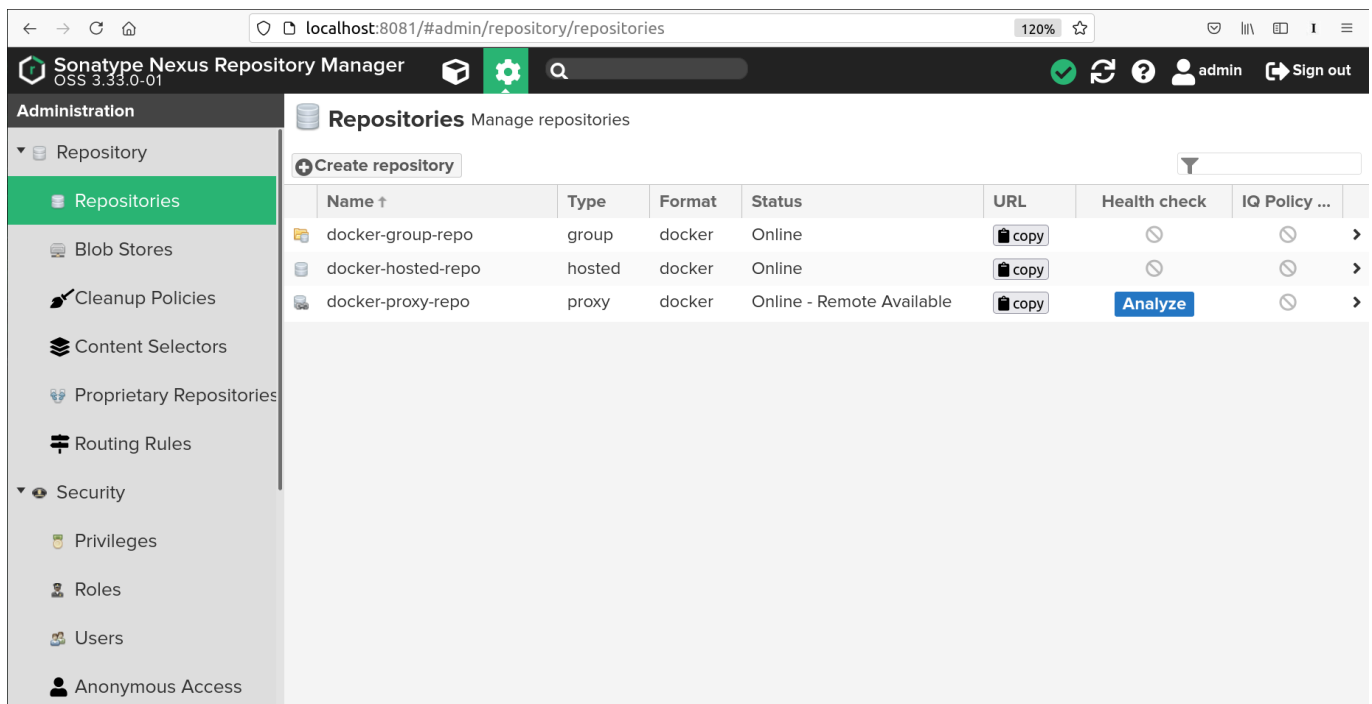


docker-compose.yml

```
version: "3.9"

services:
  nexus:
    image: sonatype/nexus3:3.33.0
    restart: always
    ports:
      - 8081:8081 # nexus
      - 8082:8082 # hosted
      - 8083:8083 # group
    volumes:
      - ./nexus-data:/nexus-data
```

Docker repos:



The screenshot shows the Sonatype Nexus Repository Manager web interface. The browser address bar indicates the URL is `localhost:8081/#admin/repository/repositories`. The page title is "Sonatype Nexus Repository Manager OSS 3.33.0-01". The left sidebar shows the "Administration" menu with "Repository" expanded, and "Repositories" selected. The main content area is titled "Repositories" and "Manage repositories". It features a "Create repository" button and a table listing existing repositories.

| Name ↑ | Type | Format | Status | URL | Health check | IQ Policy ... |
|--------------------|--------|--------|---------------------------|----------------------|------------------------------|-------------------------------|
| docker-group-repo | group | docker | Online | copy | Health check | IQ Policy ... |
| docker-hosted-repo | hosted | docker | Online | copy | Health check | IQ Policy ... |
| docker-proxy-repo | proxy | docker | Online - Remote Available | copy | Analyze | IQ Policy ... |

Dockerfile:

```
FROM alpine:3.14.0
RUN echo "nexus" > nexus.txt
```

Docker build & push to localhost:8082:

```
user@host docker build -t localhost:8082/echo-nexus:0.0.1 .
```

```
user@host docker login localhost:8082
```

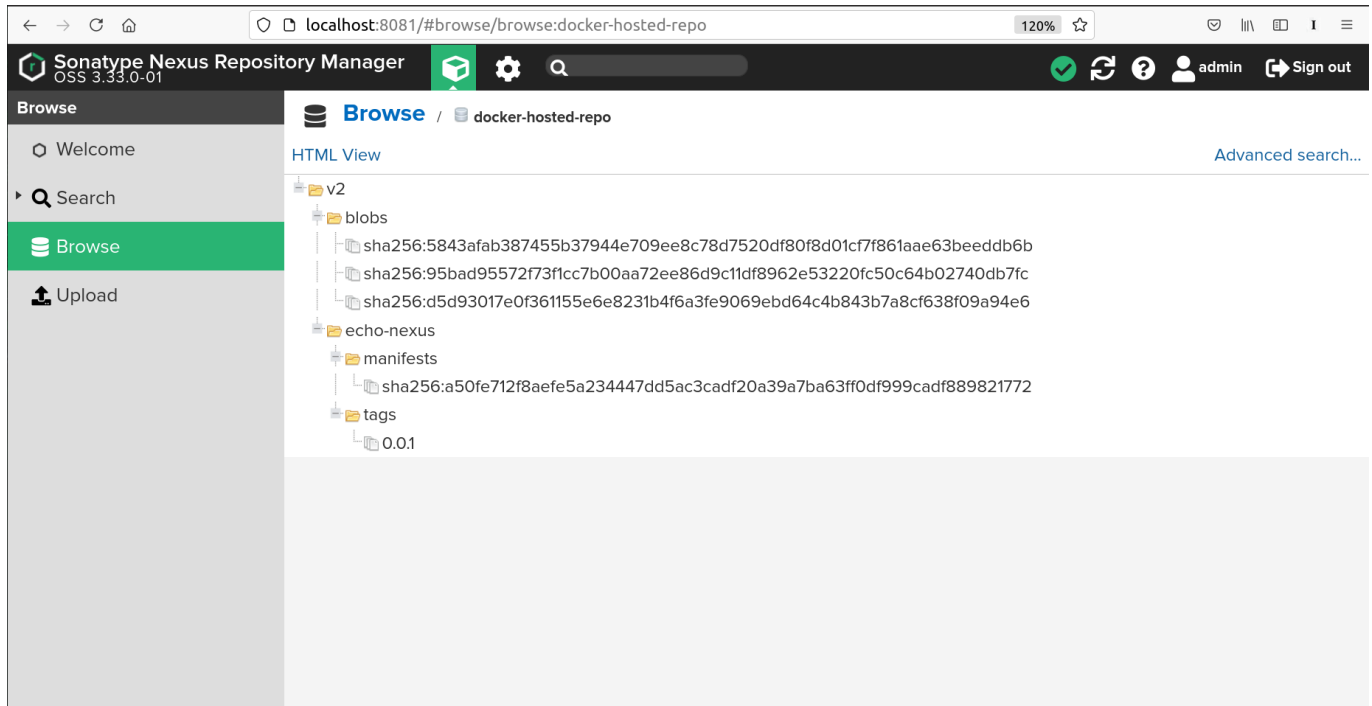
```
Username: admin
Password:
WARNING! Your password will be stored unencrypted in
/home/alex000/.docker/config.json.
Configure a credential helper to remove this warning. See
https://docs.docker.com/engine/reference/commandline/login/#credentials-
store

Login Succeeded
```

```
user@host docker push localhost:8082/echo-nexus:0.0.1
```

```
The push refers to repository [localhost:8082/echo-nexus]
4e27737da9c4: Pushed
72e830a4dff5: Pushed
0.0.1: digest:
sha256:a50fe712f8aefe5a234447dd5ac3cadf20a39a7ba63ff0df999cadf889821772
size: 735
```

Docker hosted repo after push:



Check (pull from localhost:8083):

```
user@host docker system prune -af
```

```
user@host docker run localhost:8083/echo-nexus:0.0.1
```

```
Unable to find image 'localhost:8083/echo-nexus:0.0.1' locally
0.0.1: Pulling from echo-nexus
5843afab3874: Pull complete
95bad95572f7: Pull complete
Digest:
sha256:a50fe712f8aefe5a234447dd5ac3cadf20a39a7ba63ff0df999cadf889821772
Status: Downloaded newer image for localhost:8083/echo-nexus:0.0.1
```