

Run acme.sh in docker

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acme.sh ❤️ docker

As one of the big docker fans, I understand that we hate installing anything on a docker host, even if it's just copying a shell script.

Automated nginx reverse proxy docker image with acme.sh for letsencrypt ssl cert: <https://github.com/Neilpang/letsproxy>

Deploy to a docker container and reload it:
<https://github.com/Neilpang/acme.sh/wiki/deploy-to-docker-containers>

So, Here "acme.sh in docker" comes.

1. Based on **alpine**, only 5MB size.
2. Either run as executable or run as daemon
3. Support all the command line parameters.

1. Say "Hello World"

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```
docker run --rm neilpang/acme.sh
```



2. Used as an executable:

```
docker run --rm -it \  
-v "$(pwd)/out":/acme.sh \  
--net=host \  
neilpang/acme.sh --issue -d example.com --standalone
```



You can use **any commands** that **acme.sh** supports here, other examples:

```
#revoke a cert  
docker run --rm -it \  
-v "$(pwd)/out":/acme.sh \  
--net=host \  
neilpang/acme.sh --revoke -d example.com
```



```
#use dns mode  
docker run --rm -it \  
-v "$(pwd)/out":/acme.sh \  
neilpang/acme.sh --issue --dns -d example.com
```



```
#run cron job  
docker run --rm -it \  
-v "$(pwd)/out":/acme.sh \  
--net=host \  
neilpang/acme.sh --cron
```



Anyway, you can just invoke **neilpang/acme.sh** image as if it were a real shell script.

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3. Run acme.sh as a docker daemon.

1. Running acme.sh as a docker daemon, so that it can handle the renewal cronjob automatically.

```
docker run --rm -itd \
-v "$(pwd)/out":/acme.sh \
--net=host \
--name=acme.sh \
neilpang/acme.sh daemon
```



Or run acme.sh by using Docker Compose .

Edit docker-compose.yml :

```
services:
  acme-sh:
    image: neilpang/acme.sh
    container_name: acme.sh
    volumes:
      - ./out:/acme.sh
    network_mode: host
    command: daemon
    stdin_open: true
    tty: true
    restart: no
```



Then run acme.sh:

```
docker compose up -d
```



2. Then you can just use `docker exec` to execute any `acme.sh` commands.

```
docker exec acme.sh --help
```



```
docker exec acme.sh --issue -d example.com --standalone
```



Yes, again, You can use **any commands** that `acme.sh` supports here.

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