

WANFi Control and Billing System

准备工作

- 硬件要求

```
CPU:      >= 4 core
Memory: >= 16GiB
Storage:
  OS:      >= 50GiB
  /opt/wfc: >= 50GiB  # work and database storage
  /var/lib/docker: >= 50GiB
```

- 系统环境

```
Linux >= Ubuntu 22.04
JDK >= 1.8 (Recommended version 1.8) (用于Omada SDN Controller)
docker >= 24.0.7, build 24.0.7-0ubuntu2~22.04.1
docker-compose >= 1.29.2
```

- 安装docker和docker-compose

```
sudo apt update
sudo apt upgrade
sudo apt install docker
sudo curl -L
"https://github.com/docker/compose/releases/download/1.29.2/docker-
compose-$(uname -s)-$(uname -m)" -o /usr/local/bin/docker-compose
sudo chmod +x /usr/local/bin/docker-compose
```

- 请确认docker和docker-compose的版本是否符合要求

```
docker -v
docker-compose -v
```

获取安装包

安装包名：wfc-1.0.2-20241212.tar.gz 说明：

- 版本号：1.0.2
- 构建日期：20241212

安装和配置软件

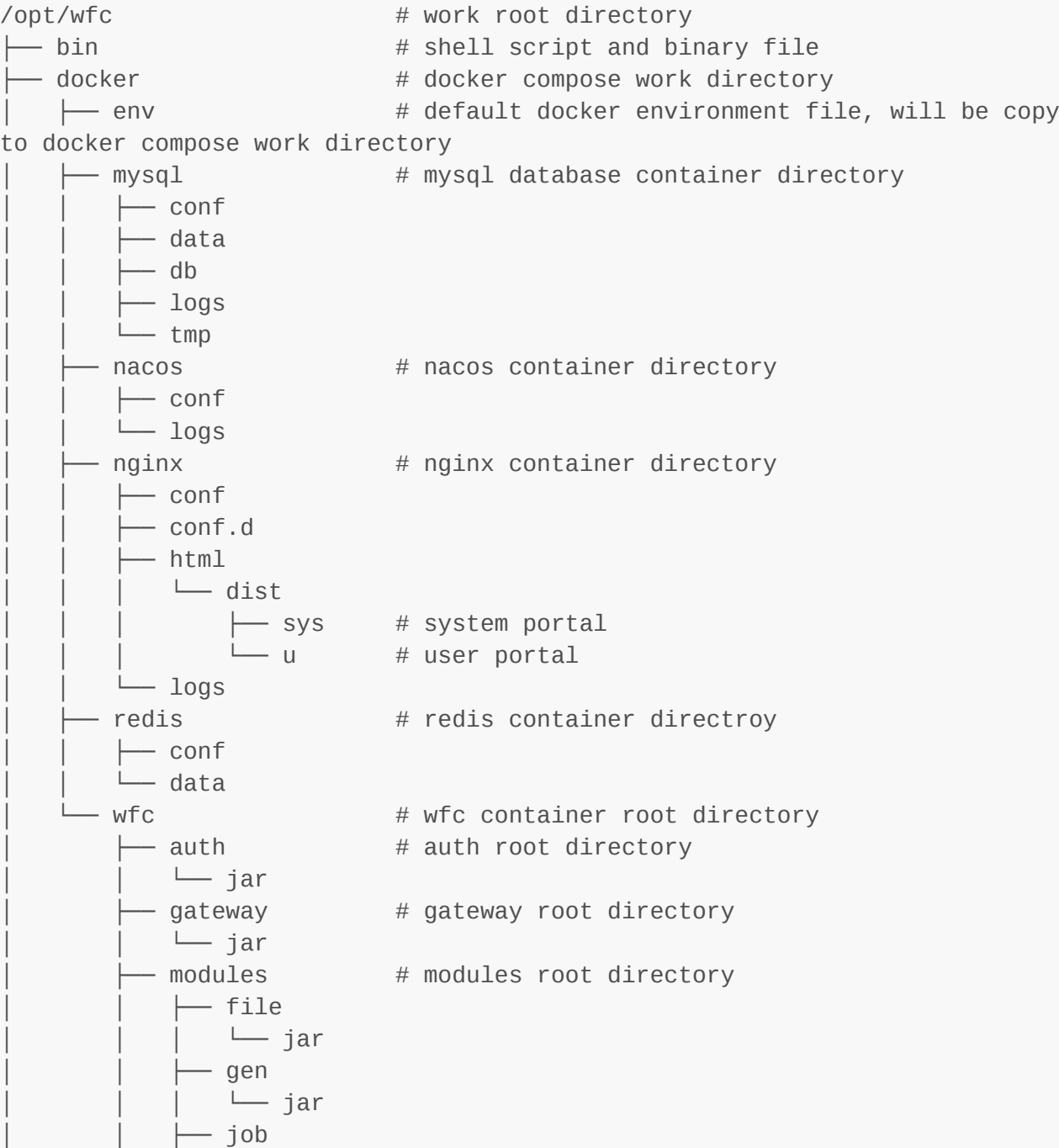
- 创建安装目录

```
sudo mkdir /opt/wfc
```

- 解压软件包至安装目录

```
sudo tar xvfz wfc-1.0.2-20241212.tar.gz -C /opt/wfc
```

- 安装后目录树



```

├── jar
│   ├── payment
│   │   └── jar
│   ├── system
│   │   └── jar
│   ├── user
│   │   └── jar
│   └── upload          # file upload directory
├── visual
│   └── monitor
│       └── jar
└── systemd              # system service daemon file , will be copy to
    └── /etc/systemd/system
        └── system

```

- 配置软件

```

cd /opt/wfc/bin
sudo ./wfcsetup.sh all 192.168.13.128    # 参数2是宿主机IP地址

```

- 修改docker环境参数

根据实际情况修改如下环境参数配置(*IP地址已经在上面配置过程被替换)：

```

cd /opt/wfc/docker
cat .env
MYSQL_ROOT_PASSWORD=123456
MYSQL_DATABASE=wfc_system_db
WFC_CONFIG_DATABASE=wfc_config_db
WFC_SYSTEM_DATABASE=wfc_system_db
WFC_USER_DATABASE=wfc_user_db
MYSQL_USER=mysql
MYSQL_PASSWORD=
NACOS_SERVER_ADDR=192.168.13.128:8848
NACOS_NAME_SPACE=wfc-prod
GATEWAY_ADDR=192.168.13.128:8080

```

- 启动/查看/停止/版本软件

```

cd /opt/wfc/bin
sudo ./wfccontrol.sh start/restart/status/stop/version

```

通过浏览器访问客户平台和用户平台

- 客户平台门户地址：

```
http://192.168.13.128/sys
```

- 用户平台门户地址：

```
http://192.168.13.128/u
```