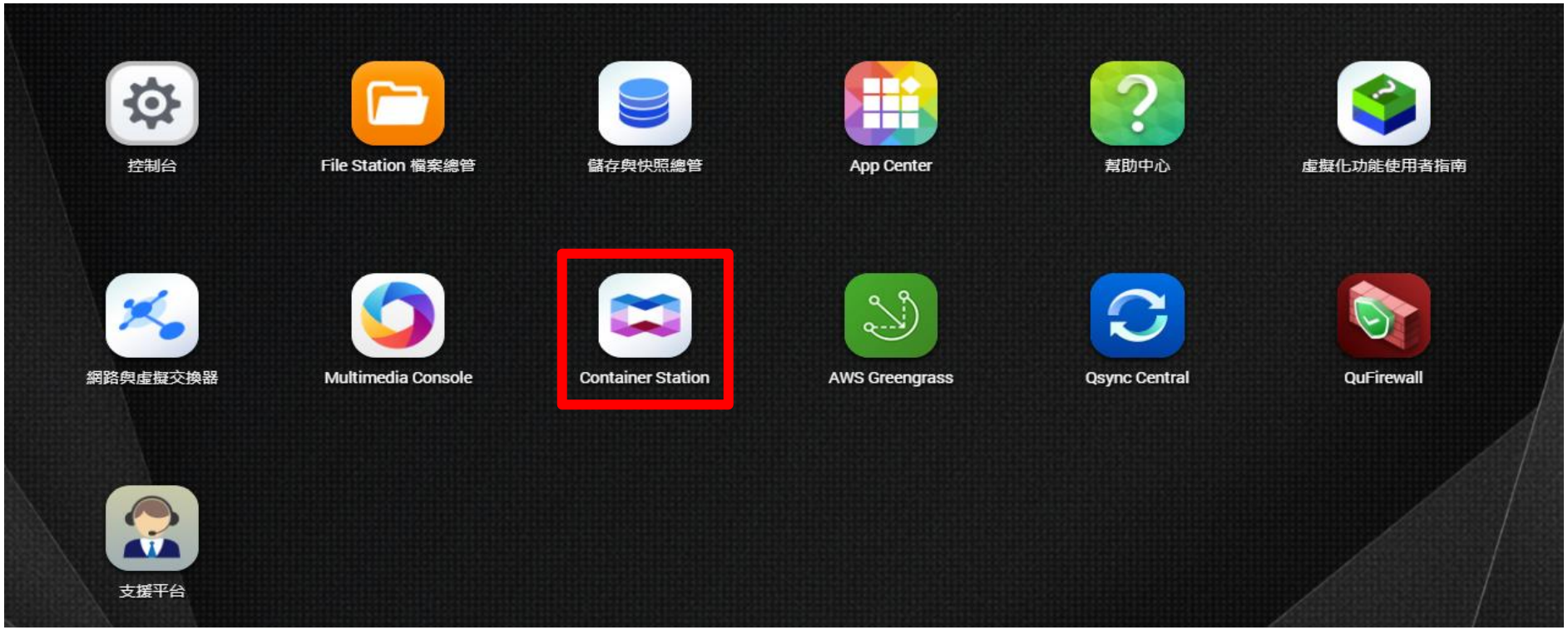
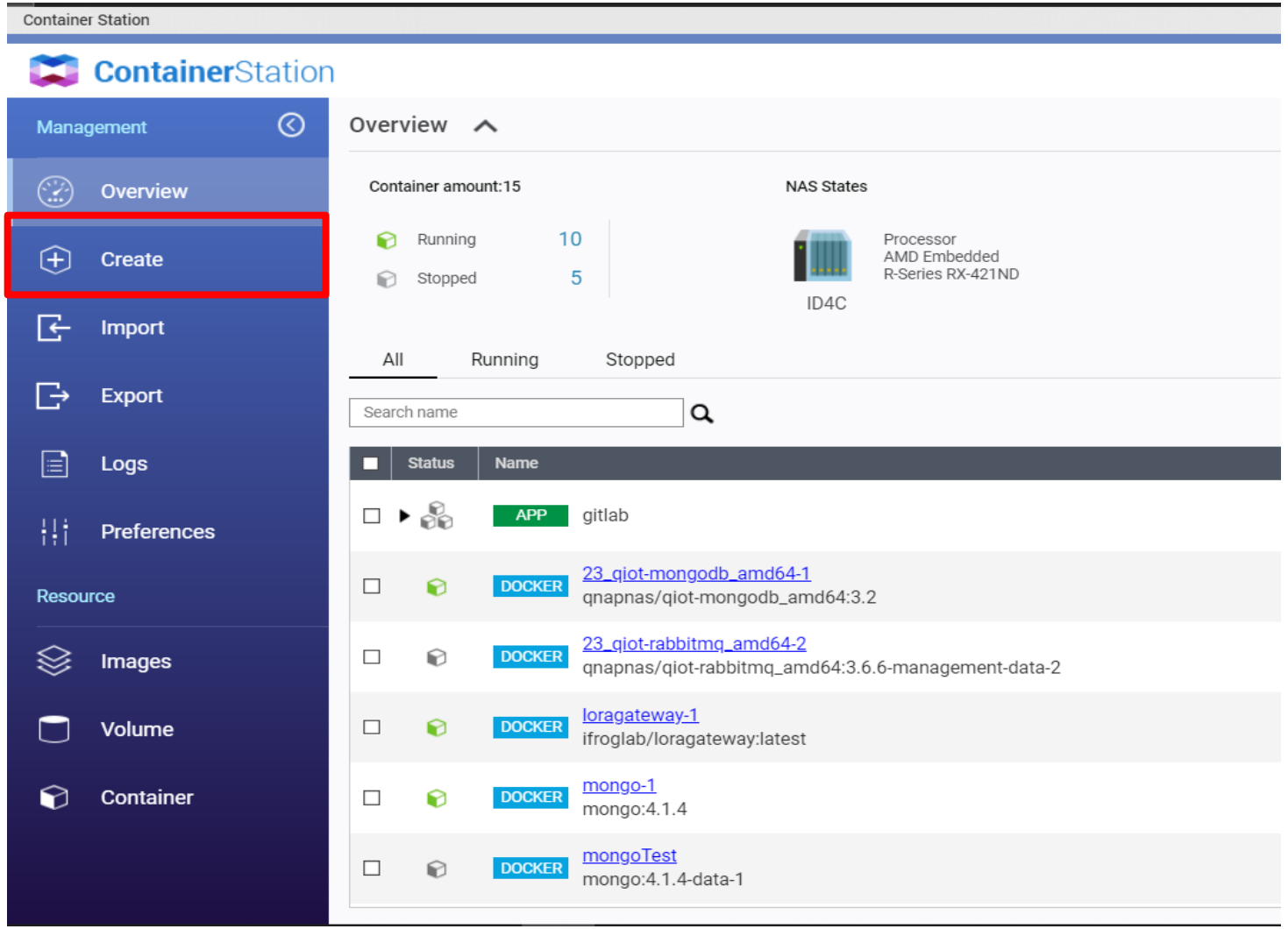
Set up and install MongoDB on QNAP NAS

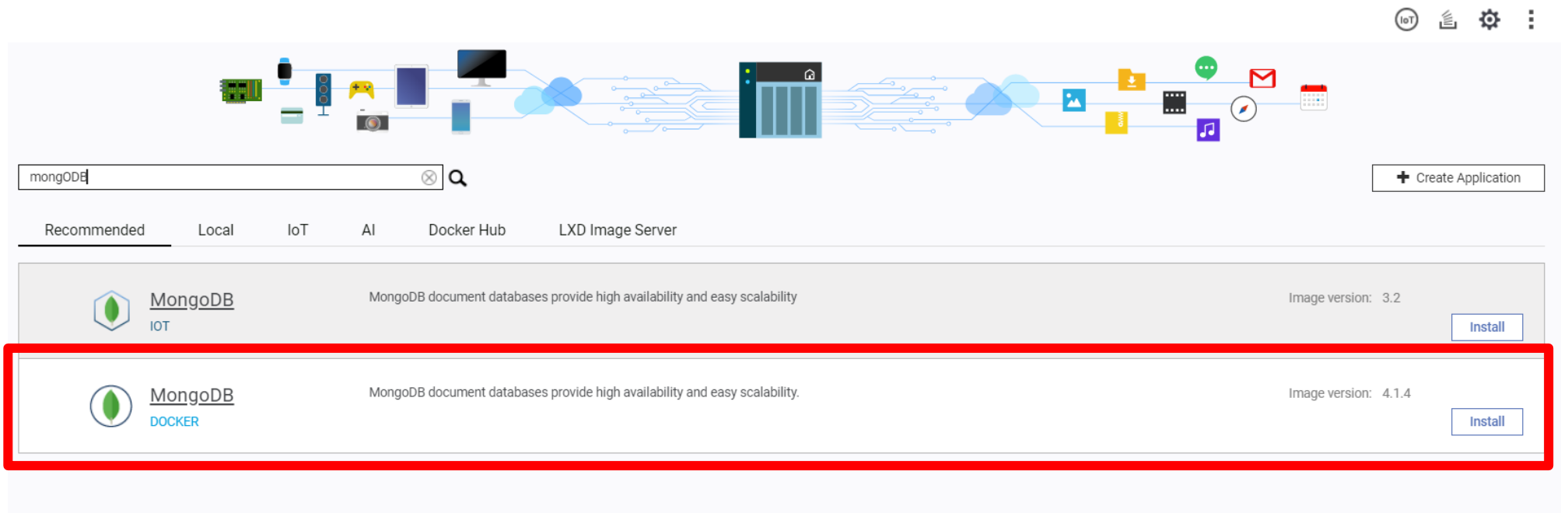
Open Container Station



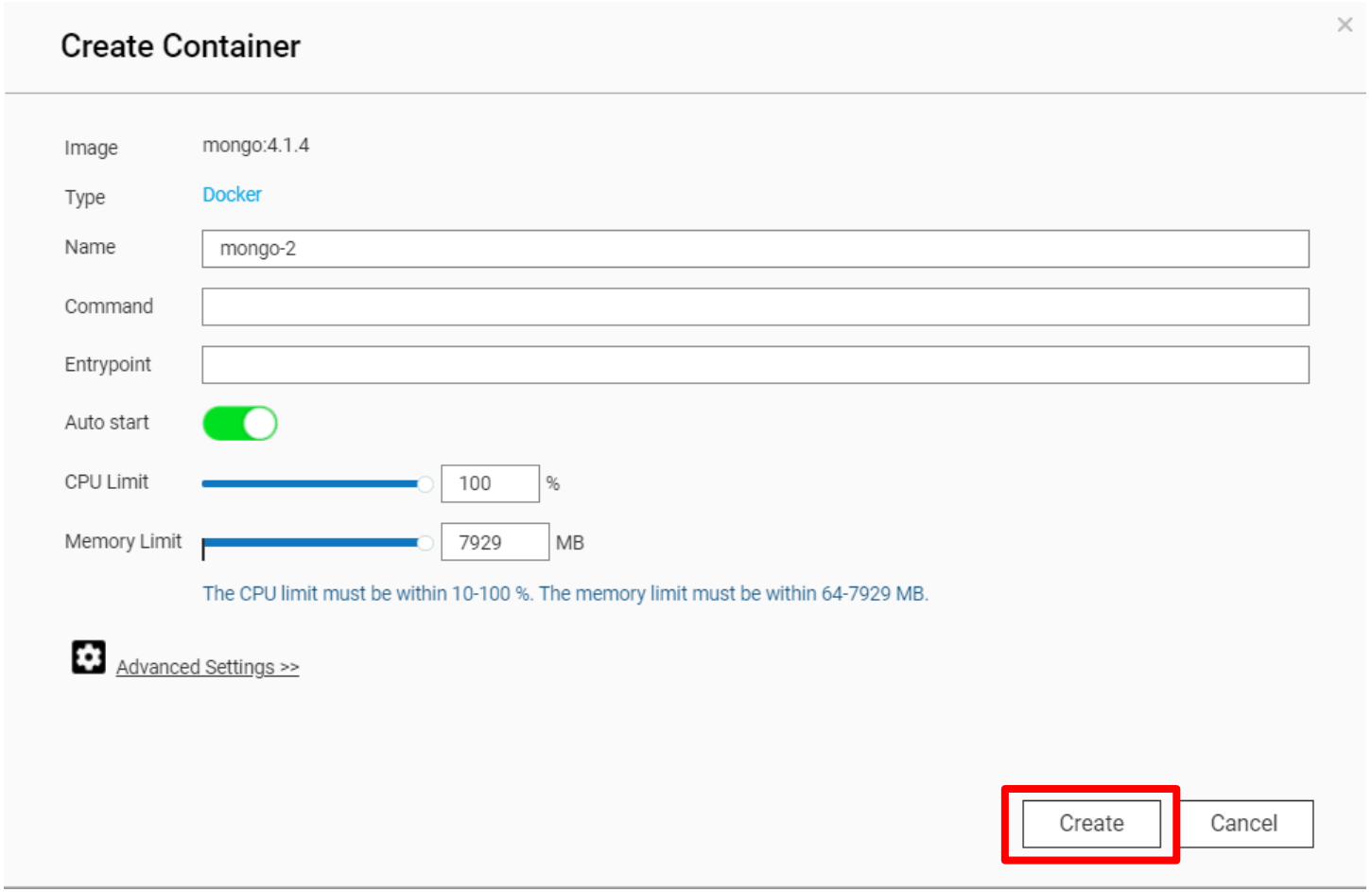
Click Create



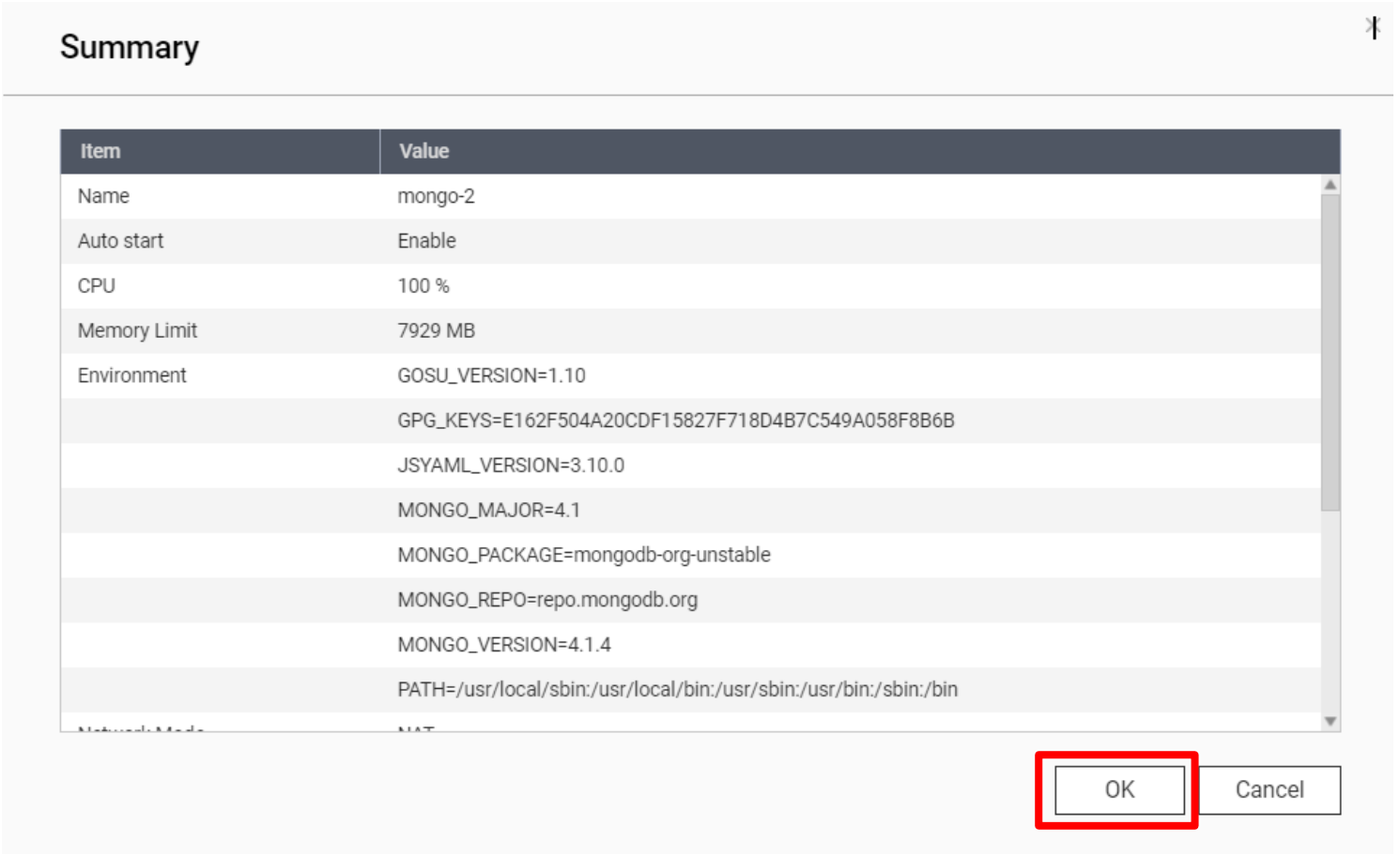
Search for MongoDB, select MongoDB DOCKER, click install



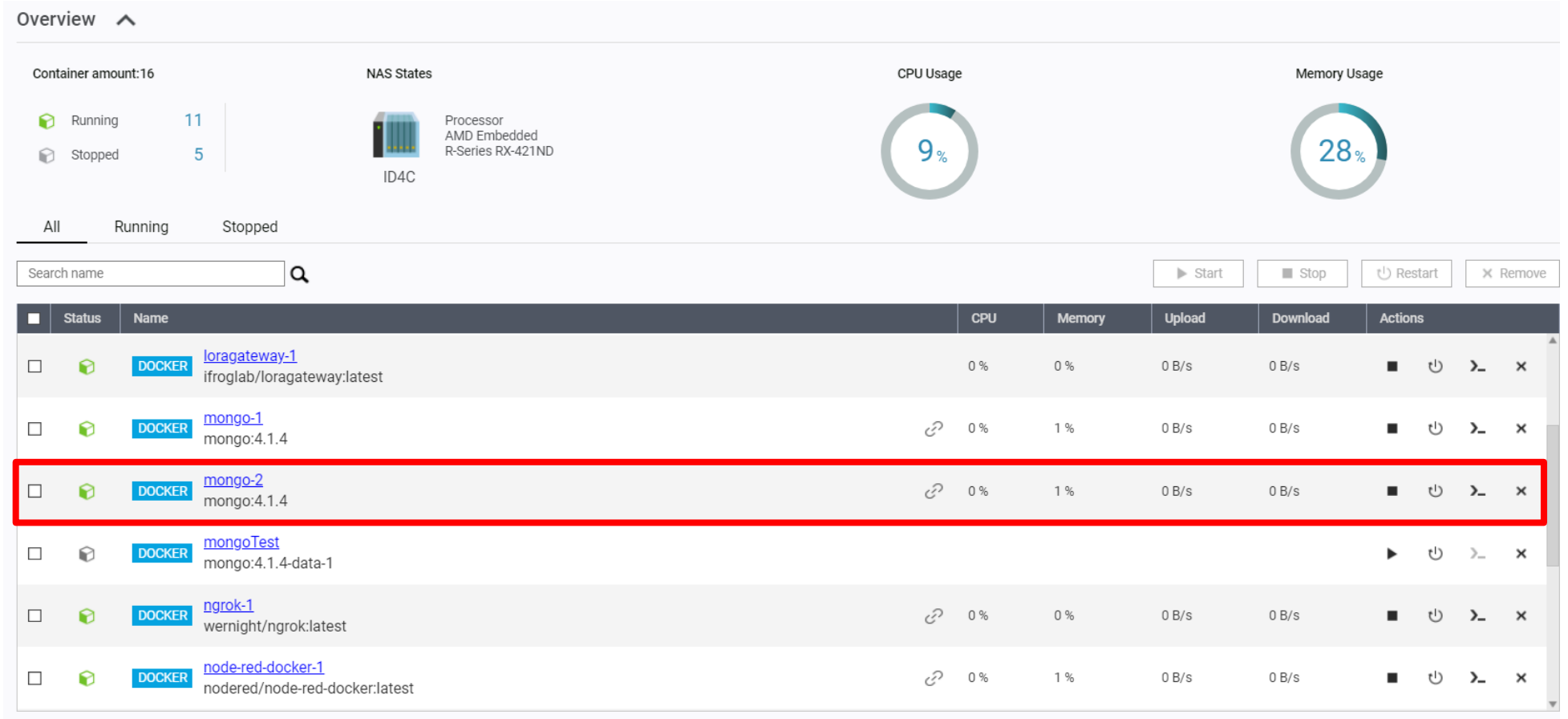
Click Create



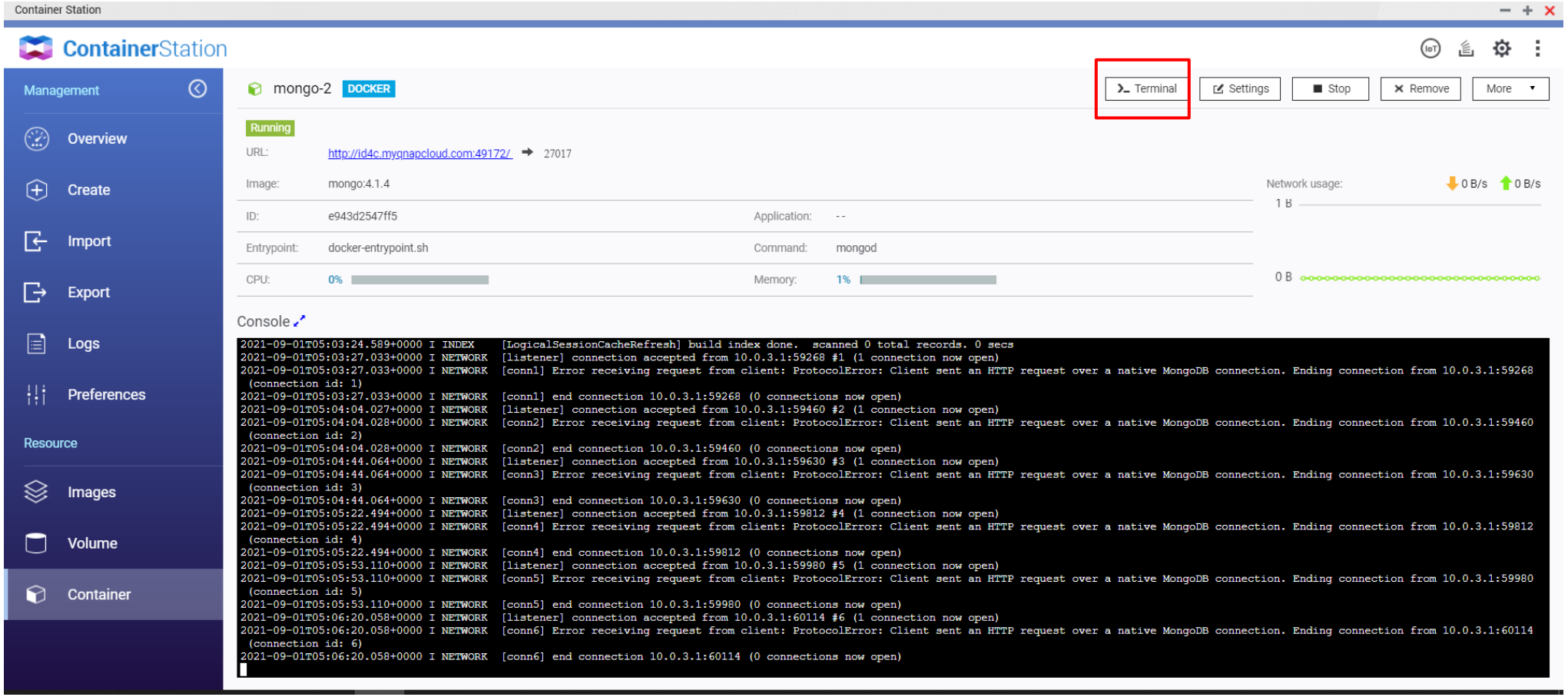
Click OK


Summary
Item
Value
Name
mongo-2
Auto start
Enable
CPU
100 %
Memory Limit
7929 MB
Environment
GOSU_VERSION=1.10
GPG_KEYS=E162F504A20CDF15827F718D4B7C549A058F8B6B
JSYAML_VERSION=3.10.0
MONGO_MAJOR=4.1
MONGO_PACKAGE=mongodb-org-unstable
MONGO_REPO=repo.mongodb.org
MONGO_VERSION=4.1.4
PATH=/usr/local/sbin:/usr/local/bin:/usr/sbin:/usr/bin:/sbin:/bin
OK
Cancel

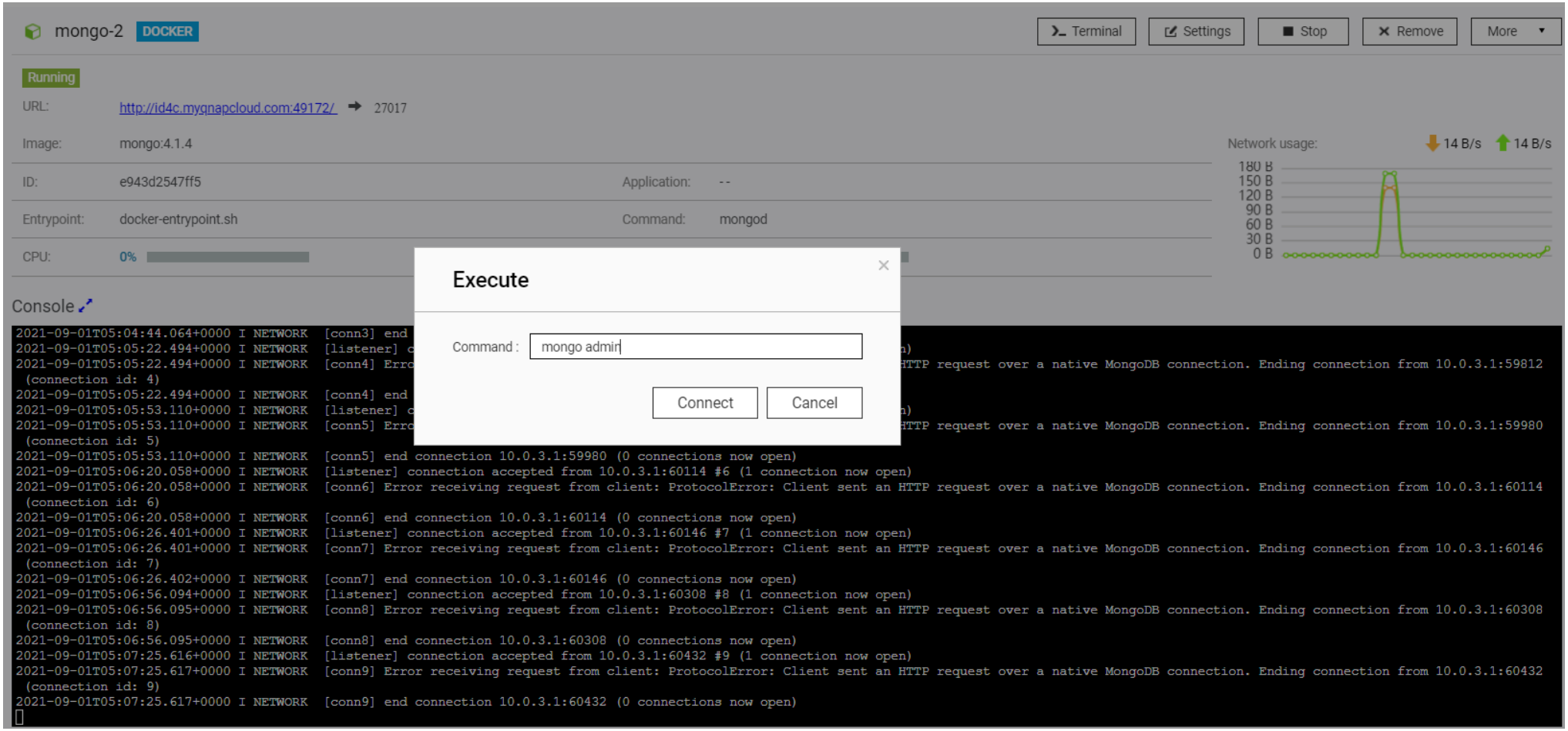
Open mongo-2


Overview
Container amount:16
Running 11
Stopped 5
NAS States
Processor
AMD Embedded
R-Series RX-421ND
ID4C
CPU Usage
9%
Memory Usage
28%
All
Running
Stopped
Search name
Start
Stop
Restart
Remove
Status
Name
CPU
Memory
Upload
Download
Actions
DOCKER loragateway-1 ifroglab/loragateway:latest 0 % 0 % 0 B/s 0 B/s
DOCKER mongo-1 mongo:4.1.4 0 % 1 % 0 B/s 0 B/s
DOCKER mongo-2 mongo:4.1.4 0 % 1 % 0 B/s 0 B/s
DOCKER mongoTest mongo:4.1.4-data-1
DOCKER ngrok-1 wernight/ngrok:latest 0 % 0 % 0 B/s 0 B/s
DOCKER node-red-docker-1 nodered/node-red-docker:latest 0 % 1 % 0 B/s 0 B/s

Click Terminal



Enter mongo admin and press connect



- Enter the command "**use database name**" (for example: "use qiotdatabase").
  Enter the command "**db.createUser({ user: "input account of DB ", pwd: "input password of DB", roles: [{ role: "dbOwner", db: "input the DB name you established previously"}]});**"
  (When you "**establish another new account and password**", it cannot be the same as the previously created user account (for example: "qiotduser")).

```
> use indoorlocdatabase
switched to db indoorlocdatabase
> db.createUser({user:"test",pwd:"123",roles:[{role:"dbOwner",db:"indoorlocdatabase"}]})
Successfully added user: {
        "user" : "test",
        "roles" : [
                {
                        "role" : "dbOwner",
                        "db" : "indoorlocdatabase"
                }
        ]
}
```

After inputting data to Mongodb, the database will appear in dbs