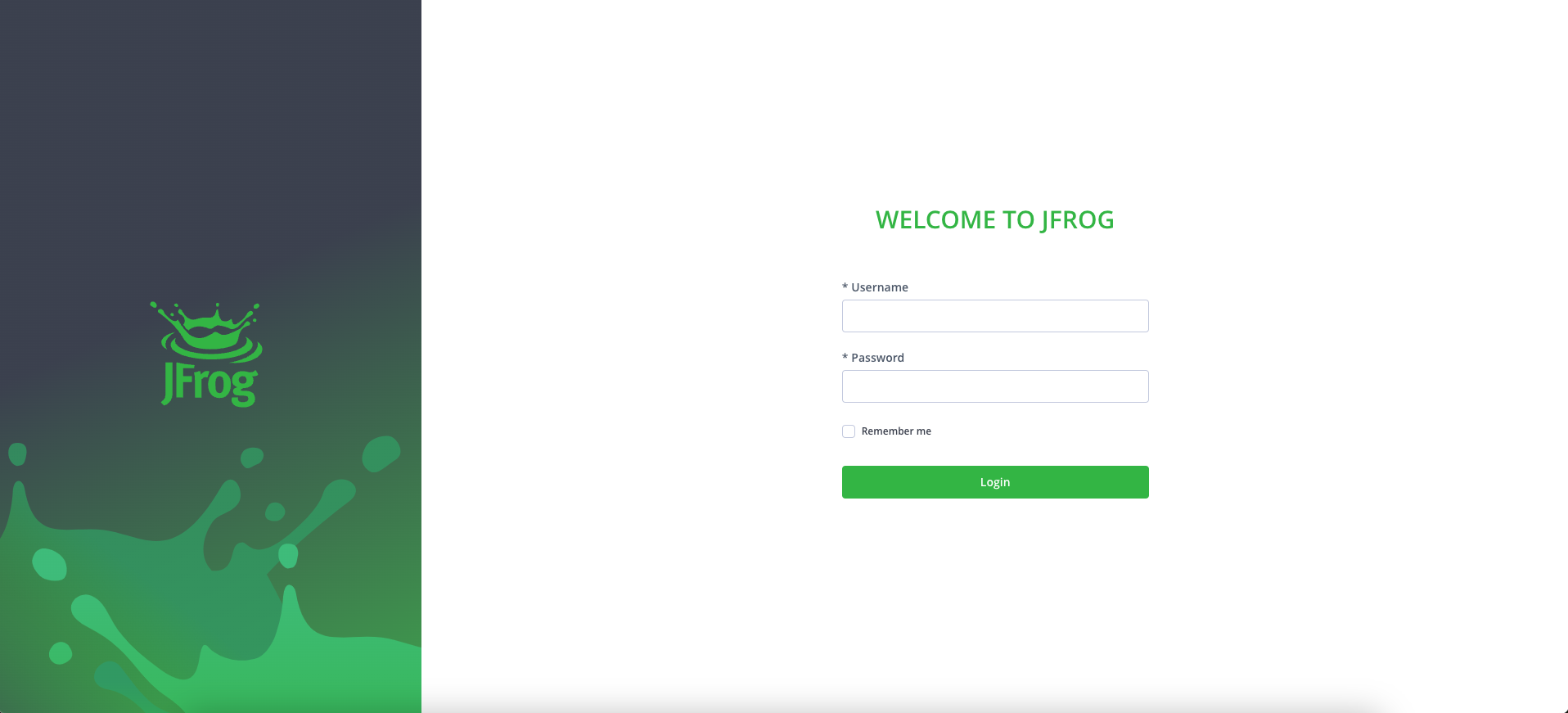
日志有如下输出，启动成功：

| ###############################################################  ### All services started successfully in 50.958 seconds ###  ############################################################### |
| --- |

**7. 访问页面**

<http://192.168.56.13:8082>

默认用户名密码: admin/password



提示：

进入页面后需填写 License，您可联系 JFrog 商务以获取。