

YSSIM 安装手册

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1 . 设备硬件需求

安装之前请确保服务器上至少有 100 个 G 的硬盘剩余空间, 16G 以上的内存空间, 4 核心以上 cpu

2 . 安装

1. 将 yssimProject 压缩包使用拥有 root 权限的非 root 账号上传至服务器目录

```
[root@localhost home]# ls
songyi yssimProject.tar.gz
[root@localhost home]#
```

2. 使用 `sudo tar -zxvf yssimProject.tar.gz` 命令解压后进入文件夹

```
[root@localhost home]# sudo tar -zxvf yssimProject.tar.gz
[root@localhost home]# ll
total 3222716
drwx-----. 15 1000 songyi      4096 Jun 29 22:30 songyi
drwxr-xr-x.   5 1000 songyi      4096 Jun 19 23:31 yssimProject
-rw-r--r--.   1 root songyi 3300052101 Jun 28 22:18 yssimProject.tar.gz
[root@localhost home]# cd yssimProject/
[root@localhost yssimProject]# ll
total 28
-rwxr-xr-x.   1 1000 songyi   553 Jun 24 01:25 centos-docker-install.sh
drwxr-xr-x.   2 1000 songyi  4096 Jun 17 03:57 images
-rwxr-xr-x.   1 1000 songyi   213 Jun 17 00:05 install.sh
-rwxr-xr-x.   1 1000 songyi   520 Jun 17 04:22 loadImages.sh
drwxr-xr-x.  11 1000 songyi  4096 Jun 27 03:00 simtek
-rwxr-xr-x.   1 1000 songyi   737 Jun 24 01:32 ubuntu-docker-install.sh
drwxr-xr-x.  15 1000 songyi  4096 Jun 17 03:26 yssim
[root@localhost yssimProject]#
```

3. 如果服务器未安装 docker 服务, 运行服务器相应版本的 `docker-install.sh` 即可

```
[root@localhost yssimProject]# ./centos-docker-install.sh
Total 6.1 MB/s | 97 MB 00:00
Running transaction check
Running transaction test
Transaction test succeeded
Running transaction
Installing : 1:docker-ce-cli-20.10.17-3.el7.x86_64
Installing : docker-scan-plugin-0.17.0-3.el7.x86_64
Installing : containerd.io-1.6.6-3.1.el7.x86_64
Installing : docker-ce-rootless-extras-20.10.17-3.el7.x86_64
Installing : 3:docker-ce-20.10.17-3.el7.x86_64
Verifying : containerd.io-1.6.6-3.1.el7.x86_64
Verifying : docker-scan-plugin-0.17.0-3.el7.x86_64
Verifying : docker-ce-rootless-extras-20.10.17-3.el7.x86_64
Verifying : 1:docker-ce-cli-20.10.17-3.el7.x86_64
Verifying : 3:docker-ce-20.10.17-3.el7.x86_64
Installed:
containerd.io.x86_64 0:1.6.6-3.1.el7          docker-ce.x86_64 3:20.10.17-3.el7          docker-ce-cli.x86_64 1:20.10.17-3.el7
Dependency Installed:
docker-ce-rootless-extras.x86_64 0:20.10.17-3.el7          docker-scan-plugin.x86_64 0:0.17.0-3.el7
Complete!
Created symlink from /etc/systemd/system/multi-user.target.wants/docker.service to /usr/lib/systemd/system/docker.service.
```

4. 运行 `install.sh` 文件进行导入镜像、安装服务

```
[root@localhost yssimProject]# ./install.sh
```

常见问题解决:

```
sudo: docker-compose: command not found
sudo: docker-compose: command not found
```

执行以下四条命令：

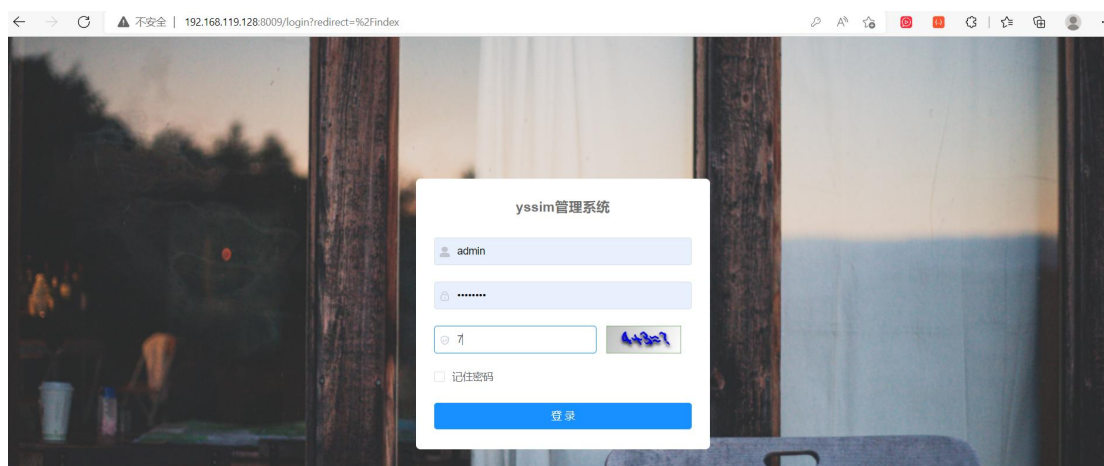
```
[root@localhost yssimProject]# cd yssim/docker
[root@localhost docker]# docker-compose up -d
Creating yssim-notice ... done
Creating yssim-zookeeper ... done
Creating docker-service ... done
Creating yssim-kafka ... done
Creating yssim-Jmodelica ... done
[root@localhost docker]# cd ../../simtek
[root@localhost simtek]# docker-compose up -d
```

5、查看服务启动情况

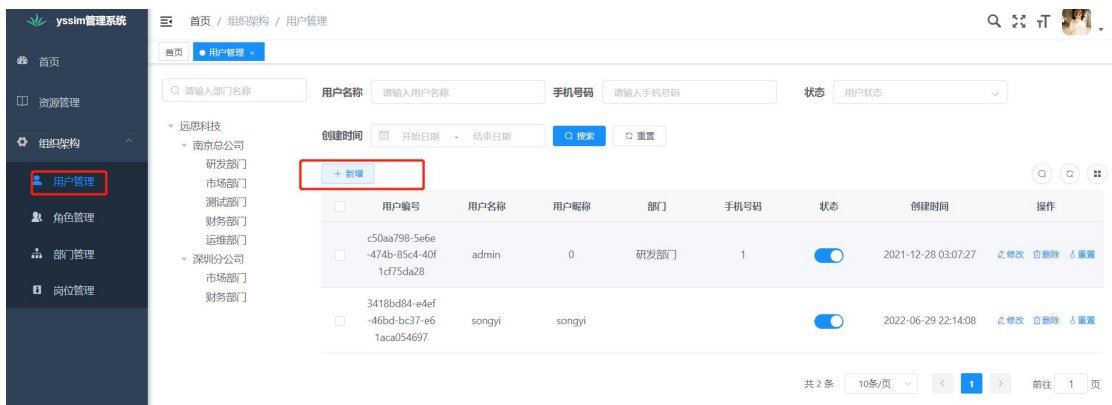
```
[root@localhost simtek]# docker ps
CONTAINER ID   IMAGE                                COMMAND                  CREATED        STATUS        PORTS
d9bf360573a5   simtek_auth                        "sh check_nacos.sh"    15 minutes ago Up 15 minutes 0.0.0.0:9203->9203/tcp, :
9203/tcp
f24cacfece87   simtek_gateway                    "sh check_nacos.sh"    15 minutes ago Up 15 minutes 0.0.0.0:8080->8080/tcp, :
8080/tcp
d4e7a9eafaf    simtek_system                     "sh check_nacos.sh"    15 minutes ago Up 15 minutes 0.0.0.0:9201->9201/tcp, :
9201/tcp
81e825c85628   simtek_nacos                       "java -jar -Dnacos.s..." 15 minutes ago Up 15 minutes 0.0.0.0:8848->8848/tcp, :
8848/tcp
ca75a986a16d   nginx:latest                      "/docker-entrypoint.s..." 15 minutes ago Up 15 minutes 0.0.0.0:7890->80/tcp, :
7890/tcp
a08071fe88d4   redis:latest                      "docker-entrypoint.s..." 15 minutes ago Up 15 minutes 0.0.0.0:6379->6379/tcp, :
6379/tcp
74dfa40b6f35   mysql:8.0.23                      "docker-entrypoint.s..." 15 minutes ago Up 15 minutes 33060/tcp, 0.0.0.0:3307->
3307/tcp
b5fe0a7963c7   nginx:latest                      "/docker-entrypoint.s..." 15 minutes ago Up 15 minutes 0.0.0.0:8009->80/tcp, :
8009/tcp
a46603af755f   mihoutao/jmodelica:v2.3          "/usr/bin/supervisor..." 16 minutes ago Up 16 minutes 22/tcp, 56789/tcp
4aac70c8b430   bitnami/kafka:3.1                "/opt/bitnami/script..." 16 minutes ago Up 15 minutes 0.0.0.0:9092->9092/tcp, :
9092/tcp
bacd95722e04   docker-service:v1.0              "/docker-service"        16 minutes ago Up 16 minutes 36790/tcp
27ebd7ba3c08   bitnami/zookeeper:3.8            "/opt/bitnami/script..." 16 minutes ago Up 16 minutes 2181/tcp, 2888/tcp, 3888/
0/tcp
a02142951f19   notice:v1.0                      "/main"                  16 minutes ago Up 16 minutes 0.0.0.0:5555->5555/tcp, :
5555/tcp
```

3 . 添加用户

1. 安装完毕后浏览器访问 <http://服务器 IP 地址:8009/>，进入资源管理后台；
 - a) 账号：admin
 - b) 密码：admin123



2. 左侧进入组织架构、用户管理栏，点击新增，输入昵称，用户名，密码后点击确定，



添加用户

* 用户昵称: 归属部门:

手机号码: 邮箱:

* 用户名称: * 用户密码:

用户性别: 状态: ☒ 正常 ☐ 停用

岗位: 角色:

备注:

3. 左侧进入资源管理页面，找到刚刚新增的用户名，点击启动，启动用户的服务



4. 服务启动成功后浏览器访问 <http://服务器 IP 地址:7890/#/> 登录 yssim 页面进行使用

添加用户的详细操作步骤可在用户手册系统管理章节