

# Run acme.sh in docker

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neil edited this page on 10 Jun 2017 · 10 revisions

## acme.sh docker

As one of the big docker fans, I understand that we hate to install 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/nginx-proxy>

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"

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

## 2. Use 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.

## 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
```

### 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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<https://donate.acme.sh/>

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