

# Zabbix on Docker

Install postgres:

```
mkdir /opt/pgdata
docker run -d --name postgres --restart always -p 5432:5432 -e POSTGRES_PASSWORD=***** -e PGDATA=/var/lib/postgresql/data/pgdata -v /opt/pgdata:/var/lib/postgresql/data postgres
```

Create the Database

```
sudo apt-get install postgresql-client
psql -U postgres -h localhost
```

In the PSQL Console

```
CREATE ROLE zabbix WITH LOGIN PASSWORD '*****' VALID UNTIL 'infinity';
CREATE DATABASE zabbix WITH ENCODING 'UTF-8' OWNER=zabbix CONNECTION LIMIT=-1;
```

Install Zabbix Server and Web Frontend:

```
docker run -d --restart always --name zabbix-server-pgsql -e DB_SERVER_HOST="77.243.52.131" -e POSTGRES_USER="zabbix" -e POSTGRES_PASSWORD="*****" -p 10051:10051 zabbix/zabbix-server-pgsql

docker run -d --restart always --name zabbix-web-apache-pgsql -e DB_SERVER_HOST="77.243.52.131" -e POSTGRES_USER="zabbix" -e POSTGRES_PASSWORD="*****" -e ZBX_SERVER_HOST="77.243.52.131" -e PHP_TZ="Europe/Copenhagen" -p 8080:8080 zabbix/zabbix-web-apache-pgsql
```

Zabbix frontend should now be available at port 8080

<https://www.digitalocean.com/community/tutorials/how-to-install-and-configure-zabbix-to-securely-monitor-remote-servers-on-centos-7#:~:text=The%20default%20user%20is%20Admin%20and%20the%20password%20is%20zabbix.>

Agent install on the Zabbix server:

```
docker run --restart always --name zabbix-agent -e ZBX_HOSTNAME="moserver" -e ZBX_SERVER_HOST="???" -d --privileged -p 10050:10050 zabbix/zabbix-agent
```

On other Hosts:

```
docker run --restart always --name zabbix-agent -e ZBX_HOSTNAME="moserver" -e ZBX_SERVER_HOST="77.243.52.131" -d --privileged -p 10050:10050 zabbix/zabbix-agent
```

View logs

```
docker logs --tail 50 --follow --timestamps "zabbix-agent"
```