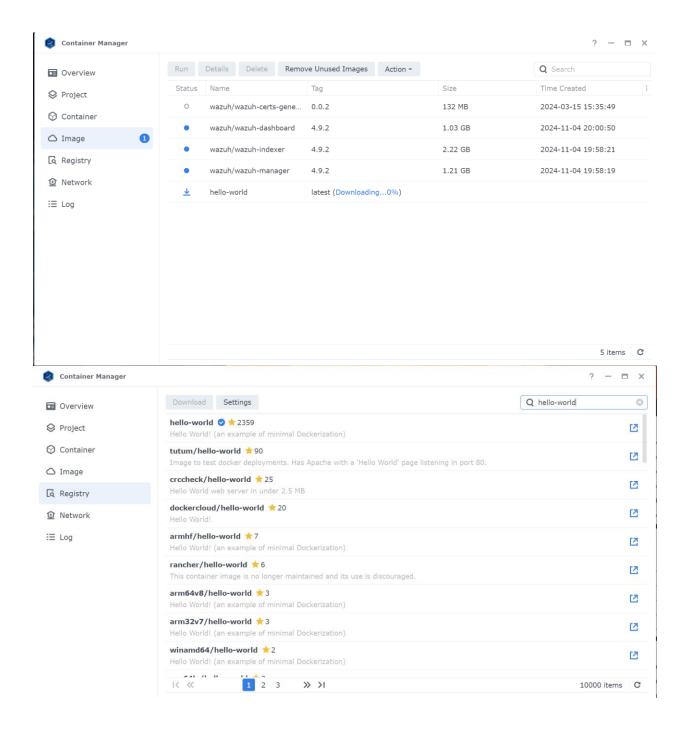
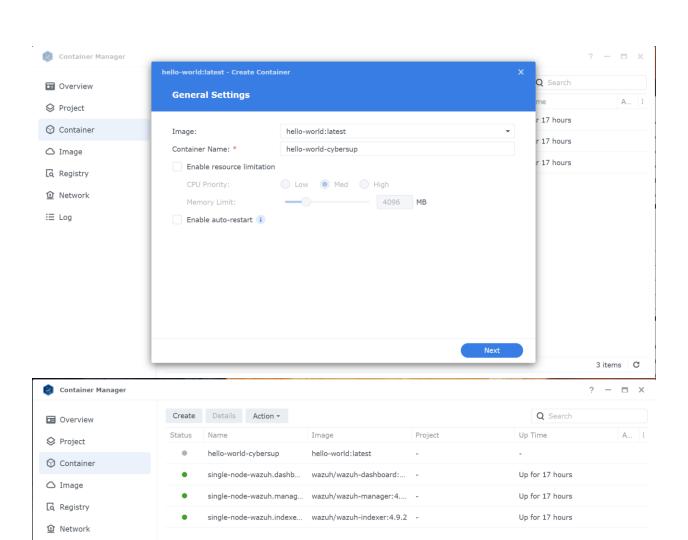
DOCKER PROJECT

JOB 1

I'll be using a synology nas

JOB 2





4 items C

∷ Log

```
Laurob_admin@SYN0L0GY:/volume1/docker/cybersup$ mkdir job-3.hello-world
Laurob_admin@SYN0L0GY:/volume1/docker/cybersup$ cd job-3.hello-world/
Laurob_admin@SYN0L0GY:/volume1/docker/cybersup/job-3.hello-world$ touch dockerfile
Laurob_admin@SYN0L0GY:/volume1/docker/cybersup/job-3.hello-world$ vi dockerfile
```

FROM debian:latest RUN echo "Hello, World!

```
Laurob_admin@SYNOLOGY:/volume1/docker/cybersup/job-3.hello-world$ sudo docker build -t job-3.hello-world .
Password:
Sending build context to Docker daemon 2.048kB
Step 1/2 : FROM debian:latest
latest: Pulling from library/debian
fdf894e782a2: Pull complete
Digest: sha256:17122fe3d66916e55c0cbd5bbf54bb3f87b3582f4d86a755a0fd3498d360f91b
Status: Downloaded newer image for debian:latest
---> ff869c3288a4
Step 2/2 : RUN echo "Hello, World!"
---> Running in 44042cd5db3a
Hello, World!
Removing intermediate container 44042cd5db3a
---> 1d91064dede1
Successfully built 1d91064dede1
Successfully tagged job-3.hello-world:latest
```

Laurob_admin@SYN0L0GY:/volume1/docker/cybersup/job-3.hello-world\$ sudo docker run job-3.hello-world

```
Laurob_admin@SYNOLOGY:/volume1/docker/cybersup/job-3.hello-world$ sudo docker ps -a
CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS

0952590a6c1a job-3.hello-world "bash" About a minute ago Exited (0) About a minute ago
beautiful_kepler
```

JOB 4

```
Laurob_admin@SYN0L0GY:/volume1/docker/cybersup$ mkdir job-4.ssh-server
Laurob admin@SYN0L0GY:/volume1/docker/cybersup$ cd job-4.ssh-server/
Laurob_admin@SYN0L0GY:/volume1/docker/cybersup/job-4.ssh-server$ cat <<EOF > Dockerfile
  FROM debian: latest
  RUN apt-get update && \\
       apt-get install -y openssh-server && \\
       echo 'root:root123' | chpasswd \&\& \\
       mkdir /var/run/sshd ፟፟፟፟፟፟፟፟፟ \\
       sed -i 's/#PermitRootLogin prohibit-password/PermitRootLogin yes/' /etc/ssh/sshd_config && \\
sed -i 's/#PasswordAuthentication yes/PasswordAuthentication yes/' /etc/ssh/sshd_config
  EXPOSE 2222
  CMD ["/usr/sbin/sshd", "-D"]
Laurob_admin@SYNOLOGY:/volume1/docker/cybersup/job-4.ssh-server$ cat Dockerfile
FROM debian:latest
RUN apt-get update && \
    apt-get install -y openssh-server && \ echo 'root:root123' | chpasswd && \
     mkdir /var/run/sshd ፟፟፟፟፟፟፟ ∖
    sed -i 's/#PermitRootLogin prohibit-password/PermitRootLogin yes/' /etc/ssh/sshd_config && \ sed -i 's/#PasswordAuthentication yes/PasswordAuthentication yes/' /etc/ssh/sshd_config
EXPOSE 2222
CMD ["/usr/sbin/sshd", "-D"]
Laurob_admin@SYN0L0GY:/volume1/docker/cybersup/job-4.ssh-server$
```

```
Laurob_admin@SYNOLOGY:/volume1/docker/cybersup/job-4.ssh-server$ sudo docker build -t job-4.ssh-server . Sending build context to Docker daemon 2.048kB
Step 1/4 : FROM debian:latest
---> ff869c3288a4
Step 2/4 : RUN and
Step 2/4: RUN apt-get update && apt-get install -y openssh-server && echo 'root:root123' | chpasswd && un/sshd && sed -i 's/#PermitRootLogin prohibit-password/PermitRootLogin yes/' /etc/ssh/sshd_config && sed dAuthentication yes/PasswordAuthentication yes/' /etc/ssh/sshd_config
                                                                                                                                         && mkdir /var/r
sed -i 's/#Passwor
---> Running in ef4e9b857023
Get:1 http://deb.debian.org/debian bookworm InRelease [151 kB]
  ---> Running in 383ecce4d706
Removing intermediate container 383ecce4d706
 ---> db5eaf5de64c
 Successfully built db5eaf5de64c
Successfully tagged job-4.ssh-server:latest
 Laurob_admin@SYNOLOGY:/volume1/docker/cybersup/job-4.ssh-server$ sudo docker run -d -p 2222:22 job-4.ssh-server
fb285a6441830804b408e4a5e1509c391677be8b4d034a30c48f3d7bb4fde8ee
Laurob_admin@SYN0L0GY:/volume1/docker/cybersup/job-4.ssh-server$ ssh root@localhost -p 2222 The authenticity of host '[localhost]:2222 ([127.0.0.1]:2222)' can't be established.
ECDSA key fingerprint is SHA256:0u0NxyGwPCs7lKJgFWC9QS4dBpZz5Cg1Pfzhpht6i4c.
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes Warning: Permanently added '[localhost]:2222' (ECDSA) to the list of known hosts.
root@localhost's password:
Linux fb285a644183 4.4.302+ #72806 SMP Thu Sep 5 13:41:01 CST 2024 x86 64
```

Debian GNU/Linux comes with ABSOLUTELY NO WARRANTY, to the extent permitted by applicable law. root@fb285a644183:~# ■

the exact distribution terms for each program are described in the

individual files in /usr/share/doc/*/copyright.

The programs included with the Debian GNU/Linux system are free software;

Laurob_admin@SYN0L0GY:/volume1/docker/cybersup/job-4.ssh-server\$ sudo vi ~/.profile

```
d() {
   docker "$@"
dps() {
   docker ps "$@"
dpsa() {
   docker ps -a "$@"
di() {
    docker images "$@"
db() {
   docker build "$@"
dr() {
   docker run "$@"
drm() {
   docker rm "$@"
drmi() {
   docker rmi "$@"
dexec() {
   docker exec "$@"
dstart() {
   docker start "$@"
dstop() {
   docker stop "$@"
dlogs() {
   docker logs "$@"
dlogsf() {
   docker logs -f "$@"
dcp() {
   docker cp "$@"
dnet() {
   docker network "$@"
dvol() {
   docker volume "$@"
dcom() {
   docker-compose "$@"
```