

How to run the NMM sections of CND in docker

Setting up config and data points

```
mkdir -p <prefix>/docker/data
```

RANCID

(<https://github.com/jalmeida/rancid-docker>)

```
sudo docker run -t -i \  
  -v <prefix>/docker/data/rancid/etc:/home/rancid/etc \  
  -v <prefix>/docker/data/rancid/var:/home/rancid/var \  
  jalmeida/rancid:test  
sudo docker run -p 55581:80 -d \  
  -v <prefix>/docker/data/rancid/var:/opt/cvs \  
  jalmeida/viewvc:test
```

LibreNMS

(<https://github.com/jarischaefer/docker-librenms>)

```
docker run --name my-database-container \  
  -e MYSQL_ROOT_PASSWORD=secret \  
  -e MYSQL_DATABASE=librenms \  
  -e MYSQL_USER=librenms \  
  -e MYSQL_PASSWORD=librenms \  
  mysql:5.6  
  
docker run -d -p 80:80 \  
  -e DB_HOST=db \  
  -e DB_NAME=librenms \  
  -e DB_USER=librenms \  
  -e DB_PASS=librenms \  
  -e BASE_URL=http://localhost \  
  -e POLLERS=16 \  
  --link my-database-container:db \  
  -v /tmp/librenms:/opt/librenms/logs \  
  -v /tmp/librenms:/opt/librenms/rrd \  
  --name librenms \  
  jarischaefer/docker-librenms  
docker exec librenms sh -c "cd /opt/librenms && php /opt/librenms/build-
```

```
base.php"
  docker exec librenms php /opt/librenms/adduser.php admin admin 10
test@example.com
```

Netdot

(https://github.com/42wim/docker-netdot_deploy)

```
sudo docker run -i -t
  -v /var/run/docker.sock:/docker.sock
  42wim/netdot_deploy setup
```

Smokeping

(<https://github.com/linuxserver/docker-smokeping>)

```
mkdir -p <prefix>/docker/data/smokeping/data
git clone git@git.nsrc.org:dean/docker-smokeping-config.git
<prefix>/docker/data/smokeping/config
chown -R 65535:65534 <prefix>/docker/data/smokeping
chmod -R 777 <prefix>/docker/data/smokeping
```

```
docker run \
  --name smokeping \
  -p 8080:80 \
  -e PUID=65535 -e PGID=65534 \
  -v <prefix>/docker/data/smokeping/data:/data \
  -v <prefix>/docker/data/smokeping/config:/config \
  linuxserver/smokeping
```

nfsen

(<https://github.com/jhautefeuille/nfsen-docker> but it looks early days)

To be early, I'm thinking ntopng might be easier

<http://www.ntop.org/ntopng/using-ntop-applications-with-docker-and-openstack/>
<https://github.com/x-drum/docker-nprobe>

nagios

(https://hub.docker.com/r/rohit01/shinken_thruk_graphite/)

```
mkdir -p <prefix>/docker/data/shinken/configs
```

```
sudo docker run -d
-v "<prefix>/docker/data/shinken/configs:/etc/shinken/custom_configs"
-p 80:80
rohit01/shinken_thruk_graphite
```

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